66

TECO's Response OPC's First Request to Produce Documents and Supplemental Response, No. 1.

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

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TALLAHASSEE, FLORIDA 32301
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April 8, 2022

VIA: ELECTRONIC TRANSMISSION

Ms. Mary Wessling Office of Public Counsel 111 West Madison Street, Room 812 Tallahassee, FL 32399-1400 wessling.mary@leg.state.fl.us

Re: Fuel and Purchased Power Cost Recovery Clause with Generating

Performance Incentive Factor; FPSC Docket No. 20220001-EI

Dear Ms. Wessling:

Attached are Tampa Electric Company's answers to Citizen's Request for Production of Documents (Nos. 1-8), propounded and served by electronic mail on March 9, 2022.

Sincerely,

Malcolm N. Means

Moldon N. Means

MNM/bmp Attachment

20220001-EI Staff Hearing Exhibits 00213

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PRODUCTION OF DOCUMENTS DOCUMENT NO. 1 BATES PAGES: 1-286 FILED: APRIL 8, 2022

- 1. Please provide all documents identified in Citizens' Interrogatories 1-28.
- **A.** Please see attached.

work_order_id	task_id	equipment_desc	work_order_desc
2730518		1 Unit #1 ST Hydrogen Dryer	Frequent 4-way valve failure alarm/ Dewpoint analyzer is indicating "OVER RANGE"
2730518		2 Unit #1 ST Hydrogen Dryer	Frequent 4-way valve failure alarm/ Dewpoint analyzer is indicating "OVER RANGE"
2730518		3 Unit #1 ST Hydrogen Dryer	Frequent 4-way valve failure alarm/ Dewpoint analyzer is indicating "OVER RANGE"
2731620	_	Equipment Labeling	Label needs update. Unit 1/ Building SPEECC Steam Turbine/ 1-NHS-MCC-1ST3 1HF
2731628		1 1-WTS-HHS-006 Intake hypochlorite solenoid	There is a Broken LB box and damaged conduit which routes the cable to Hypochlorite solenoid valve/
2733191	_	CT 1 EXCITER	GTG EXCITER SYS CORE 1 FAULT is bring in a "NOT READY TO START" ON Unit 1.
2734091	_	1 1-CNL-PSL-907	ST1 Hood Spray Low Pressure Switch Has Failed Giving An Alarm Back To The DCS.
2738162		2 Unit 1 ST Hydraulic Reservoir	Mark VI is getting an alarm for low hydraulic fluid level.
2740211	_	1 Unit 1 Steamer Hood Spray Valve	Hood spray valve is open continuously
2741705		1 Unit 1 CT Generator Level Switches	PM Anual: Test Seal oil liquid level detector and Generator liquid level detector.

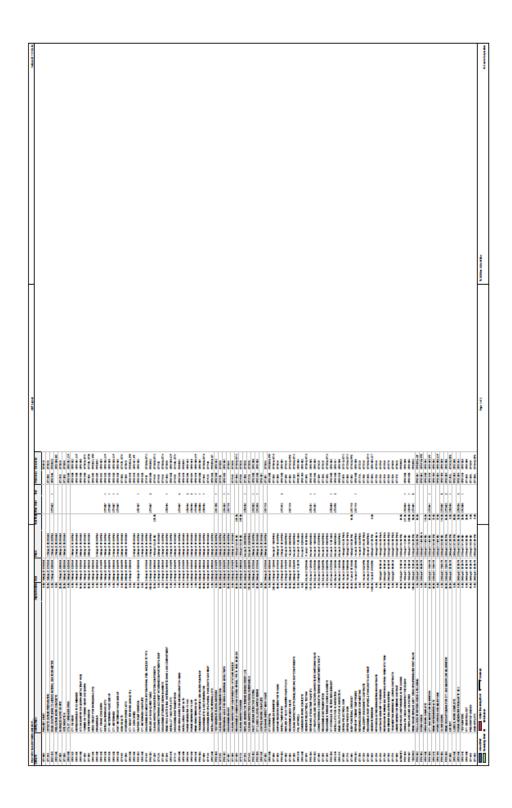
work_order_id	task_id	equipment_desc	work_order_desc
2742046		ST #1 Lube oil low level switch	ST #1 has a low lube oil level alarm.
2742046		2 ST #1 Lube oil low level switch	ST #1 has a low lube oil level alarm.
2742856		1 Unit # 1 CT Igniter	Semi Annual PM Unit 1 igniters (Spark Plugs).
2743351		1 Unit #1 CT lube oil filter and switching valve	Filters would not isolate and switching valve was shearing pins
2744262		DCS HRSG1 Low Drum Level CT trip	Low HRSG1 drum level will stop the CT without alerting operator as to why. No alarm is generated; Problem is wih HP and MP drum levels.
2747118		1 STG 1 HP Turbine Temperatures	Unit Number: ST1 Serial Number:270T280 Case # : MND-20191105-0673 Alarm: STM 270T280 Water Induction Escalation
2749353		1 Unit #1 ST Generator Excitation EX2000	PM Semi Annual Ground Detector
2749433		1 Unit #1 ST Generator Excitation EX2000	PM Annual During Outage Clean/insp EX2000
2750184		2 23HG-1,2 CT1 Generator Space Heater	Generator space heater wire T2 from starter bucket is reading grounded and is showing up on the B bus 480V ground detection panel in S1 substation.
2750184		3 23HG-1,2 CT1 Generator Space Heater	Generator space heater wire T2 from starter bucket is reading grounded and is showing up on the B bus 480V ground detection panel in S1 substation.

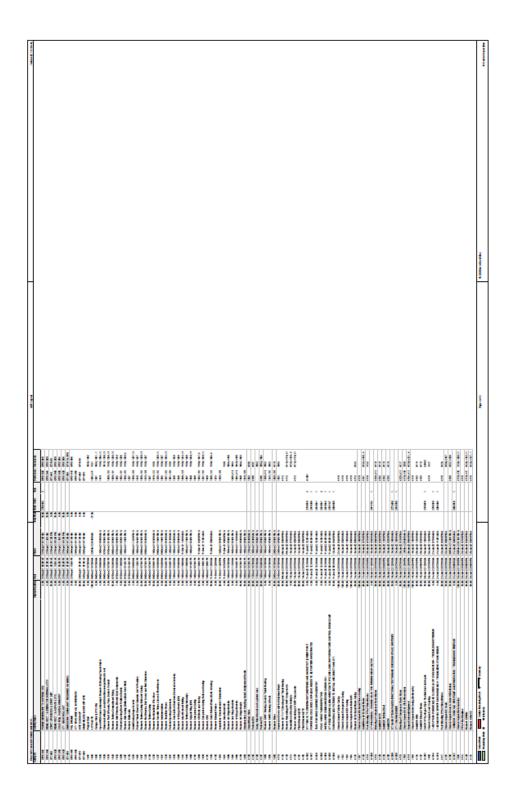
work_order_id	task_id	equipment_desc	work_order_desc
2750893		Could not Start A Pump. In the start A Pump A DISCHARGE MOV Started OK with B running	Could not Start A Pump. It looks like the intermediate position limit switch in MOV actuator is not working. Attempted start yielded MOV stroking full open then shut, no motor start. Started OK with B running
2751634		#1ST BAC VENT FAN NO.2 88PT-2	Motor run failure alarm in @ approx 0200, 6/1/2020. #2 vent fan drive motor is shorted to ground
2752161		1 1-SHP-TCV-973 (Unit1 NOX Control Temp. Valve)	Repair Positioner feedback arm with a permanent fix. See notes.
2756334		Unit1 Exhaust Frame/ BRG 2 TunnelTemperature	Median Temperature came in alarm @ 335 Degrees, Unit shuts down @ 350 Degrees. Lead fan running and field operator checked the Fan to be OK. Called B Hall to take a look.
2757375		1 CT1 EX2000 Primary Core Blower Assembly, BM2	Blower motor has imbalanced motor winding resistance values and is blowing fuses.
2757457		Feed Water Pumps - Vibration Monitor	PM Annual
2763774		1 PPS CT1 Hydrogen Dryer 1-GMH-DRY-902	PM TriAnnual: Replace desiccant per performance.
2763774		2 PPS CT1 Hydrogen Dryer 1-GMH-DRY-902	PM TriAnnual: Replace desiccant per performance.
2763775		1 PPS ST1 Hydrogen Dryer	PM TriAnnual: Replace desiccant per performance.
2763775		2 PPS ST1 Hydrogen Dryer	PM TriAnnual: Replace desiccant per performance.

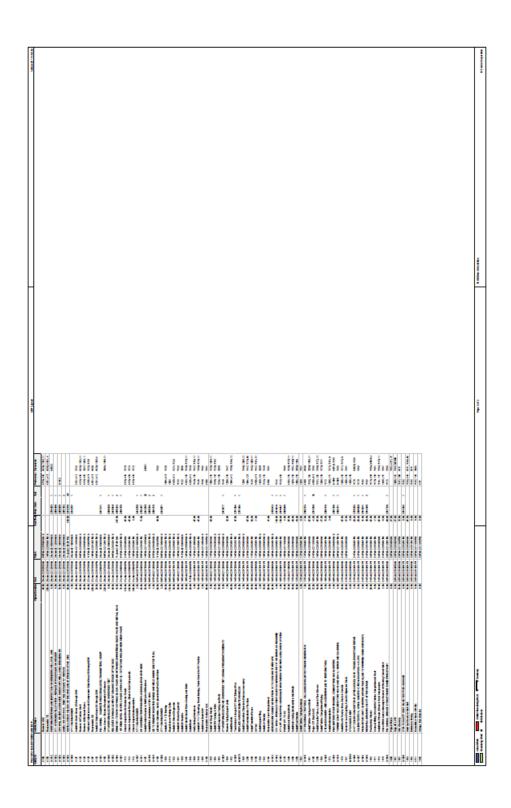
work_order_id	task_id	equipment_desc	work_order_desc
2768200		1 Unit #1 ST Hydraulic Filters 1-HAS-PKG-902	PM Semi- Annual - Change Polishing and Selexsorb Filters (AFS)
2768701		Steam Turbine Oil Filters PM	PM Annual Change Filters PWR-STG-901
2768909		1 Unit 1 ST Generator Level Switches	PM Monthly: Test seal oil and liquid level detectors.
2776648	7	Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776648		2 Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776648	က	Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776648		4 Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776648	5	Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776648	7	Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776839		2 CT-1 and Line 230613 Offline trip test	Requirement of six year offline trip test as per PRC-005-6

work_order_id	task_id	equipment_desc	work_order_desc
2776840	2	ST-1 and Line 230614 Offline trip test	Requirement of six year offline trip test as per PRC-005-6
2779041	_	PM Semi-Annual Gas Fuel Flow Transmitter (CEMS)	PM Semi-Annual Flow Transmitter Requires Calibration
2779422		PK1 Gas Fuel Flow Transmitter (CEMS)	PM REQUIRES ACCESS TO EQUIPMENT
2779422	2	PK1 Gas Fuel Flow Transmitter (CEMS)	PM REQUIRES ACCESS TO EQUIPMENT
2779497		HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header
2779497	2	HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header
2779497		3 HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header
2779497		4 HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header
2779497		5 HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header
2779497		6 HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header

work_order_id	task_id	equipment_desc	work_order_desc
2779795	7	PPS 1-STX-XNS-1C STATION SERVICE 1C	NEEDS INSPECTION
2779795	2	2 PPS 1-STX-XNS-1C STATION SERVICE 1C	NEEDS INSPECTION
2779795	3	3 PPS 1-STX-XNS-1C STATION SERVICE 1C	NEEDS INSPECTION
2779795	4	4 PPS 1-STX-XNS-1C STATION SERVICE 1C	NEEDS INSPECTION
2779811	7	1 Polk 1 HRSG	The Polk Unit 1 HRSG is in need of a complete HRSG inspection to evaluate upcoming needed repairs for future outage planning
2779907	1	1 PK1 CTG Comnpressor	Needs Waterwash
2779908	1	1 PK1 CT COMBUSTION SECTION	NEEDS COMBUSTION INSPECTION







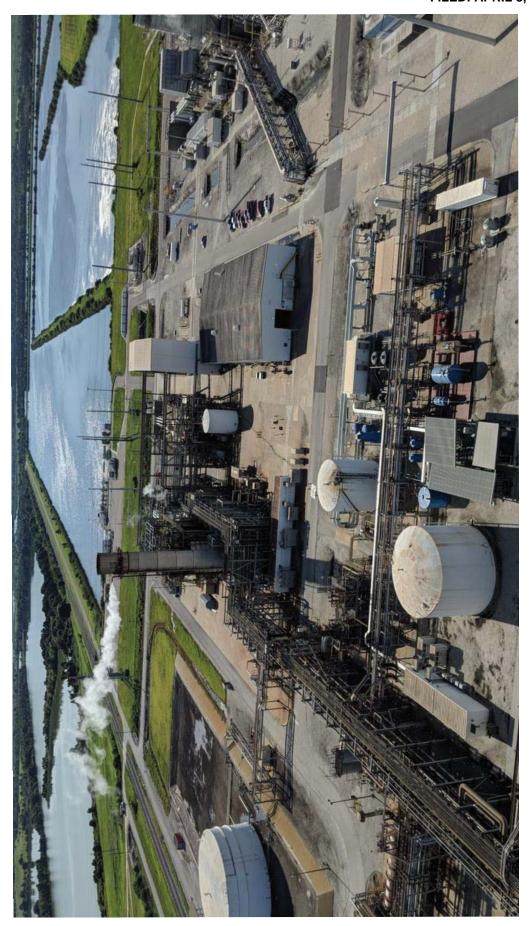


Tampa Electric Polk Power Station Polk CT1

Generator Stator Core Discovery

Bill Fowler Engineering Fellow, Asset Management Tampa Electric Company





Generator – GE 7FH2

224,310 KVA

18,000 Volts 7,195 Amps

45 PSI Hydrogen

Built in Schenectady, NY.

Serial number 337X011

Placed in commercial service - September 1, 1996

Combined cycle 1 on 1 burning syngas from a coal gasifier

Scheduled Spring Planned Outage

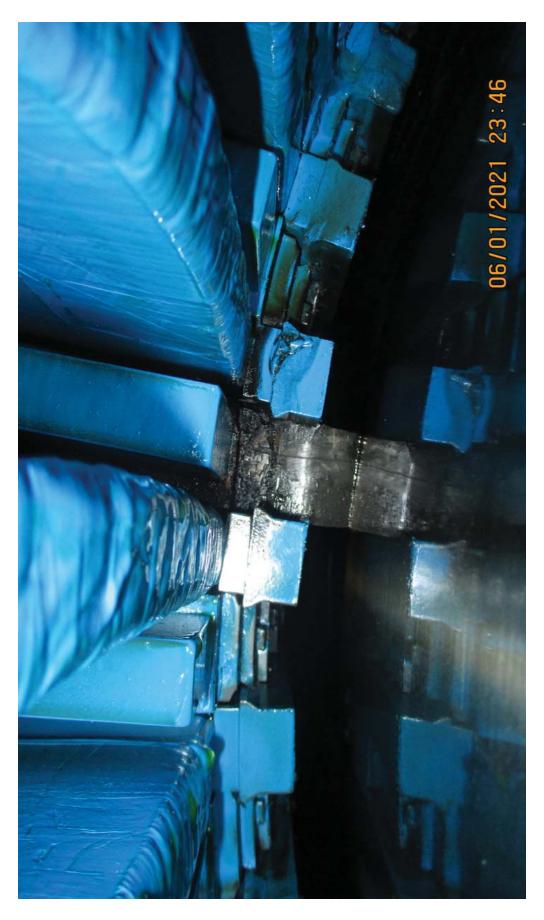
- Start May 19, 2021
 - End June 1, 2021
- Duration 14 Days Primary planned activities;
- Combustion Hardware Inspection
- Generator Heater Repair Requiring Upper Half Endbell Removal (both CE & TE)
- No known operational issues with the generator



The generator was last inspected in 2015 using Magic robot finding no significant issues at that time. Access into the generator was only made only from the collector end. Since both endbells were off during the 2021 minor outage, ends to permit limited inspection of the stator winding end we considered pulling the upper inner gas baffles on both turns and rotor. The collector end of the machine appeared normal although there were some signs of oil ingress.

Inspection of the turbine end revealed a mysterious object in the air gap between the stator and rotor.





What is it?

- Black in color.
- Is it burning, greasing, or both?
- What material is it?
- Where is it coming from?
- How significant is this?
- Appears to be riding on the TE retaining ring.
- Tested and found to be magnetic material, perhaps stator core iron.
- Time to pull the rotor. (unplanned)



Stator Core Iron at 1 o'clock Position



Stator Core at 1 o'clock



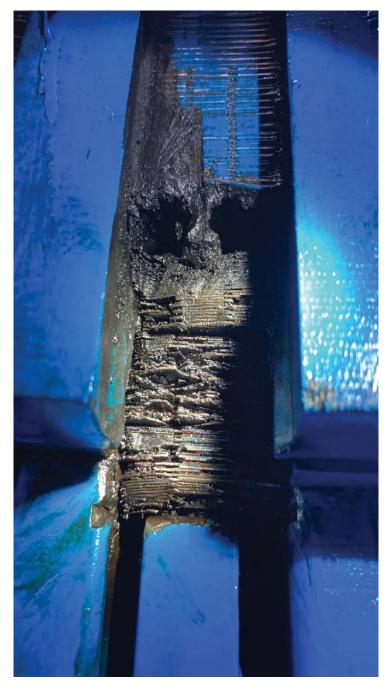
Stator Core at 1 o'clock, Greasing Removed



Stator Core at 9 o'clock position



Stator Core Iron at 9 o'clock



TE Core Iron Greasing



TE Retaining Ring Damage



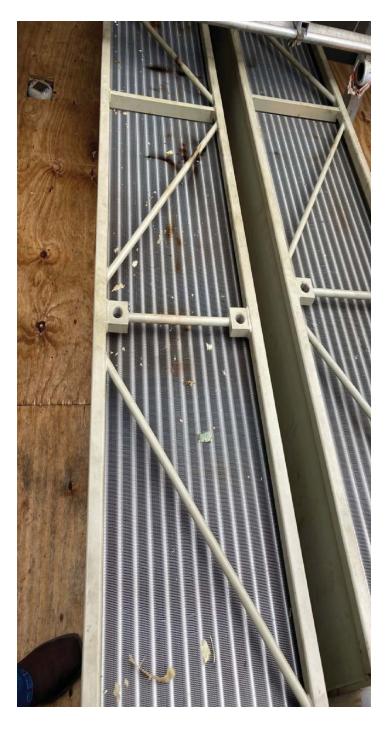
Rotor Body Dings & Dents

26

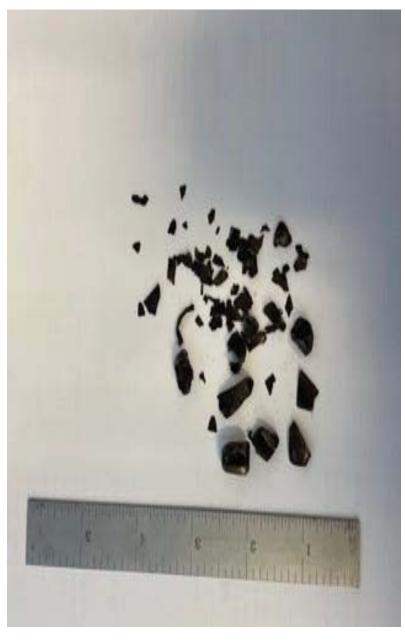
Partially Blocked Cooling Passage



Hydrogen Coolers with Debris



Magnetic Debris Found in Hydrogen Coolers



What do we do now?

Stator Core Iron Test

Performed an ELCID test of complete stator core

Results showed only one small location at approximately 100

All other slots/iron were below 20 mA

Stator Winding High Potential Test

Meggered winding at 5KV, polarization index above 5

DC high potential test to 40 KVDC

All three phases passed



Known Rotor Issues

- Flux probe test performed several months before the outage revealed at least two shorted turns.
- TE retaining ring is damaged and will need repair (if possible) and NDE to prove suitability for continued service.
- Internal cooling passages contaminated with metallic greasy residue.
- Collector rings are worn to the point there is very little depth to the machined grooving in the surface.
- Rotor has been in operation for approximately 25 years.



Repair Options/Choices

STATOR

- Clean up the stator and leave as is
- Clean and bond damaged stator core iron together
- Replace the damaged core iron and restack which will require a complete stator rewind
- Replace the entire stator and frame assembly

ROTOR

- Clean up the rotor without disassembly and leave as is
- Rewind the rotor
- Exchange the rotor with another that has been rewound

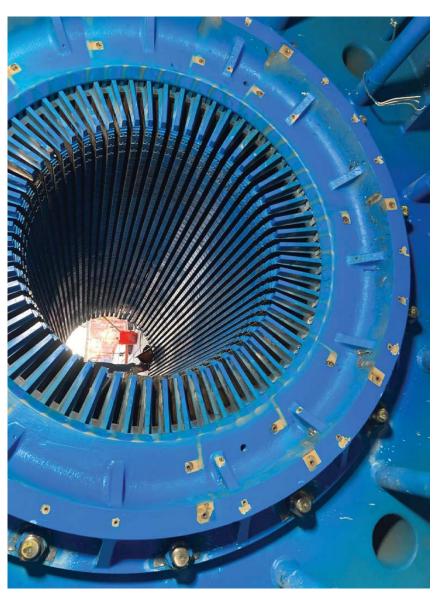


Restoration Decisions Made

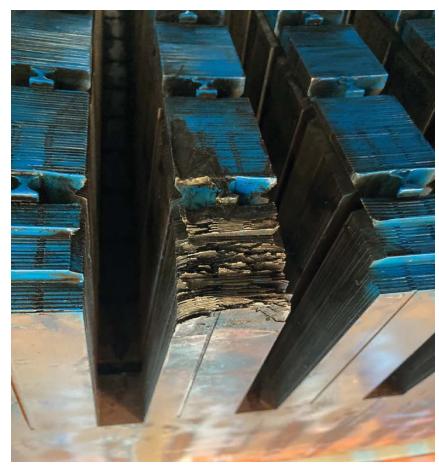
- Rewind the stator complete winding readily available
- restack and compress in place (horizontally) Replace damaged core iron up to 5 packets,
- Rewind the rotor with existing copper, all new nsulation, new collector rings, high speed balance

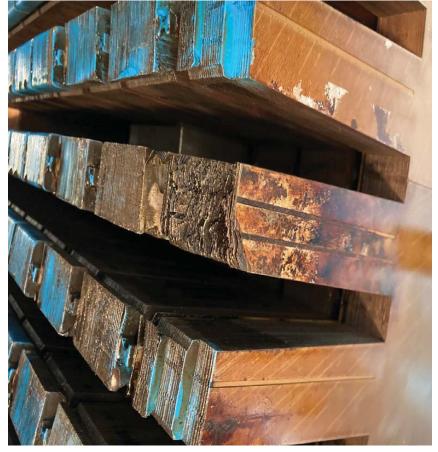


Stator Core Iron with Winding Removed



Two Areas of Damaged Core Step Iron





Maintaining Core Compression



Core Compression Tooling

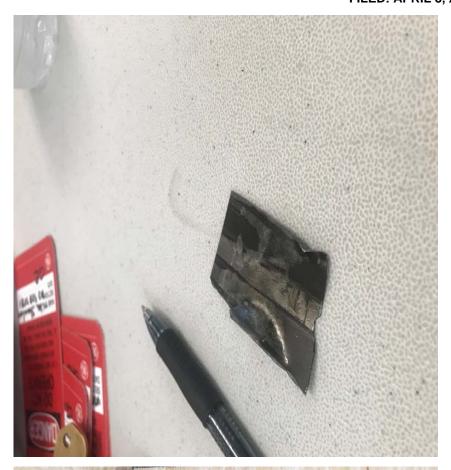








Broken Iron Lamination and Inside Spacer Block





Loop Test After New Core Iron Installed



Damaged Ground Wall Insulation, Top Bar Slot 20

Root Cause

- GE verbally acknowledged that the first 24 machines built in process. GE can identify these machines by serial number. Schenectady of this size had a defective core compression
- The key bar nuts were originally torqued to 2,000 ft. lbs.
- Thermal cycling may have contributed to loosing of the core
- Since cores are originally stacked in a vertical orientation with the TE up, the loose core iron issue only occurs on the TE
- Difficult area to inspect with Magic, may want to consider rotor out inspections.



Core Iron Issue Resolution

- Replace damaged core iron (while in the horizontal position) up to two packets beyond visibly damaged iron.
- Re-torque key bar nuts to 3,000 ft. lbs.
- Thermally cycle the core iron to 100°C with bake heaters for 4 hours after initial tightening.
- Re-check iron lamination tightness and drive insulation wedges into loose areas as needed.
- Paint new iron after torquing with red eye epoxy.



From: Bombe, Tony (FieldCore)

To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan;

Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)

Subject: Daily update during outages - 5/22

Date: Saturday, May 22, 2021 5:34:54 PM

Attachments: Roster TECO Polk Unit 1 CI 2021 5-22.pdf

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Ron / Brian,

Current Status Update as of 05/22 @ 0700. I forgot to hit send this morning!

EHS

COVID Procedures

Crane Operations

LOTO – Gas Turbine Hung – Generator In Progress – Steam Turbine Not Started

Confined Space / Hot Work Permits

Insects (Bees / Wasps / Spiders) - Reptiles

.

Completed Items Gas Turbine

Onboard Crew: Site Specific, Quality Induction, GE Orientation, FME Training

Setup FME Areas Gas Turbine / Generator

Remove Combustion Piping

Remove T3 Bearing Instrumentation

Remove T4 Bearing Instrumentation

Remove Load Coupling Guard Bottom Pan (Generator End)

Erect Scaffolding Load Compartment

Perform Thrust Check (.014")

-

Ongoing Items Gas Turbine

Remove Fuel Nozzles

Remove Collector Cab Roof Panel

Remove Load Compartment Roof / Wall Panels

Completed Items Steam Turbine

Setup Bolt World

Erect Barricade Around Deck Opening Remove Deck Plate Over Main Stop Valve

Remove Instrumentation Control Valve Actuator

Ongoing Items Steam Turbine

LOTO

Disassemble Main Stop / Control Valve

<u>Issues</u>

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand

Constant OTO Not Correlated - Should Be Complete This Magning - Miner Poles.

Generator LOTO Not Completed – Should Be Complete This Morning – Minor Delay Steam Turbine LOTO Not In Progress – Delaying Work On Stop Valve

Parts / Tools / Consumables

Precision Tools For Bearing / Hydrogen seal Dimensional Checks – Schedule For Delivery 5/24 AM

Open items

Compartment Gantry Crane – Moving Better With Use

Additional / General Notes

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:SATURDAY, MAY 22, 2021

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER	1	1
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		
	APM CREW		3
SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		Le responsibilities de la company
	EDE		
DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		
	THOMPSON INDUS	TRIAL	
CODY HULETT	COVID CLEANING	1	1

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SATURDAY, MAY 22, 2021

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE	1	Lucione
	APM CRE	<u>EW</u>	I.
KIRK MAY	SUPERINTENDENT	<u> </u>	
PATRICK COLE	MILLWRIGHT FOREMAN		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Sunday, May 23, 2021 7:59 AM To: Hall, Brian L.; Kennedy, Ronald R.

Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Cc:

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Subject: RE: Daily update during outages - 5/23 Attachments: Roster TECO Polk Unit 1 CI 2021_5-23.pdf

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Ron / Brian,

Current Status Update as of 05/23 @ 0700.

EHS

COVID Procedures Crane Operations LOTO - Gas Turbine / Generator / Steam Turbine Hung Confined Space / Hot Work Permits Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Remove Fuel Nozzles **Remove Combustion Liners** Remove Inner Crossfire Tubes Remove Flow Sleeves

Remove Collector Cab Roof Panel

Remove Load Compartment Roof / Wall Panels

Remove T4 Outer Oil Deflector

Ongoing Items Gas Turbine

Remove Transition Pieces Clean & Inspect S1N

Clean & Inspect Combustion Casings

Remove Outer Crossfire Tubes

Clean & Inspect Removed Combustion Capitols

Remove T4 Bearing Cap & U/H Bearing Remove CE Hydrogen Seals & Casings

Remove T4 inner Oil Deflector

Remove CE U/H Outer End Shield

Completed Items Steam Turbine

Setup Bolt World

Erect Barricade Around Deck Opening Remove Deck Plate Over Main Stop Valve Remove Instrumentation Control Valve Actuator

Ongoing Items Steam Turbine

LOTO

Disassemble Main Stop / Control Valve

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Precision Tools For Bearing / Hydrogen seal Dimensional Checks – Schedule For Delivery 5/24 AM

Open items

Compartment Gantry Crane - Moving Better With Use

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

CODY HULETT

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE:SUNDAY, MAY 23, 2021

-			
NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER	1	L
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		
	APM CREW		
SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
PAUL DENARDO	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		
	EDE		
DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		
	THOMPSON INDUS	TRIAL	

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SUNDAY, MAY 23, 2021

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		
	APM CRI	<u>EW</u>	T
KIRK MAY	SUPERINTENDENT	1	
RICKY EWING	SUPERINTENDENT		4
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Monday, May 24, 2021 6:14 PM
To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 5/24
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Crane Operations

LOTO – Gas Turbine / Generator / Steam Turbine Hung

Confined Space / Hot Work Permits

Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Remove Transition Pieces

Remove Transition Piece Forward Supports (Bullhorns)

Clean & Inspect S1N

Remove Outer Crossfire Tubes

Remove T4 Bearing Cap & U/H Bearing

Remove CE Hydrogen Seals & Upper Hydrogen Seal Casing

Remove Load Coupling Guard (Generator End) & Grounding Brush Holders / Brushes

Remove T3 Outer Oil Deflector, Bearing Cap & U/H Bearing

Remove CE & TE Upper End Shield Access Covers

Detension CE & TE End Shield Internal Horizontal Joint Bolts

Uncrate Refurbished Transition Pieces – Put Old Transition Pieces Into Boxes

Establish FME Zone 1 Turbine Compartment, Load Compartment And Collector Cab

Clean & Inspect S1N

Ongoing Items Gas Turbine

Clean & Inspect Combustion Casings

Install Outer Crossfire Tubes

Clean / Close Out Inspection Of Wrapper

Stage Refurbished Combustion Liners And Fuel Nozzles

Clean & Inspect Removed Combustion Capitols

Perform Final Clean Combustion Wrapper / Prep For Transition Piece Installation

Clean & Inspect Removed Combustion Components

Completed Items Steam Turbine

Walk Down LOTO – Sign / Lock On – Set Up Satellite Box Remove Control Valve Hydraulic Piping Remove Control Valve Instrumentation Uncouple Control Valve Stem From Hydraulic Actuator Remove Control Valve Hydraulic Actuator Detension Control Valve Spring And Remove

Ongoing Items Steam Turbine

Disassemble Main Stop / Control Valve Investigate Main Stop Valve Position Indicator Instrumentation Issue

<u>Issues</u>

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Parts / Tools / Consumables

Precision Tools For Bearing / Hydrogen seal Dimensional Checks – Schedule For Delivery 5/24 AM – Tooling On Site

Open items

Compartment Gantry Crane – Moving Better With Use – Crane Has Freed Up With Use

Additional / General Notes

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:MONDAY, MAY 24, 2021

GENERAL ELECTRIC / FIELD CORE

0211		10.17	300PO
NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	IPROJECT MANAGER		1
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		
SRIRAM IYER	IT LEADERSHIP		
DIANE COLEMAN	IT LEADERSHIP		
JOHN PHIFER	IT LEADERSHIP		
MEHRAN ALIDAEI	IT LEADERSHIP		I
	APM CREW		
SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		
	EDE		
DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		
	THOMPSON INDUS	STRIAL	

COVID CLEANING

CODY HULETT

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:MONDAY, MAY 24, 2021

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		<u> </u>
	APM CRI	E W	
KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

CODY HULETT

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE: TUESDAY, MAY 25, 2021

And the second s		TIME IN	TIME OUT
NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER	1	1
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		
KINDYL SCHADE	IT LEADERSHIP		
MARIA SULLIVAN	IT LEADERSHIP		
JONATHAN FOUNTAINE	IT LEADERSHIP		
	APM CREW		
SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		The state of Wall State of Sta
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT	10	
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		1
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		
	EDE		
DAVID PETTUS	ELECTRICAL SUPPORT	1	
MATT DUMARS	ELECTRICAL SUPPORT		
	THOMPSON INDUS	STRIAL	

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:TUESDAY, MAY 25, 2021

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE	1	
	APM CRE	<u>EW</u>	T
KIRK MAY	SUPERINTENDENT		
PATRICK COLE	MILLWRIGHT FOREMAN		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		1
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Tuesday, May 25, 2021 5:49 PM
To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 5/25 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_5-25.pdf

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Ron / Brian,

Current Status Update as of 05/25 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Clean & Inspect Combustion Casing Forward Faces

Install Outer Crossfire Tubes

Clean / Close Out Inspection Of Wrapper

Stage Refurbished Combustion Liners And Fuel Nozzles

Perform Final Clean Combustion Wrapper / Prep For Transition Piece Installation

Resolve Issue With Transition Piece Side Seal Engagement – Blend Picture Frames As Needed

Clean & Inspect Flow Sleeves

Remove New Combustion Liners Form Shipping Boxes / Put Old Combustion Liners In Shipping Boxes

Remove CE U/H Inner Oil Deflector

Remove CE U/H Outer End Shield

Remove TE H2 Seals & upper H2 Seal Casing

Inspect Removed Outer Oil Deflectors

Ongoing Items Gas Turbine

Clean & Inspect Removed Combustion Capitols Install Transition Pieces Remove TE U/H Inner Oil Deflector Remove TE U/H Outer End Shield Remove Steam Injection Control Valve

Completed Items Steam Turbine

Remove Main Steam Control Valve Bonnet / Disc – Stem Assembly Remove Main Steam Stop / Control Valve Strainer Basket Uncouple Main Steam Stop Valve From Actuator Remove Main Steam Stop Valve Pressure Seal Head Pull Down Ring Remove Main Steam Stop Valve Stem – Disc Assembly Perform Initial Visual Inspections On Components

Ongoing Items Steam Turbine

Clean & Inspect Investigate Main Stop / Control Valve Components Position Indicator Instrumentation Issue

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Main Steam Stop Valve Stem Erosion

Parts / Tools / Consumables

Open items

Additional / General Notes

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Wednesday, May 26, 2021 5:50 AM **To:** Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 5/26 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_5-26.pdf

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Ron / Brian,

Current Status Update as of 05/26 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Install Transition Pieces
Install Flow Sleeves
Install Combustion Liners
Remove TE U/H Inner Oil Deflector
Remove TE U/H Outer End Shield
Remove Steam Injection Control Valve
Dimensionally Inspect Hydrogen Seals
Remove Steam Injection Control Valve

Ongoing Items Gas Turbine

Clean & Inspect Removed Combustion Capitols
Clean & Inspect Combustion Flex Hoses
Clean & Inspect Generator End Shields
Prep Refurbished Fuel Nozzles For Installation
Replace Generator Heaters

Remove Generator Inner Gas Shields And Fan Blades For end Winding Inspection

Completed Items Steam Turbine

Clean & Inspect Investigate Main Stop / Control Valve Components Perform Borescope (TECO) Of Main Steam Upstream Drip Leg

Ongoing Items Steam Turbine

Prep For Valve Reassembly
Perform NDE On Bonnet Studs / Stop Valve Seat / Below seat Drain
Correct Position Indicator Instrumentation Issue

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Field Shorted Turn – Engineering Recommended Electrical Testing And Visual Inspection of Field – Need TECO Decision On Electrical Testing

Main Steam Stop Valve Stem Erosion – Stem Replacement In Progress At Mid-State – Expect Back On Site Late 5/26 To Early 5/27

Main Steam Stop Valve Position Indicator Instrumentation Issue – New switch Rod Being Turned At Big Bend – ETA 5/28 Borescope Main Steam Supply Piping Upstream Drip Leg Noted Particulate Matter – Decision To Proceed With Borescope Of Turbine Section – Borescope Inspector En Route – ETA 5/26 Afternoon

Parts / Tools / Consumables

Generator Inner And Outer Oil Deflectors – TECO Approved Replacement Yesterday – Working To Allocate GE Parts – Unknown At This Time

Open items

Additional / General Notes

Tony Bombe

Senior Field Engineer – Gas Turbine

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, MAY 26, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT		
TONY BOMBE	PROJECT MANAGER		1		
CARLOS CRUZ	DAY SHIFT FES (QC)				
ROD BAKER	NIGHT SHIFT FES				
JOSE ESCOBAR	BORSCOPE (UNIT 1 ST)				
	APM CREW				
SAM FREEMAN	SUPERINTENDENT	Ī			
JOHN SUPLEY	MILLWRIGHT FOREMAN	Carrier and the contract of th			
PAUL HYJEK	MILLWRIGHT				
GREG RHOTON	MILLWRIGHT				
KIM MARTIN	MILLWRIGHT				
RANDY JOHNSON	MILLWRIGHT				
FRANK KURJACK	MILLWRIGHT				
JASON FIELDS	MILLWRIGHT				
TIM BALL	MILLWRIGHT				
JUSTIN LANGSDON	MILLWRIGHT				
JOHN PALMER	MILLWRIGHT				
MICHAEL THIBODEAU	MILLWRIGHT				
PHILLIP BEAGEZ	MILLWRIGHT				
SAMUEL BEAUGEZ	MILLWRIGHT APP				
RHETT BALL	MILLWRIGHT APP	I was a second contract of			
ERIC LEGUS	MILLWRIGHT APP				
JACOB KOACH	MILLWRIGHT APP				
EDE					
DAVID PETTUS	ELECTRICAL SUPPORT		1		
MATT DUMARS	ELECTRICAL SUPPORT				
THOMPSON INDUSTRIAL					

COVID CLEANING

CODY HULETT

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:WEDNESDAY, MAY 26, 2021

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE	Ī	1
	APM CRE	<u>EW</u>	т :
KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT	THE STATE OF THE S	
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
VADIEL CANTANA	MILLMPICHT APP		STATE OF THE PARTY

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Thursday, May 27, 2021 6:24 AM
To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 5/27 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_5-27.pdf

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Ron / Brian,

Current Status Update as of 05/27 @ 0700.

Clean & Inspect Removed Combustion Capitols

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Need To Roll Generator – Will have To Release PPS 6 To Get a Bearing Lift Oil Pump
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Prep Refurbished Fuel Nozzles For Installation
Install Fuel Nozzles
Stage Parts / Tooling For Lube Oil Filter Transfer Valve Repair – Setup Containment
Inspection Of Removed Hydrogen Seals – All Dimensions In Spec
Remove Generator TE & CE Upper Half Fan Blades And Inner Gas Shields For End Winding Inspection
Perform Visual Inspection CE & TE End Windings

Ongoing Items Gas Turbine

Clean & Inspect Combustion Flex Hoses Install Combustion Flex Hoses Lube Oil Filter Transfer Valve Repair Clean & Inspect Generator Fan Blades Clean & Inspect Generator End Shields Replace Generator Heaters Prep For Pulling Generator Field

Completed Items Steam Turbine

Prep For Valve Reassembly

Perform Borescope (TECO) Of Main Steam Upstream Drip Leg Stage Tanker For Pumping Lube Oil Reservoir Replace Stop Valve Stem

Ongoing Items Steam Turbine

Perform NDE On Bonnet Studs / Stop Valve Seat / Below seat Drain Replace Lube Oil Reservoir For Level Indicator Replacement Correct Position Indicator Instrumentation Issue

<u>Issues</u>

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Field Shorted Turn – Engineering Recommended Electrical Testing And Visual Inspection of Field – Need TECO Decision On Electrical Testing

Main Steam Stop Valve Stem Erosion – Stem Replacement In Progress At Mid-State – Expect Back On Site Late 5/26 To Early 5/27

Main Steam Stop Valve Position Indicator Instrumentation Issue — New switch Rod Being Turned At Big Bend — ETA 5/28 Borescope Main Steam Supply Piping Upstream Drip Leg Noted Particulate Matter — Decision To Proceed With Borescope Of Turbine Section — Borescope Inspector On Site — Inspections Should Be Completed Today — needed To Get Smaller Diameter Borescope To Access HP / IP Through Pressure Taps & Thermocouples

Generator Stator Damage Noted During Visual Inspection Of TE End Windings. Engineering Recommendation To Repair Damage Before Return To Service – Will Require Pulling Field – Reviewed Recommendation With Outage Team – Preparations To Disassemble Generator And Pull Field For Repairs In Progress

Parts / Tools / Consumables

Generator Inner And Outer Oil Deflectors – TECO Approved Replacement 5/25 – New Oil Deflectors Should Arrive On Site 5/27

Generator Field Installation Tooling - Will Need All Tooling Provided For Field Removal From TECO

Open items

Additional / General Notes

Need Operations Assistance To Release Bearing Lift Oil Pump From PPS 6 This Morning

Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A

Requirement

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE: THURSDAY, MAY 27, 2021

TONY BOMBE CARLOS CRUZ DAY SHIFT FES (QC) ROD BAKER JOSE ESCOBAR BORSCOPE (UNIT 1 ST) GENE MCCLARY NDE (IAG) APM CREW SAM FREEMAN JOHN SUPLEY MILLWRIGHT FOREMAN PAUL HYJEK MILLWRIGHT GREG RHOTON MILLWRIGHT RANDY JOHNSON MILLWRIGHT RANDY JOHNSON MILLWRIGHT FRANK KURJACK MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT APP MICHAEL THIBODEAU M	NAME	RESPONSIBILITY	TIME IN	TIME OUT		
CARLOS CRUZ ROD BAKER NIGHT SHIFT FES JOSE ESCOBAR BORSCOPE (UNIT 1 ST) GENE MCCLARY NDE (IAG) APM CREW SAM FREEMAN SUPERINTENDENT JOHN SUPLEY MILLWRIGHT FOREMAN PAUL HYJEK MILLWRIGHT RANDY JOHNSON MILLWRIGHT RANDY JOHNSON MILLWRIGHT FRANK KURJACK MILLWRIGHT TIM BALL JUSTIN LANGSDON MILLWRIGHT MILLWRIGHT MILLWRIGHT MILLWRIGHT MILLWRIGHT MILLWRIGHT MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT MICHAEL MILLWRIGHT MICHAEL MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT MICHAEL MILLWRIGHT MICHAEL MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT MICHAEL MILLWRIGHT MILLWRIGHT APP RHETT BALL MILLWRIGHT APP MILLWRIGHT APP MILLWRIGHT APP MILLWRIGHT APP THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING RELADYNE JON HALL LUBE OIL SERVICE	TONY BOMBE	IPROJECT MANAGER	Ĭ.	Ĭ		
JOSE ESCOBAR GENE MCCLARY NDE (IAG) APM CREW SAM FREEMAN JOHN SUPLEY MILLWRIGHT FOREMAN PAUL HYJEK MILLWRIGHT GREG RHOTON MILLWRIGHT KIM MARTIN MILLWRIGHT RANDY JOHNSON MILLWRIGHT FRANK KURJACK MILLWRIGHT JASON FIELDS MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT PHILLIP BEAGEZ MILLWRIGHT PHILLIP BEAGEZ MILLWRIGHT APP RHETT BALL MILLWRIGHT APP RHETT BALL MILLWRIGHT APP BETC LEGUS MILLWRIGHT APP MILLWRIGHT APP BETC LEGUS MILLWRIGHT APP THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING RELADYNE JON HALL LUBE OIL SERVICE	CARLOS CRUZ					
APM CREW SAM FREEMAN SUPERINTENDENT JOHN SUPLEY MILLWRIGHT FOREMAN PAUL HYJEK MILLWRIGHT GREG RHOTON MILLWRIGHT KIM MARTIN MILLWRIGHT FRANKY JOHNSON MILLWRIGHT JASON FIELDS MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT JOHN PALMER MILLWRIGHT HILLIP BEAGEZ MILLWRIGHT PHILLIP BEAGEZ MILLWRIGHT SAMUEL BEAUGEZ MILLWRIGHT APP RHETT BALL MILLWRIGHT APP RHETT BALL MILLWRIGHT APP BRIC LEGUS MILLWRIGHT APP TERIC LEGUS MILLWRIGHT APP TERIC LEGUS MILLWRIGHT APP THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING RELADYNE JON HALL LUBE OIL SERVICE	ROD BAKER	NIGHT SHIFT FES				
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SAM FREEMAN SUPERINTENDENT JOHN SUPLEY MILLWRIGHT FOREMAN PAUL HYJEK MILLWRIGHT GREG RHOTON MILLWRIGHT KIM MARTIN MILLWRIGHT RANDY JOHNSON MILLWRIGHT FRANK KURJACK MILLWRIGHT FRANK KURJACK MILLWRIGHT JASON FIELDS MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT PHILLIP BEAGEZ MILLWRIGHT SAMUEL BEAUGEZ MILLWRIGHT APP RHEIT BALL MILLWRIGHT APP ERIC LEGUS MILLWRIGHT APP ERIC LEGUS MILLWRIGHT APP BAVID PETTUS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING RELADYNE JON HALL LUBE OIL SERVICE	GENE MCCLARY	NDE (IAG)				
JOHN SUPLEY PAUL HYJEK MILLWRIGHT GREG RHOTON MILLWRIGHT KIM MARTIN MILLWRIGHT RANDY JOHNSON MILLWRIGHT FRANK KURJACK MILLWRIGHT JASON FIELDS MILLWRIGHT TIM BALL MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT MILLWRIGHT MICHAEL THIBODEAU PHILLIP BEAGEZ MILLWRIGHT SAMUEL BEAUGEZ MILLWRIGHT APP RHETT BALL MILLWRIGHT APP JACOB KOACH MILLWRIGHT APP JACOB KOACH MILLWRIGHT APP THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING LUBE OIL SERVICE		APM CREW				
PAUL HYJEK MILLWRIGHT GREG RHOTON MILLWRIGHT KIM MARTIN MILLWRIGHT RANDY JOHNSON MILLWRIGHT FRANK KURJACK MILLWRIGHT JASON FIELDS MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT PHILLIP BEAGEZ MILLWRIGHT SAMUEL BEAUGEZ MILLWRIGHT APP RHETT BALL MILLWRIGHT APP ERIC LEGUS MILLWRIGHT APP JACOB KOACH MILLWRIGHT APP DAVID PETTUS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING DON HALL LUBE OIL SERVICE	SAM FREEMAN	SUPERINTENDENT		I		
GREG RHOTON KIM MARTIN MILLWRIGHT RANDY JOHNSON MILLWRIGHT FRANK KURJACK MILLWRIGHT JASON FIELDS MILLWRIGHT TIM BALL JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT PHILLIP BEAGEZ MILLWRIGHT APP RHETT BALL MILLWRIGHT APP ERIC LEGUS MILLWRIGHT APP BALL DAVID PETTUS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING JON HALL LUBE OIL SERVICE	JOHN SUPLEY	MILLWRIGHT FOREMAN				
KIM MARTIN MILLWRIGHT RANDY JOHNSON MILLWRIGHT FRANK KURJACK MILLWRIGHT JASON FIELDS MILLWRIGHT TIM BALL MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT PHILLIP BEAGEZ MILLWRIGHT SAMUEL BEAUGEZ MILLWRIGHT APP RHETT BALL MILLWRIGHT APP ERIC LEGUS MILLWRIGHT APP JACOB KOACH MILLWRIGHT APP EDE DAVID PETTUS ELECTRICAL SUPPORT MATT DUMARS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING RELADYNE JON HALL LUBE OIL SERVICE	PAUL HYJEK	MILLWRIGHT				
RANDY JOHNSON MILLWRIGHT FRANK KURJACK MILLWRIGHT JASON FIELDS MILLWRIGHT TIM BALL MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT PHILLIP BEAGEZ MILLWRIGHT SAMUEL BEAUGEZ MILLWRIGHT APP RHETT BALL MILLWRIGHT APP ERIC LEGUS MILLWRIGHT APP JACOB KOACH MILLWRIGHT APP DAVID PETTUS ELECTRICAL SUPPORT MATT DUMARS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING RELADYNE JON HALL LUBE OIL SERVICE	GREG RHOTON	MILLWRIGHT				
FRANK KURJACK JASON FIELDS MILLWRIGHT TIM BALL MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT MILLUP BEAGEZ MILLWRIGHT SAMUEL BEAUGEZ MILLWRIGHT APP RETIT BALL MILLWRIGHT APP ERIC LEGUS MILLWRIGHT APP JACOB KOACH MILLWRIGHT APP EDE DAVID PETTUS ELECTRICAL SUPPORT MATT DUMARS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING JON HALL LUBE OIL SERVICE	KIM MARTIN	MILLWRIGHT				
JASON FIELDS MILLWRIGHT TIM BALL MILLWRIGHT JUSTIN LANGSDON MILLWRIGHT JOHN PALMER MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT PHILLIP BEAGEZ MILLWRIGHT SAMUEL BEAUGEZ MILLWRIGHT APP RHETT BALL MILLWRIGHT APP ERIC LEGUS MILLWRIGHT APP JACOB KOACH MILLWRIGHT APP DAVID PETTUS ELECTRICAL SUPPORT MATT DUMARS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING RELADYNE JON HALL LUBE OIL SERVICE	RANDY JOHNSON	MILLWRIGHT				
TIM BALL JUSTIN LANGSDON JUSTIN LANGSDON JOHN PALMER MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT MILLIP BEAGEZ MILLWRIGHT MILLWRIGHT MILLWRIGHT MILLWRIGHT APP RHETT BALL MILLWRIGHT APP ERIC LEGUS MILLWRIGHT APP JACOB KOACH MILLWRIGHT APP EDE DAVID PETTUS ELECTRICAL SUPPORT MATT DUMARS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING JON HALL LUBE OIL SERVICE						
JUSTIN LANGSDON JOHN PALMER MILLWRIGHT MICHAEL THIBODEAU MILLWRIGHT PHILLIP BEAGEZ MILLWRIGHT SAMUEL BEAUGEZ MILLWRIGHT APP RHETT BALL ERIC LEGUS MILLWRIGHT APP JACOB KOACH MILLWRIGHT APP EDE DAVID PETTUS ELECTRICAL SUPPORT MATT DUMARS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING JON HALL LUBE OIL SERVICE	JASON FIELDS	MILLWRIGHT				
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SAMUEL BEAUGEZ RHETT BALL RHETT BALL MILLWRIGHT APP ERIC LEGUS MILLWRIGHT APP JACOB KOACH MILLWRIGHT APP BEDE DAVID PETTUS MATT DUMARS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING RELADYNE JON HALL LUBE OIL SERVICE						
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DAVID PETTUS ELECTRICAL SUPPORT MATT DUMARS ELECTRICAL SUPPORT THOMPSON INDUSTRIAL CODY HULETT COVID CLEANING RELADYNE JON HALL LUBE OIL SERVICE						
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JON HALL LUBE OIL SERVICE	THOMPSON INDUSTRIAL					
JON HALL LUBE OIL SERVICE	CODY HULETT	COVID CLEANING		1		
	RELADYNE					
RICO SMILEY LUBE OIL SERVICE	JON HALL	LUBE OIL SERVICE	I	1		
	RICO SMILEY	LUBE OIL SERVICE		1		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE: THURSDAY, MAY 27, 2021

NAME	RESPONSIBILITY		TIME IN	TIME OUT
ROD BAKER	FE			1
	APM CF	REW		
KIRK MAY	SUPERINTENDENT	1		1
RICKY EWING	SUPERINTENDENT		***************************************	***
PAUL DENARDO	MILLWRIGHT		CONTRACTOR DESIGNATION	
PATRICK COLE	MILLWRIGHT FOREMAN			
RANDY BUCHANAN	MILLWRIGHT			
SCOTT MAY	MILLWRIGHT			
CHRISTOPHER WALSH	MILLWRIGHT			
TRAVIS MCIVER	MILLWRIGHT			
PORTER MADARA	MILLWRIGHT APP			
YADIEL SANTANA	MILLWRIGHT APP			

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Friday, May 28, 2021 6:26 AM
To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 5/28 **Attachments:** Roster TECO Polk Unit 1 CI 2021 5-28.pdf

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Ron / Brian,

Current Status Update as of 05/28 @ 0700.

EHS

COVID Procedures
Crane Operations

LOTO – Gas Turbine / Generator / Steam Turbine Hung

Roll Generator - Add Tag To Lube Oil Supply Piping Blind PPS 6 - Release Aux Lube Oil Pump In Progress

Confined Space / Hot Work Permits

Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Clean & Inspect Combustion Flex Hoses Per TIL 1585

Borescope Combustion Piping / Manifolds

Perform Final Visual Close Out Inspection Upper & Lower Turbine Manways

Install Upper & Lower Turbine Manway Covers

Transition Turbine Compartment To FME Level 2

Install Blind Flange Generator Bearing Lube Oil Supply Piping

Remove Load Coupling Guard Turbine End

Remove Collector Cab Roof Panel & End Wall

Ongoing Items Gas Turbine

Borescope Inspection Compressor And Turbine Section

Clean Foreign Material / Scale / Deposits From Combustion Flex Hoses & Manifolds

Install Combustion Flex Hoses

Repair Steam Injection Control Valve

Lube Oil Filter Transfer Valve Repair

Clean & Inspect Generator Fan Blades

Repair Generator Fan Blades - Blend Leading Edge Abrasion

Generator Fan Blade NDE Inspection

Clean & Inspect Generator End Shields

Remove Lower TE & CE Fan Blades
Remove Lower TE & CE Inner Gas Shields
Clean & Inspect Generator CE & TE Upper End Shields
Replace Generator Heaters
Prep For Pulling Generator Field
Disassemble Collector Housing / Exciter Duct
Remove Turning Gear
Marshall Special Tooling For Generator Disassembly

Completed Items Steam Turbine

Perform Borescope HP / IP Sections
Pump Lube Oil Reservoir Down
Replace Lube Oil Reservoir Level Indicator
Pump Oil Thru Filter back Into Lube Oil Reservoir
Perform NDE Stop / Control Valve Bonnet Studs, Stop Valve Seat And Lower Body
Perform Blend Repairs Stop / Control Valve Lower Body

Ongoing Items Steam Turbine

Repair Stop Valve Position Indicator Instrumentation Issue Perform Stop / Control Valve Blue Contact Checks Reassemble Stop / Control Valve

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Main Steam Stop Valve Position Indicator Instrumentation Issue – New switch Rod Being Turned At Big Bend – ETA 5/29 Borescope Steam Turbine Results Similar To 2020 Inspection – Will Submit Report For Engineering Review And Recommendations

Generator Stator Damage - Preparations To Disassemble Generator And Pull Field For Repairs In Progress

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO. GE Tooling Shipping For Delivery 5/29.

Open items

Additional / General Notes

Need Operations Assistance To Apply LOTO To Generator Bearing Lube Oil Supply Piping Blind And Release Aux Lube Oil Pump From PPS 6 This Morning

Need Operations Support To Drain Lube Oil Filter Housings After Generator Field Turning Completed Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement

Tony Bombe Senior Field Engineer – Gas Turbine FieldCore

CODY HULETT

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE:FRIDAY, MAY 28, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		1
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		And the person with the second state of the se
JOSE ESCOBAR	BORSCOPE (UNIT 1 ST)	***************************************	
RICK ZERR	BORESCOPE INSPECTOR (UNIT 1)		
GENE MCCLARY	NDE (IAG)		
SAM FREEMAN	APM CREW ISUPERINTENDENT		I.
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		_
RANDY JOHNSON	MILLWRIGHT		-
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT	***************************************	
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		-
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		
	EDE		1
DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		
	THOMPSON INDUSTI	RIAL	

COVID CLEANING

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:FRIDAY, MAY 28, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE	1	
	APM CRE	EW	
KIRK MAY	SUPERINTENDENT	4	
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		- Alberto e atomicio di ser
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP	1	1
VADIEL SANTANA	MILL MADICHT ADD		1

From: Bombe, Tony (FieldCore) To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan;

Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)

Subject: RE: Daily update during outages - 5/29 Date: Saturday, May 29, 2021 9:21:57 AM Attachments: Roster TECO Polk Unit 1 CI 2021 5-29.pdf

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Ron / Brian,

Current Status Update as of 05/29 @ 0700.

EHS

COVID Procedures

Crane Operations

LOTO - Gas Turbine / Generator / Steam Turbine Hung

Roll Generator – Add Tag To Lube Oil Supply Piping Blind PPS 6 – Release Aux Lube Oil Pump In

Progress

Confined Space / Hot Work Permits

Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Borescope Inspection Compressor And Turbine Section

Clean Foreign Material / Scale / Deposits From Combustion Flex Hoses & Manifolds

Remove Lower TE & CE Fan Blades

Remove Lower TE Inner Gas Shields

Clean & Inspect Generator Fan Blades

Repair Generator Fan Blades – Blend Leading Edge Abrasion

Generator Fan Blade NDE Inspection

Ongoing Items Gas Turbine

Install Combustion Flex Hoses

Repair Steam Injection Control Valve

Lube Oil Filter Transfer Valve Repair

Clean & Inspect Generator End Shields

Remove Lower TE & CE Inner Gas Shields

Clean & Inspect Generator CE & TE Upper End Shields

Replace Generator Heaters
Prep For Pulling Generator Field
Disassemble Collector Housing / Exciter Duct
Remove Turning Gear
Detension Load Coupling
Marshall Special Tooling For Generator Disassembly

Completed Items Steam Turbine

Perform Stop Valve Blue Contact Checks

-

Ongoing Items Steam Turbine

Repair Stop Valve Position Indicator Instrumentation Issue Perform Control Valve Blue Contact Checks Reassemble Stop / Control Valve

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Main Steam Stop Valve Position Indicator Instrumentation Issue – New Switch Rod Being Turned At Big Bend – Issues With Machining Yoke – MidState Picking Up Shaft To See If They Can Complete Borescope Steam Turbine Results Similar To 2020 Inspection – Engineering Recommendation Is To Return To Service And Perform Periodic Borescope Inspections Until Major Can Be Performed Generator Stator Damage – Preparations To Disassemble Generator And Pull Field For Repairs In Progress

Generator TE Missing Eyebrows For Shaft Supports – Making Arrangements To Borrow From Tiger Bay In Progress

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – TECO Working To Get Tooling From Warehouse. GE Tooling Shipping For Delivery 5/29.

-

Open items

Additional / General Notes

Need Operations Support To Drain Lube Oil Filter Housings After Generator Field Turning Completed Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

CODY HULETT

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE:SATURDAY, MAY 29, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER			
DAVE WILKINSON	CONTROLS SPECIALIST GT			
CARLOS CRUZ	DAY SHIFT FES (QC)			
CODY FRANKLIN	SAFEY SPECIALIST			
	APM CREW			
SAM FREEMAN	SUPERINTENDENT			
JOHN SUPLEY	MILLWRIGHT FOREMAN			
PAUL HYJEK	MILLWRIGHT			
GREG RHOTON	MILLWRIGHT			
KIM MARTIN	MILLWRIGHT			
RANDY JOHNSON	MILLWRIGHT			
FRANK KURJACK	MILLWRIGHT			
JASON FIELDS	MILLWRIGHT			
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
JOHN PALMER	MILLWRIGHT			
MICHAEL THIBODEAU	MILLWRIGHT			
PHILLIP BEAGEZ	MILLWRIGHT			
SAMUEL BEAUGEZ	MILLWRIGHT APP			
RHETT BALL	MILLWRIGHT APP			
ERIC LEGUS	MILLWRIGHT APP		Parametralistica in the control of t	
JACOB KOACH	MILLWRIGHT APP			
<u>EDE</u>				
DAVID PETTUS	IELECTRICAL SUPPORT			
MATT DUMARS	ELECTRICAL SUPPORT			
THOMPSON INDUSTRIAL				

COVID CLEANING

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SATURDAY, MAY 29, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY		TIME IN	TIME OUT
ROD BAKER	FE			<u></u>
	APM CF	REW		
KIRK MAY	SUPERINTENDENT	1		
RICKY EWING	SUPERINTENDENT		BOWN SWADON STANSON	
PAUL DENARDO	MILLWRIGHT			
PATRICK COLE	MILLWRIGHT FOREMAN			
RANDY BUCHANAN	MILLWRIGHT			
SCOTT MAY	MILLWRIGHT			
CHRISTOPHER WALSH	MILLWRIGHT			
TRAVIS MCIVER	MILLWRIGHT			
PORTER MADARA	MILLWRIGHT APP		- Wilesing III	
YADIEL SANTANA	MILLWRIGHT APP			

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Tuesday, June 1, 2021 6:43 AM
To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/01 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_6-1.pdf

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Ron / Brian,

Current Status Update as of 06/01 @ 0700.

EHS

COVID Procedures Crane Operations LOTO – Gas Turbine / Generator / Steam Turbine Hung Confined Space / Hot Work Permits Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Install Combustion Flex Hoses
Remove Lower TE & CE Inner Gas Shields
Detension Load Coupling
Separate Load Coupling
Restore Fire Protection Conduit
Prep Site For Holiday Week End Off

Ongoing Items Gas Turbine

Repair Steam Injection Control Valve
Lube Oil Filter Transfer Valve Repair
Replace Generator Heaters
Marshall Special Tooling For Generator Disassembly
Prep For Pulling Generator Field – Remove Lower Bearings & End Shields
Disassemble Collector Housing / Exciter Duct
Remove Turning Gear

Completed Items Steam Turbine

Perform Stop / Control Valve Blue Contact Checks

Ongoing Items Steam Turbine

Repair Stop Valve Position Indicator Instrumentation Issue Lap Stop / Control Valve Seat Reassemble Stop / Control Valve

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Main Steam Stop Valve Position Indicator Instrumentation Issue – New Switch Rod Being Turned At Big Bend – Issues With Machining Yoke – MidState Picking Up Shaft To See If They Can Complete

Borescope Steam Turbine Results Similar To 2020 Inspection – Engineering Recommendation Is To Return To Service And Perform Periodic Borescope Inspections Until Major Can Be Performed

Generator Stator Damage – Preparations To Disassemble Generator And Pull Field For Repairs In Progress
Generator TE Missing Eyebrows For Shaft Supports – Arrangements Made To Borrow From Tiger Bay – Will Pick Up This
Morning

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – TECO Working To Get Tooling From Warehouse Identified. GE Tooling Shipping On Site. Sending Shaft Support Sling To Certified Sling For Inspection / Load Testing This Morning

Open items

Additional / General Notes

Need Operations Support To Drain Lube Oil Filter Housings This Morning - Generator Field Turning Completed

Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A

Requirement

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, JUNE 1, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER	1	1
CARLOS CRUZ	DAY SHIFT FES (QC)		
TOOD FIORILLE	IT LEADERSHIP		
RAY ALLEN	SAFEY SPECIALIST		
	APM CREW		
SAM FREEMAN	SUPERINTENDENT		1
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		
	EDE		
DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		
and the second s	THOMPSON INDUS	STRIAL	
CODY HULETT	COVID CLEANING	1	

TECO POLK SPRING 2021

NIGHT SHIFT

DATE: TUESDAY, JUNE 1, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY		TIME IN	TIME OUT
ROD BAKER]FE			
	APM C	REW		
KIRK MAY	SUPERINTENDENT	1		I
RICKY EWING	SUPERINTENDENT			
PAUL DENARDO	MILLWRIGHT			
PATRICK COLE	MILLWRIGHT FOREMAN			
RANDY BUCHANAN	MILLWRIGHT			
SCOTT MAY	MILLWRIGHT			
CHRISTOPHER WALSH	MILLWRIGHT			
TRAVIS MCIVER	MILLWRIGHT	THE RESERVE OF THE PARTY.		
PORTER MADARA	MILLWRIGHT APP			
YADIEL SANTANA	MILLWRIGHT APP			

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Wednesday, June 2, 2021 9:14 AM
To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/02 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_6-2.pdf

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Ron / Brian,

Current Status Update as of 06/02 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Complete Installing Turbine Compartment Fire Protection
Clean & Inspect Inlet Guide Vanes
Take T3 And T4 Bore Readings
Install Shaft Jack T4 Bearing
Roll Out lower T4 Bearing
Remove Lower CE H2 Seal Casing
Remove Lower CE Inner Oil Deflector
Take Journal Diameters T4 Bearing / H2 Seal / Inner Oil Deflector Lands
Disassemble Collector Housing / Exciter Duct
Remove Turning Gear
Remove Collector Brush Rigging
Remove Exciter Base

Ongoing Items Gas Turbine

Repair Steam Injection Control Valve
Lube Oil Filter Transfer Valve Repair
Replace Generator Heaters
Marshall Special Tooling For Generator Disassembly
Prep For Pulling Generator Field – Remove Lower Bearings & End Shields

Completed Items Steam Turbine

Rough Install Stop Valve Switch Rod

Ongoing Items Steam Turbine

Repair Stop Valve Position Indicator Instrumentation Issue Lap Stop / Control Valve Seat Reassemble Stop / Control Valve

<u>Issues</u>

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Main Steam Stop Valve Position Indicator Instrumentation Issue – New Switch Rod Being Turned At Big Bend – Issues With Machining Yoke – MidState Picking Up Shaft To See If They Can Complete

Borescope Steam Turbine Results Similar To 2020 Inspection – Engineering Recommendation Is To Return To Service And Perform Periodic Borescope Inspections Until Major Can Be Performed

Generator Stator Damage – Preparations To Disassemble Generator And Pull Field For Repairs In Progress
Generator TE Missing Eyebrows For Shaft Supports – Arrangements Made To Borrow From Tiger Bay – Issue With
Removing Eyebrows Noted During Review With Duke – Working To Mock Up Alternative

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – TECO Working To Get Tooling From Warehouse Identified. GE Tooling Shipping On Site. Sending Shaft Support Sling To Certified Sling For Inspection / Load Testing This Morning

Open items

Additional / General Notes

Need Operations Support To Drain Lube Oil Filter Housings This Morning - Generator Field Turning Completed
Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A
Requirement

Need Oak Dunnage – Understand There Is Some 8" X 8" Material At Bayside

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform -

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, JUNE 2, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER	Ī	I
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHUM	GENERATOR SPECIALIST		
TODD FIORILLE	IT LEADERSHIP		
RAY ALLEN	SAFEY SPECIALIST		
	APM CREW		
SAM FREEMAN	SUPERINTENDENT		
JOHN DAVENPORT	MILLWRIGHT FOREMAN		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT	The state of the s	100000000000000000000000000000000000000
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		
	EDE		
DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		
	THOMPSON INDUS	STRIAL	

COVID CLEANING

CODY HULETT

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:WEDNESDAY, JUNE 2, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY		TIME IN	TIME OUT
ROD BAKER	FE	1		
	APM C	REW		
KIRK MAY	SUPERINTENDENT	ī		T
RICKY EWING	SUPERINTENDENT			
PAUL DENARDO	MILLWRIGHT			
PATRICK COLE	MILLWRIGHT FOREMAN			
RANDY BUCHANAN	MILLWRIGHT			
SCOTT MAY	MILLWRIGHT			
CHRISTOPHER WALSH	MILLWRIGHT		TO THE PARTY OF TH	
TRAVIS MCIVER	MILLWRIGHT			
PORTER MADARA	MILLWRIGHT APP			
VADIEL SANTANA	MILL WRIGHT APP			

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Thursday, June 3, 2021 5:56 AM **To:** Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/03 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_6-3.pdf

CAUTION - External Email

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Ron / Brian,

Current Status Update as of 06/03 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Develop / Mock Up Process For Removing Shaft Support Eyebrows CE On Operating Unit – Get Approved By Duke For Removing From Operating Unit

Remove Shaft Support Eyebrows From Duke Tiger Bay For Polk 1 TE

Install CE Shaft Support

Remove Shaft Jack T4 Bearing

Install Shaft Jack T3 Bearing

Roll Out lower T3 Bearing

Remove Lower TE H2 Seal Casing

Remove Lower TE Inner Oil Deflector

Install TE Shaft Support Eyebrows

Install TE Shaft Support

Remove TE Lower End Shield Oil Supply / Drain Piping

Detension TE Lower End Shield Bolting

Detension CE Lower End Shield Bolting

Install Tracks For Field Trolley's

Perform Visual Inspection Generator TE End Windings & Core Iron (By Generator Specialist)

Visually Inspect Generator Electrical Test Equipment

Ongoing Items Gas Turbine

Repair Steam Injection Control Valve

Lube Oil Filter Transfer Valve Repair Replace Generator Heaters Remove TE Lower End Shield Remove CE Lower End Shield Install Skid Pan & Field Body Shoes Prepare For Core Ring Test

Completed Items Steam Turbine

Ongoing Items Steam Turbine

Restore Stop Valve Position Indicator Instrumentation
Lap Stop / Control Valve Seat – Cutting 90% Of Seat – Should Move To Polishing Today
Reassemble Stop / Control Valve

<u>Issues</u>

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Stator Damage - Preparations To Disassemble Generator And Pull Field For Repairs In Progress

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items

Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material Requested From Tool Center – Engineering Consulted For Test Parameters (Voltage / Amps / Turns) – Arrangements For FLIR Vendor (Thermal Photography) In Progress

Additional / General Notes

Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement

Need Oak Dunnage - Scheduled For Delivery From Bayside This Morning

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning — Who Will Perform -

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Friday, September 17, 2021 8:26 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport,

Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.

Subject: RE: Daily update during outages - 09/17

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Ron / Brian,

Current Status Update as of 06/03 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Mobilize Turbine Compartment – Establish FME Zone 2

Marshall / Stage Tooling - Receive Exhaust Casing Hydraulic Tooling

Determinate Turbine Compartment Fan

Remove T2 Bearing Tunnel Piping From Fan Module

Unbolt Exhaust Frame / Bearing Tunnel – Turbine Compartment Fan Assemblies

Remove Upper Exhaust Frame Blower Flex Hoses

Hot Bolt Upper Exhaust Frame Blower Manifold

Install Turbine / Exhaust Casing Vertical Joint Jack

Detension & Remove Exhaust / Turbine Casing Vertical Joint Bolts

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Determinate Aft Turbine Compartment Roof (Exhaust Frame / Bearing Tunnel Blower – 90TS Valve – Pressure Switches & Transmitters – Hazardous Gas Detectors)

Remove Roof Piping

Remove Turbine Compartment Fan / Exhaust Frame Blower - Bearing Tunnel Blower Assemblies

Remove Aft Turbine Compartment Roof Panel

Detension & Remove Exhaust Casing External Horizontal Joint Bolts

Remove Insulation Aft Exhaust Casing To Aft Turbine Compartment Wall

Detension & Remove Exhaust / Diffuser Vertical Joint Bolts

Ongoing Items Generator Reassembly

Support Rewind Activities

<u>Issues</u>

Parts / Tools / Consumables

Open items

Additional / General Notes

Additional Manpower Arrived On Site To Support T2 Bearing Lift Oil For Day Shift – Night shift

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE: THURSDAY, JUNE 3, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER	Ī	I
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST		
	APM CREW		
SAM FREEMAN	SUPERINTENDENT	Ŧ	1
JOHN SUPLEY	MILLWRIGHT FOREMAN	The second second	
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT	İ	
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP	and the second s	
JACOB KOACH	MILLWRIGHT APP		

THOMPSON INDUSTRIAL

	A Process and any ASSA Model Section of the Section of the Company	
CODY HULETT	COVID CLEANING	

TECO POLK SPRING 2021

NIGHT SHIFT

DATE: THURSDAY, JUNE 3, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		1
	APM CR	REW	
KIRK MAY	SUPERINTENDENT		1
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN	233 9	
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
VADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Monday, June 7, 2021 8:27 AM
To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/04
Attachments: Roster TECO Polk Unit 1 Cl 2021 6-7.pdf

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Ron / Brian,

Current Status Update as of 06/04 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Field Removed – Temporary Storage Steam Turbine Crane Bay Initial Clean Stator Core / End Windings For Electrical Testing Initial Stator Core Visual Inspection Perform Electrical Testing Stator Core (DLRO / 5K Meggar / PI) Perform Electrical Testing Field (DLRO / 500V Meggar / Pi)

Ongoing Items Gas Turbine

Stator Electrical Testing — El Cid / DC Leakage / HIPOT Field Electrical Testing Repair Steam Injection Control Valve Lube Oil Filter Transfer Valve Repair Fuel Gas Vent Valve / Transmitter Replace Generator Heaters Prepare For Core Ring Test

Completed Items Steam Turbine

Lapping Steam Stop / Control Valve

Ongoing Items Steam Turbine

Restore Stop Valve Position Indicator Instrumentation

1

Blue Contact Check Steam Stop / Control Valve Polish Stop / Control Valve Seat Reassemble Stop / Control Valve

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Stator Damage - Preparations To Disassemble Generator And Pull Field For Repairs In Progress

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items

Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE
Provided Tooling / Material Requested From Tool Center – Engineering Consulted For Test Parameters (Voltage / Amps / Turns) – Arrangements For FLIR Vendor (Thermal Photography) In Progress

Additional / General Notes

Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement

Need Oak Dunnage - Scheduled For Delivery From Bayside This Morning

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning — Who Will Perform -

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:MONDAY, JUNE 7, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
149 4101 ha	KEUT ONOIDIETT I	THUIL IIV	THEOT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST	THE PERSON NAMED OF THE PE	
MICHAEL LOVELESS	PRODUCT SERVICE ENGINEER		
JEFF SHULL	POJECT CONTROLS SPECIALIST		
	APM CREW		erona e Managara (adeste a constante a
SAM FREEMAN	SUPERINTENDENT		1
JOHN SUPLEY	MILLWRIGHT FOREMAN		
GREG RHOTON	MILLWRIGHT		
VINA NAADTINI	MILLAMDICUT		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1

SAM FREEMAN	SUPERINTENDENT	
JOHN SUPLEY	MILLWRIGHT FOREMAN	
GREG RHOTON	MILLWRIGHT	
KIM MARTIN	MILLWRIGHT	
RANDY JOHNSON	MILLWRIGHT	The Control of the Co
FRANK KURJACK	MILLWRIGHT	
JASON FIELDS	MILLWRIGHT	
TIM BALL	MILLWRIGHT	
JUSTIN LANGSDON	MILLWRIGHT	
JOHN PALMER	MILLWRIGHT	
MICHAEL THIBODEAU	MILLWRIGHT	
PHILLIP BEAGEZ	MILLWRIGHT	
SAMUEL BEAUGEZ	MILLWRIGHT APP	
ERIC LEGUS	MILLWRIGHT APP	
JACOB KOACH	MILLWRIGHT APP	

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING	4	
ACCOMPANIES OF THE PARIES OF T			

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Tuesday, June 8, 2021 5:31 AM **To:** Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/08

Attachments: 337X011 As Found El-Cid 2.pdf; TECO POLK AS FOUND HOT SPOTS 337X011.dec; Roster TECO

Polk_Unit 1 CI 2021_6-8.pdf

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Ron / Brian,

Current Status Update as of 06/08 @ 0700.

EHS

COVID Procedures Crane Operations LOTO – Gas Turbine / Generator / Steam Turbine Hung Confined Space / Hot Work Permits Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Perform EL CID Test On Stator Core – Summary Attached
Replace Lube Oil Filter Transfer Valve
Repair Cooling & Sealing Air Instrumentation Tubing
Clean Inlet Plenum
Investigate Fuel Gas Cavity Pressure Transmitter (96FG-2D)
Dimensional Measurements Field Journals, Hydrogen Seal / Inner Oil Deflector Lands

Ongoing Items Gas Turbine

Stator Electrical Testing — DC Leakage / HIPOT Field Electrical Testing Repair Steam Injection Control Valve Fuel Gas Vent Valve / Transmitter Replace Generator Heaters Clean & Inspect Generator Components Collector Ring Inspections Dry In Field Storage

Completed Items Steam Turbine

Polish Steam Stop / Control Valve Seats

1

Perform Final Blue Contact Check
Perform Pre-Assembly Clean / Close Out Inspections
Install Steam Stop Valve Stem / Disc Assembly
Reassemble Stop Valve Position Switch Rod

Ongoing Items Steam Turbine

Reassemble Stop / Control Valve

<u>Issues</u>

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings In Progress
Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring
Damage From Lamination, Collector Ring Wear

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items

Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning — Who Will Perform

GTE Needs Cleaning – Need Direction On Cleaning – Who Will Perform

Need Operations Support To Isolate / Apply LOTO To Generator Hydrogen Cooler Cooling Water Supply / Return

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO GT-1 As Found El-Cid

only indication noted in the test was in slot 1 about 1.75 meters into the Today I performed the as found El-Cid test on the stator core. The test core from the CE. I have attached the scans below along with the test would not allow the trolly and chattock close enough to the surface. ` did not include the step-irons due to the height of the end wedges parameters and peaks.

Prepared by: Jon Meacham

Generator Serial Number: 337X011 Turbine Serial Number: 296436

Station: Polk County

Customer: TECO Date: 6-7-2021

Χ Cancel ⋖ > > Calculate Single Turn Voltage 22.59 22.23 10 3 phase **Excitation Current Excitation Turns** Measured Single Turn Voltage Recommended Single Turn Voltage Windings Per Slot Turns Per Phase In Series (Tp) ŏ Phasing Year Of TECO POLK COUNTY GT-1 Station Name **Unit Name** metres rpm Machine Parameters | Test Parameters | MΜ General Electric Turbo 4.064 3600 213 18 09 09 Test Date Machine Type Manufacturer Rated Voltage Frequency Rotation Speed Number Of Slots Length Of Core Comments Rated Power Core Split Locations Header Data



ELCID TEST Data ELCID TEST AS FOUND

Date: 6-7-2021 Customer: TECO Station: Polk

Generator Serial Number: 337X011 Turbine Serial Number: 296436

Prepared by: Jon Meacham

DISCRIPTION OF TEST

induced in the iron and a current will flow if the iron has been inadvertently smeared electrically together. An action level of 100 neighboring core lamination. This insulating layer minimizes circulating currents and subsequent heating in the iron. Excessive heating in the iron has the potential of degrading the stator bars, which are in contact with the core iron surfaces. A 4% flux is milliamps is set at which point grinding will be performed to remove the "electrical" connection between a gouged or smeared An Electro Magnetic Core Imperfection Detection Test was performed on all core slots during the winding process. The precomputer. An analysis of the data did not reveal any areas that exceeded the allowable threshold. The ELCID test indicates disassembly and post wedge final test results are included with this report. The data was collected and recorded in a laptop areas on the inside diameter of the core iron surface that are electrically connected by smeared individual core laminations together. These core laminations are individually varnished so that the varnish film provides an insulation barrier to its

The Black trace indicates the trolley movement was from the CE (Collector End) to TE (Turbine End) Red color indicates > 100 milliamp trace

The Blue trace indicates the trolley movement was from the TE (Turbine End) to CE (Collector End) Red color indicates > 100 milliamp trace

The following page (peaks) indicates the highest readings during the performance of the test. No slots had any indications equal to or greater 100 ma during this test.

Y axis indications milliamps, X axis is axial location in the core



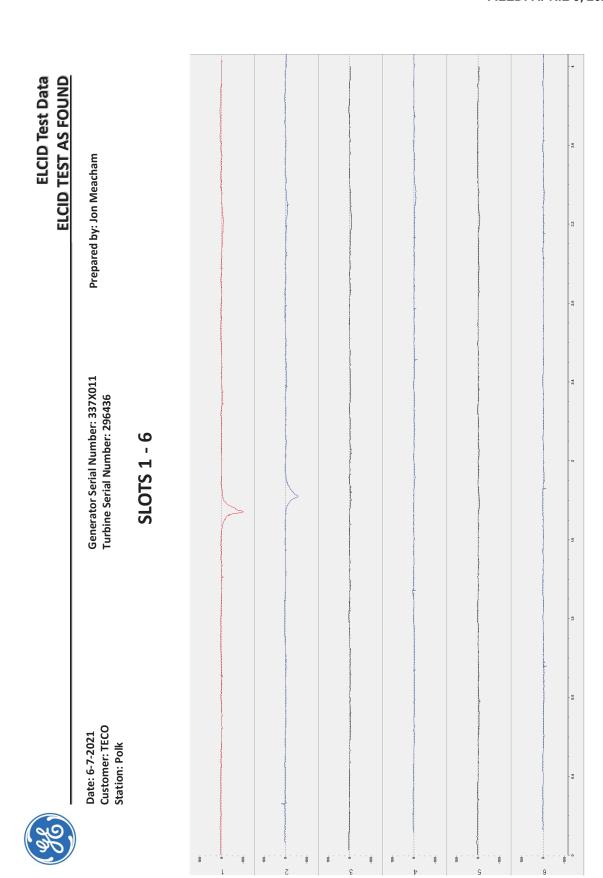
Generator Serial Number: 337X011 Turbine Serial Number: 296436

Customer: TECO Station: Polk Date: 6-7-2021

Prepared by: Jon Meacham

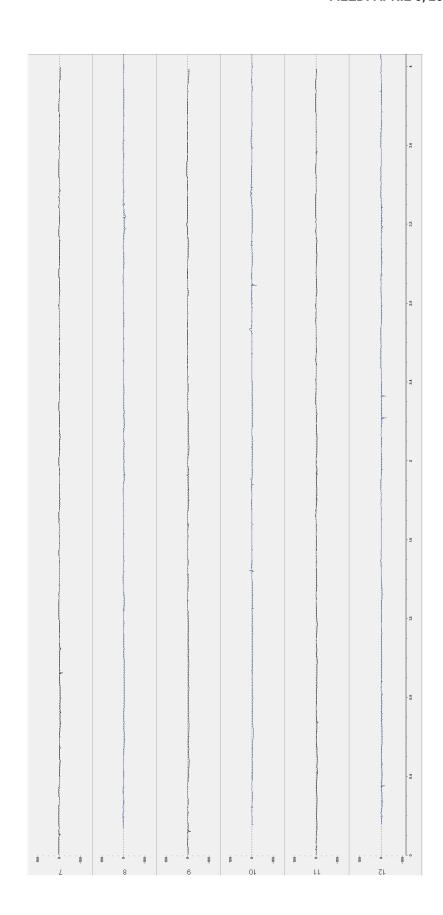
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-13	17 -15	27 -13	37 6	47	57 -19
9 -14	16	26 -54	36 16	46	56 -13
φα	15 -22	25	35	45	55
-15	14	24 -11	34	44	54 -12
3	13	23	33	43	53
2-56	12	22 25	32-28	42 -15	52
-108	11	21	31	4 0	51





Prepared by: Jon Meacham Generator Serial Number: 337X011 Turbine Serial Number: 296436

SLOTS 7 - 12





Date: 6-7-2021 Customer: TECO Station: Polk

Prepared by: Jon Meacham Generator Serial Number: 337X011 Turbine Serial Number: 296436 **SLOTS 13 - 18** Date: 6-7-2021 Customer: TECO Station: Polk



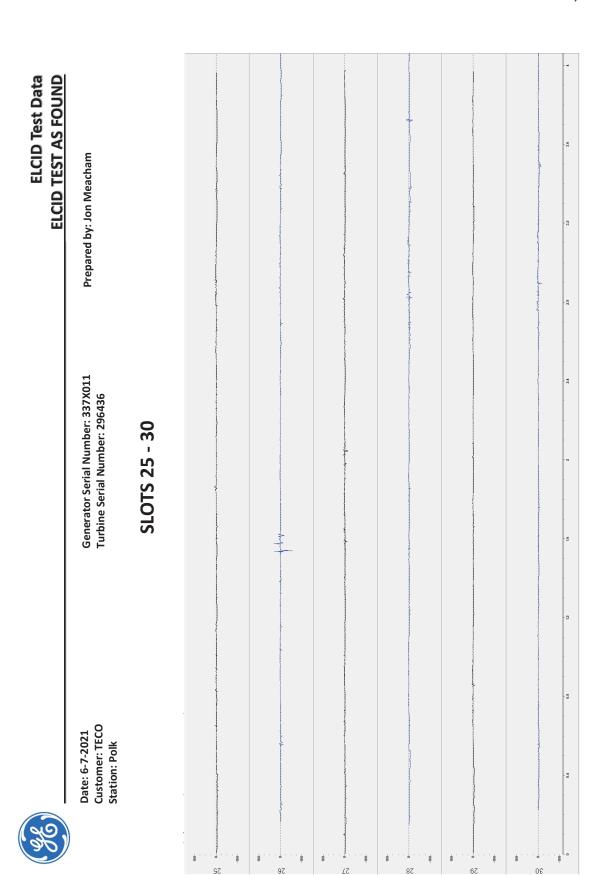
Prepared by: Jon Meacham Generator Serial Number: 337X011 Turbine Serial Number: 296436 **SLOTS 19 - 24** Date: 6-7-2021 Customer: TECO Station: Polk

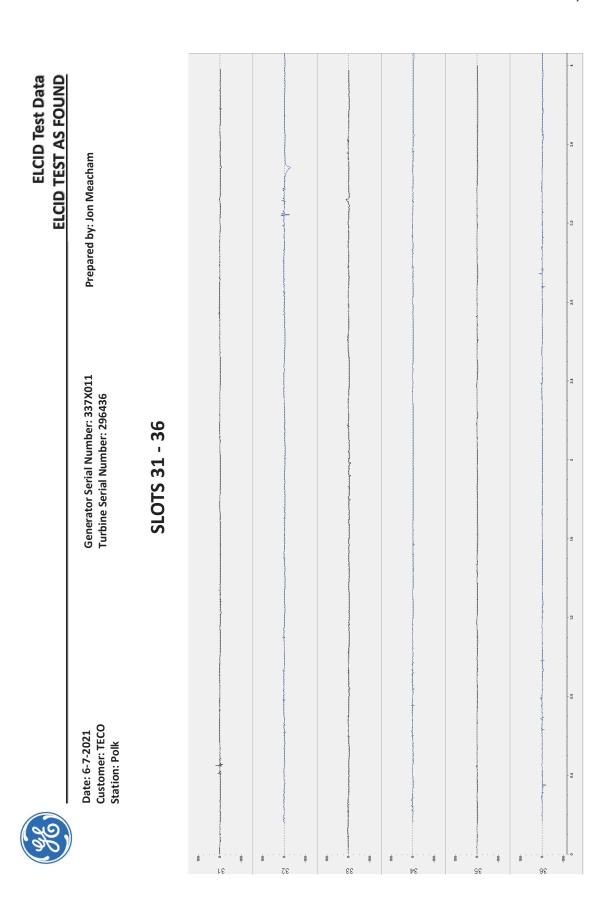


12

22

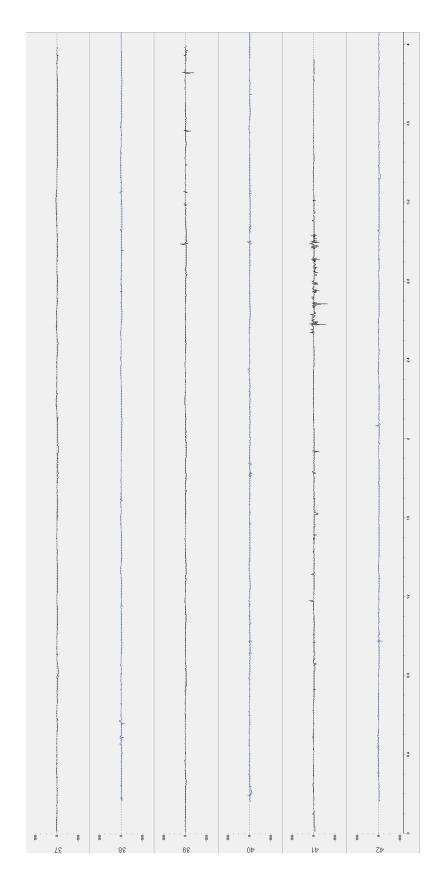
23





Prepared by: Jon Meacham Generator Serial Number: 337X011 Turbine Serial Number: 296436 Date: 6-7-2021 Customer: TECO Station: Polk

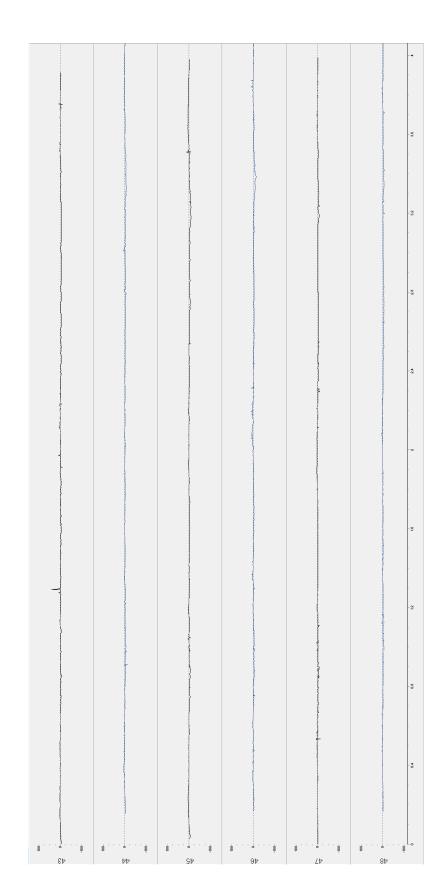
SLOTS 37 - 42





Prepared by: Jon Meacham Generator Serial Number: 337X011 Turbine Serial Number: 296436 Date: 6-7-2021 Customer: TECO Station: Polk

SLOTS 43 - 48

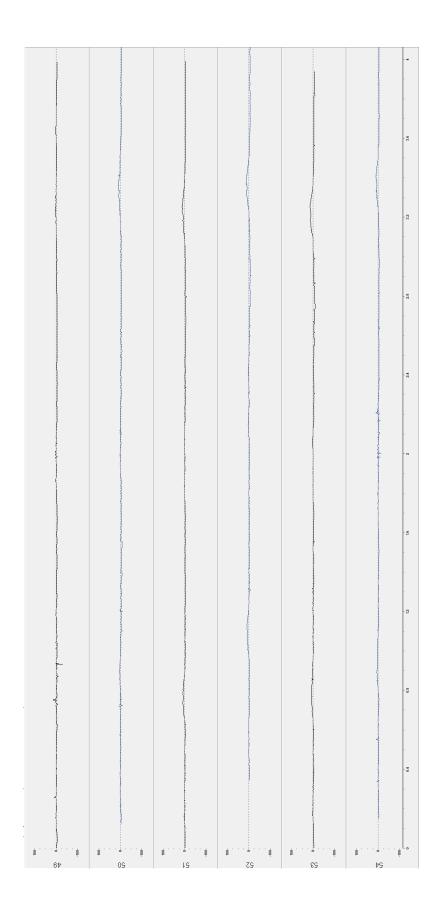




ELCID Test Data ELCID TEST AS FOUND

Prepared by: Jon Meacham Generator Serial Number: 337X011 Turbine Serial Number: 296436 Date: 6-7-2021 Customer: TECO Station: Polk

SLOTS 49 - 54

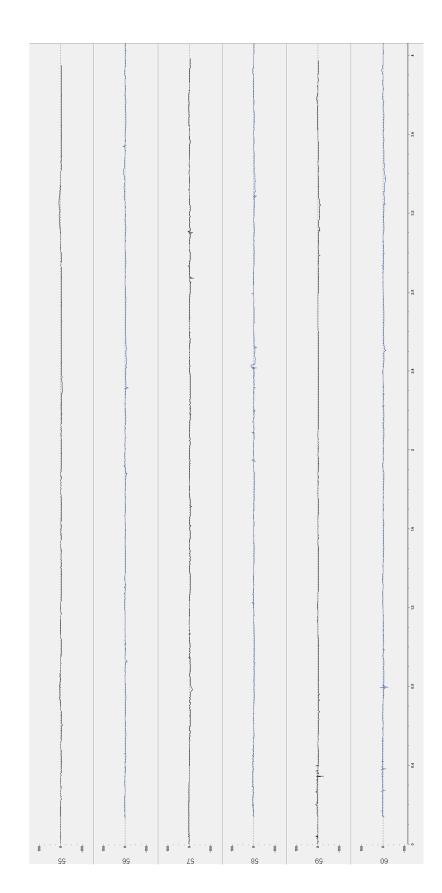




ELCID Test Data ELCID TEST AS FOUND

Prepared by: Jon Meacham Generator Serial Number: 337X011 Turbine Serial Number: 296436 Date: 6-7-2021 Customer: TECO Station: Polk

SLOTS 55 - 60





TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, JUNE 8, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER	43-20-	
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST		
MICHAEL LOVELESS	PRODUCT SERVICE ENGINEER		
JEFF SHULL	POJECT CONTROLS SPECIALIST		
SAM FREEMAN	APM CREW SUPERINTENDENT		1
JOHN SUPLEY	MILLWRIGHT FOREMAN		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
The second secon			-Marine Committee (All Lands)

GREG RHOTON	MILLWRIGHT	
KIM MARTIN	MILLWRIGHT	
RANDY JOHNSON	MILLWRIGHT	
FRANK KURJACK	MILLWRIGHT	
JASON FIELDS	MILLWRIGHT	150000
TIM BALL	MILLWRIGHT	
JUSTIN LANGSDON	MILLWRIGHT	
JOHN PALMER	MILLWRIGHT	
MICHAEL THIBODEAU	MILLWRIGHT	
PHILLIP BEAGEZ	MILLWRIGHT	
SAMUEL BEAUGEZ	MILLWRIGHT APP	
ERIC LEGUS	MILLWRIGHT APP	
JACOB KOACH	MILLWRIGHT APP	

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING	

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Wednesday, June 9, 2021 9:13 AM **To:** Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: Daily update during outages - 06/09 **Attachments:** Roster TECO Polk Unit 1 Cl 2021 6-9.pdf

CAUTION - External Email

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Ron / Brian,

Current Status Update as of 06/09 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Install Temporary Wood End Shields TE /CE – Remove Dehumidifier Trunking

Perform Stator Electrical Testing (5K Meggar / DC Leakage / HIPOT) All Phases Past at 40KV

Rework Field Awning – Install Sides / Ends – Clean Retaining Rings – Apply Heat (Halogen Lights / Portable Heaters)

Inspect Collector Rings (Visually / Dimensionally / Groove Depth)

Perform Field Electrical Testing (500V Meggar) Readings Improved – PI Estimated at 6

Perform Incoming Inspections New TE / CE Inner & Outer Oil Deflectors

Complete Visual / Dimensional Inspections – T3 & T4 Bearing

Construct Boxes And Place T3 & T4 Bearings For Shipping Off-Site (In Case Needed)

Clean Up Work Area Lube Oil Filter Transfer Valve

Install Flame Scanner Sight Tubes / Cooling Water Supply & Return Tubing

Close Turbine Compartment Explosion Doors

Install Temporary Wood End Shields TE /CE – Install Dehumidifier Trunking

Ongoing Items Gas Turbine

Stator Electrical Testing — Confirmation Meggar Post HIPOT Repair Steam Injection Control Valve Fuel Gas Vent Valve / Transmitter Replace Generator Heaters Clean & Inspect Generator Components Remove Hydrogen Coolers

1

Completed Items Steam Turbine

Install Steam Stop Valve Pressure Seal Head Pull Down Ring
Perform Final Clean Out / Close Out Inspection Stop – Control Valve Body
Install Steam Strainer Basket
Install Control Valve Bonnet Assembly
Tension Control Valve Bonnet Studs

Ongoing Items Steam Turbine

Reassemble Control Valve Spring Can Install Control Valve Actuator Couple Control Valve Actuator / Valve Stem Couple Stop Valve Actuator / Valve Stem

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – GE Recommendation To Perform Repairs

Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items

Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning — Who Will Perform

GTE Needs Cleaning – Need Direction On Cleaning – Who Will Perform

Need Operations Support To Isolate / Apply LOTO To Generator Hydrogen Cooler Cooling Water Supply / Return – Two Additional Valves Need Added To LOTO

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, JUNE 9, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		1
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		
SAM FREEMAN	APM CREW SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
FRANK KURJACK	MILLWRIGHT		The state of the s
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP	- Aller - Control Manual Manua	
JACOB KOACH	MILLWRIGHT APP		1
-	THOMPSON INDUST	DIAL	

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING	

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Thursday, June 10, 2021 6:25 AM **To:** Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/10 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_6-10.pdf

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Ron / Brian,

Current Status Update as of 06/10 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine In Place
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator

Remove Temporary Wood End Shields CE – Remove Dehumidifier Trunking

Perform Post HIPOT Stator Electrical Testing (5KV Meggar) All Phases < 85% Pre-HIPOT 1 Minute Values – Results Not Within GE Specification

Remove Field Trolley Channels / Rails – Grind Welds Smooth

Install Decking Between Collector Cab Floor And Stator Frame

Modify Temporary Wood End Shields CE To Account For Decking - Install Dehumidifier Duct

Investigate Fuel Gas P2 Cavity Pressure Issue

Ship GE Provided Field Removal Tooling

Ongoing Items Gas Turbine / Generator

Clean And Inspect GTE

Repair Steam Injection Control Valve

Fuel Gas Vent Valve / Transmitter

Replace Generator Heaters

Clean & Inspect Generator Components

Remove Hydrogen Cooler Cooling Water Piping

Remove Hydrogen Coolers - Awaiting Load Bearing Scaffolding To Arrive & Installed

Completed Items Steam Turbine

Reassemble Control Valve Spring Can

1

Install Control Valve Actuator
Couple Control Valve Actuator / Valve Stem
Install Packing Leak Off / Below Seat Drain Piping
Install Control Valve Actuator Hydraulic Supply / Return Piping

Ongoing Items Steam Turbine

Couple Stop Valve Actuator / Valve Stem
Weld Lock Tabs Control Valve Actuator Hydraulic Supply / Return Piping
Restore Decking Above Stop / Control Valve
Roll Back All Tooling – Return TECO Tooling (Stud Heater Rods)
Pack GE Provided Tooling For Shipping

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – All 3 Phases Failed Post HIPOT 5 KV Meggar - GE Recommendation To Perform Repairs Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items

Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning — Who Will Perform

GTE Needs Cleaning - Need Direction On Cleaning - EDE Will Begin Cleaning Today

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE: THURSDAY, JUNE 10, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		1
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		
SAM FREEMAN	APM CREW ISUPERINTENDENT		T
JOHN SUPLEY	MILLWRIGHT FOREMAN		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		
	THOMPSON INDUST	RIAL	
CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Friday, June 11, 2021 6:52 AM
To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/11
Attachments: Roster TECO Polk Unit 1 Cl 2021 6-11.pdf

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Ron / Brian,

Current Status Update as of 06/11 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine In Place
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator

Walk Down Generator Hydrogen Cooler Cooling Water LOTO – Sign / Lock On – Establish Satellite Box Remove Hydrogen Cooler Cooling Water Supply / Return Piping

Ongoing Items Gas Turbine / Generator

Clean And Inspect GTE

Repair Steam Injection Control Valve

Fuel Gas Vent Valve / Transmitter

Replace Generator Heaters

Clean & Inspect Generator Components

Remove Hydrogen Coolers - Awaiting Load Bearing Scaffolding To Arrive & Installed

Completed Items Steam Turbine

Couple Stop Valve Actuator / Valve Stem
Weld Lock Tabs Control Valve Actuator Hydraulic Supply / Return Piping
Restore Decking Above Stop / Control Valve
Roll Back All Tooling – Return TECO Tooling (Stud Heater Rods)
Pack GE Provided Tooling For Shipping

Ongoing Items Steam Turbine

Demobilize Steam Turbine

Stroke Stop / Control Valve Adjust Stop Valve Position Indications Install Thermocouple Broken During Borescope Inspection

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – All 3 Phases Failed Post HIPOT 5 KV Meggar - GE Recommendation To Perform Repairs Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced GTE Heaters Inoperable – Work Order Tag Hanging On Breaker

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items

Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning — Who Will Perform

GTE Needs Cleaning – Need Direction On Cleaning – Awaiting LOTO On GTE Fans & Heaters
GT HPU Transfer Pump – Needs To Be Removed To Allow Generator Hydrogen Cooler Scaffolding To Be Installed
Need Operations Support Releasing Steam Turbine LOTO PPS 48 To Allow Stop / Control Valve Testing

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

CODY HULETT

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE:FRIDAY, JUNE 11, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER		Î	
DAVE WILKINSON	CONTROLS SPECIALIST GT			
CARLOS CRUZ	DAY SHIFT FES (QC)			
JON MEACHAM	GENERATOR SPECIALIST			
RAY ALLEN	SAFEY SPECIALIST			
JEFF SHULL	POJECT CONTROLS SPECIALIST			
	APM CREW			
SAM FREEMAN	SUPERINTENDENT		1	
JOHN SUPLEY	MILLWRIGHT FOREMAN			
FRANK KURJACK	MILLWRIGHT			
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
MICHAEL THIBODEAU	MILLWRIGHT			
JACOB KOACH	MILLWRIGHT APP			
EDE				
DAVID PETTUS	ELECTRICAL SUPPORT		1	
MATT DUMARS	ELECTRICAL SUPPORT			
THOMPSON INDUSTRIAL				

COVID CLEANING

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Monday, June 14, 2021 6:25 AM
To: Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/14 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_6-14.pdf

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Ron / Brian,

Current Status Update as of 06/14 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine In Place
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator

Install Steam Injection Control Valve
Remove GT HPU Transfer Pump Station
Erect Load Bearing Scaffolding For Hydrogen Coolers
Support MDA / Barnhardt Crane
Investigate Fuel Gas P2 Cavity Pressure Issues

Ongoing Items Gas Turbine / Generator

Clean And Inspect GTE
Terminate Steam Injection Control Valve
Replace Generator Heaters
Clean & Inspect Generator Components
Remove Hydrogen Coolers – Awaiting Load Bearing Scaffolding To Arrive & Installed

, ,

Completed Items Steam Turbine

Demobilize Steam Turbine
Install Thermocouple Broken During Borescope Inspection
Release All LOTO

Ongoing Items Steam Turbine

Stroke Stop / Control Valve

Adjust Stop Valve Position Indications

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – All 3 Phases Failed Post HIPOT 5 KV Meggar - GE Recommendation To Perform Repairs Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced GTE Heaters Inoperable – Work Order Tag Hanging On Breaker Steam Turbine Glad Seal Pressure Switch – Switch Is Grounded / Needs Replaced

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items

Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning — Who Will Perform

GTE Needs Cleaning – Awaiting LOTO On GTE Fans & Heaters
Spark Plug / Flame Scanner Operational Checks – Need LOTO Support To Release PPS 3, PPS 83 & PPS 89

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:MONDAY, JUNE 14, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER	1	Ī	
DAVE WILKINSON	CONTROLS SPECIALIST GT			
JON MEACHAM	GENERATOR SPECIALIST			
	APM CREW			
SAM FREEMAN	SUPERINTENDENT			
JOHN SUPLEY	MILLWRIGHT FOREMAN			
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
MICHAEL THIBODEAU	MILLWRIGHT			
RHETT BALL	MILLWRIGHT APP			
EDE				
DAVID PETTUS	ELECTRICAL SUPPORT		1	
MATT DUMARS	ELECTRICAL SUPPORT			
THOMPSON INDUSTRIAL				
CODY HULETT	COVID CLEANING		1	

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Tuesday, June 15, 2021 6:34 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/15 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_6-15.pdf

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Ron / Brian,

Current Status Update as of 06/15 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine In Place
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator

Terminate Steam Injection Control Valve
Stroke / Calibrate Steam Injection Control Valve
Prep Hydrogen Coolers For Removal – Unbolt Tube Sheets / Floating Ends
Fabricate Rails & Pull Fixture For Hydrogen Coolers

Ongoing Items Gas Turbine / Generator

Install Rails And Pulling Fixtures For Removing Hydrogen Coolers
Remove Hydrogen Coolers
Clean And Inspect GTE
Operationally Test Spark Plugs
Function Check Flame Scanners / Investigate Intensity Issues
Replace Generator Heaters
Clean & Inspect Generator Components

Completed Items Steam Turbine

Ongoing Items Steam Turbine

Stroke Stop / Control Valve

Adjust Stop Valve Position Indications

Issues

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – All 3 Phases Failed Post HIPOT 5 KV Meggar - GE Recommendation To Perform Repairs Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced GTE Heaters Inoperable – Work Order Tag Hanging On Breaker – Quote In Progress To Investigate Steam Turbine Glad Seal Pressure Switch – Switch Is Grounded / Needs Replaced

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items

Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning — Who Will Perform

Unable To Stroke Steam Turbine Control Valve – LOTO (PPS 17) Hanging On Hydraulic Pumps For Exciter Work – Need To Coordinate Work Scopes To Allow Stop / Control Valve Calibration

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, JUNE 15, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER	1	1
DAVE WILKINSON	CONTROLS SPECIALIST GT		
ROD BAKER	NIGHT SHIFT FES		
JON MEACHAM	GENERATOR SPECIALIST		
	APM CREW		
SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
RHETT BALL	MILLWRIGHT APP		
	EDE		
DAVID PETTUS	ELECTRICAL SUPPORT		1
MATT DUMARS	ELECTRICAL SUPPORT		
	THOMPSON INDUS	TRIAL	
CODY HULETT	COVID CLEANING	L	1

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Wednesday, June 16, 2021 6:17 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/16 **Attachments:** Roster TECO Polk Unit 1 CI 2021 6-16.pdf

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Ron / Brian,

Current Status Update as of 06/16 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine In Place
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator

Install Rails And Pulling Fixtures For Removing Hydrogen Coolers Remove Hydrogen Coolers Clean Generator Terminal Enclosure Operationally Test Spark Plugs

Ongoing Items Gas Turbine / Generator

Function Check Flame Scanners / Investigate Intensity Issues Inspect Generator Core Outer Diameter Clean Generator Cooler Bays Replace Generator Heaters Clean & Inspect Generator Components

Completed Items Steam Turbine

Stroke Stop / Control Valve Adjust Stop Valve Position Indications Calibrate Control Valve

<u>Issues</u>

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – All 3 Phases Failed Post HIPOT 5 KV Meggar - GE Recommendation To Perform Repairs Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced GTE Heaters Inoperable – Work Order Tag Hanging On Breaker – Quote In Progress To Investigate Steam Turbine Glad Seal Pressure Switch – Switch Is Grounded / Needs Replaced

Parts / Tools / Consumables

Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items

Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning — Who Will Perform

Need Operations Support To Release Flame Scanner Power (PPS 3) – Need To Complete Flame Scanner Intensity Investigation / Operational Tests

Tony Bombe Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, JUNE 16, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER		1	
DAVE WILKINSON	CONTROLS SPECIALIST GT			
JON MEACHAM	GENERATOR SPECIALIST			
	APM CREW			
SAM FREEMAN	SUPERINTENDENT			
JOHN SUPLEY	MILLWRIGHT FOREMAN	78 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
MICHAEL THIBODEAU	MILLWRIGHT			
RHETT BALL	MILLWRIGHT APP			
EDE				
DAVID PETTUS	ELECTRICAL SUPPORT			
MATT DUMARS	ELECTRICAL SUPPORT			
THOMPSON INDUSTRIAL				
CODY HULETT	COVID CLEANING			

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Thursday, June 17, 2021 6:25 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/17

Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-17.pdf; TECO Polk Power Station GTE Report.docx

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Ron / Brian,

Current Status Update as of 06/17 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator

Function Check Flame Scanners / Investigate Intensity Issues Clean & Inspect Generator Terminal Enclosure Inspect Generator Core Outer Diameter

Ongoing Items Gas Turbine / Generator

Install Flame Scanners
Restore Flame Scanner Cooling Water
Clean Generator Cooler Bays
Replace Generator Heaters
Clean & Inspect Generator Components

Completed Items Unit 3

Walk Down LOTO (PPS 15 / PPS 25) Sign / Lock On – Setup Satellite Box Investigate Blade Health Monitor Issues
Replace R0 LE 1 Blade Health Monitor Probe
Replace Water Injection Stop Valve
Release LOTO (PPS 15 / PPS 25)

<u>Issues</u>

1

Fuel Gas Pressure Transmitter (96FG-2) Identified As Bad – Transmitter Should Be Replaced

Parts / Tools / Consumables

Flame Scanner (12A) Needs To Be Replaced – Replacement Should Be On Hand At TECO Warehouse – Will Get This Morning And Install

Open items

Hydrogen Coolers - Coolers Should Be Cleaned

Prepare For Core Ring Test (Loop Test) - GE Prep Completed - Identify Power Source And Means Of Disconnect For Core Ring Test

Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced
GTE Heaters Inoperable – Work Order Tag Hanging On Breaker - GTE Inspection Results / Recommendations Attached
Steam Turbine Gland Seal Pressure Switch – Switch Is Grounded / Needs Replaced
Unit 3 Water Injection Stop Valve Regulator (VPR62-11) - Needs To Be Set At 100 PSI

Additional / General Notes

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE: THURSDAY, JUNE 17, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
INMINE	KESPONSIBILITY	LIMIT IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER	1	I	
DAVE WILKINSON	CONTROLS SPECIALIST GT			
JON MEACHAM	GENERATOR SPECIALIST			
	APM CREW			
SAM FREEMAN	SUPERINTENDENT		1	
JOHN SUPLEY	MILLWRIGHT FOREMAN			
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
MICHAEL THIBODEAU	MILLWRIGHT			
RHETT BALL	MILLWRIGHT APP			
EDE				
DAVID PETTUS	ELECTRICAL SUPPORT		1	
MATT DUMARS	ELECTRICAL SUPPORT			
THOMPSON INDUSTRIAL				
CODY HULETT	COVID CLEANING	1		

TECO Polk Power Station

GT-1 337X011 Generator Terminal Enclosure

The Generator Terminal Enclosure (GTE) was inspected for general cleanliness, dirt/oil contamination, foreign material, and obvious damage to the hardware inside. The inspection revealed that GTE and the components located inside the enclosure to be extremely dirty. A thorough cleaning was performed with vacuums, denatured alcohol, and lint free rags on all components and hardware.

The High Voltage Bushings (HVBs) and Stand-off Insulators (SOIs) were visually inspected for cracks, movement, and signs of overheating. All six bushings and insulators were found in satisfactory condition.

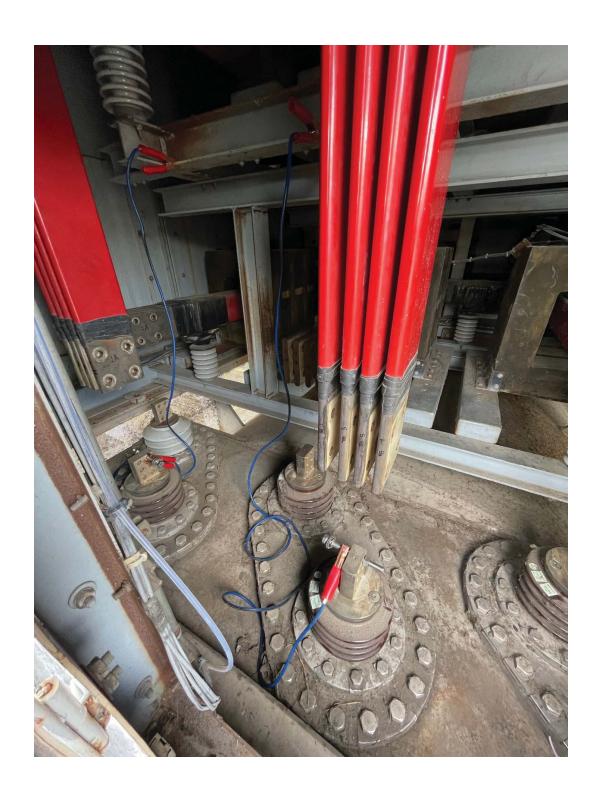
The Current Transformers (CTs) were visually inspected for cracks, movement, tight hardware, and broken or worn wiring. All eighteen CTs were found in satisfactory condition.

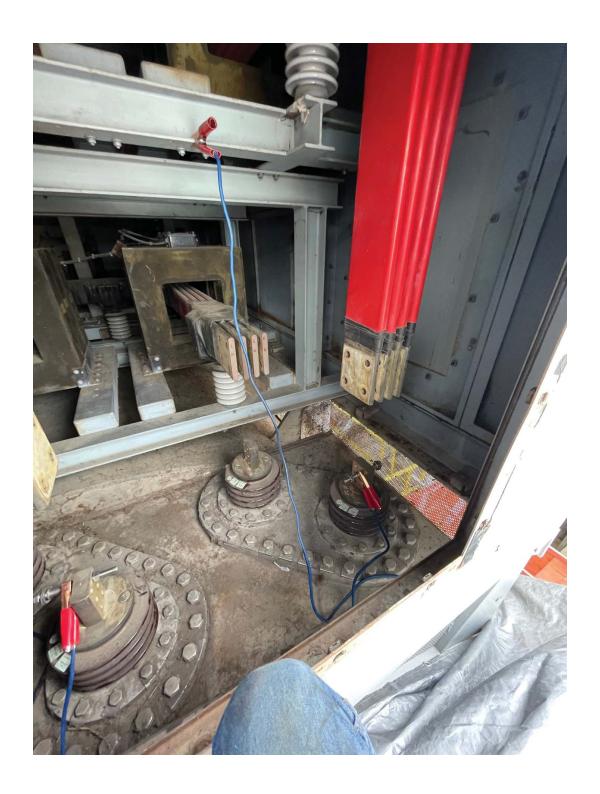
The high voltage buses on the neutral and line side were visually inspected for broken or worn insulation, overheating, and overall cleanliness. The inspection revealed that the insulation on the line and neutral side bus work at the connections is starting to deteriorate and is showing signs of discoloring. I would recommend having the bus work tested to ensure the integrity of the insulation.

The GTE heaters were visually inspected for damage, overheating, broken or worn wires. Upon inspection it was noted that two of the eight heaters were not wired up and just electrical taped together.

Pictures are attached below for review.

GEK 103566: "Creating an Effective Maintenance Program", is available from the local GE office. This publication provides a detailed discussion of GE's recommendations for inspecting and testing generators and should be reviewed during the planning phase of the outage.































Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Friday, June 18, 2021 6:36 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/18 **Attachments:** Roster_TECO Polk_Unit 1 Cl 2021_6-18.pdf

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Ron / Lee / Brian,

Current Status Update as of 06/18 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator

Install Flame Scanners
Restore Flame Scanner Cooling Water
Clean Generator Cooler Bays
Replace Fuel Gas P2 Cavity Pressure Transmitter (96FG-2)

Ongoing Generator

Remove Hydrogen Coolers From Load Bearing Scaffolding Preparations For Hydrogen Cooler Cleaning Investigate Generator Terminal Enclosure Heaters Replace Generator Heaters Clean & Inspect Generator Components Electrical Testing GTE Bus Work

<u>Issues</u>

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Will Provide

Open items

Fuel Gas Pressure Transmitter (96FG-2) Identified As Bad – Transmitter Replaced – TECO Needs To Calibrate Steam Turbine Gland Seal Pressure Switch Grounded – Switch Should Be Replaced – Big Bend Has 1 On Hand Unit 3 Water Injection Stop Valve Regulator (VPR62-11) - Needs To Be Set At 100 PSI

Additional / General Notes

Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer – GE Will Perform Cleaning (To Be Completed By 6/23)

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:FRIDAY, JUNE 18, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT			
TONY BOMBE	PROJECT MANAGER	I	I			
DAVE WILKINSON	CONTROLS SPECIALIST GT					
JON MEACHAM	GENERATOR SPECIALIST					
APM CREW						
SAM FREEMAN	SUPERINTENDENT	1				
JOHN SUPLEY	MILLWRIGHT FOREMAN					
TIM BALL	MILLWRIGHT					
JUSTIN LANGSDON	MILLWRIGHT					
MICHAEL THIBODEAU	MILLWRIGHT					
RHETT BALL	MILLWRIGHT APP					
EDE						
DAVID PETTUS	ELECTRICAL SUPPORT					
MATT DUMARS	ELECTRICAL SUPPORT					
THOMPSON INDUSTRIAL						
CODY HULETT	COVID CLEANING					

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Monday, June 21, 2021 6:19 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/21 **Attachments:** Roster_TECO Polk_Unit 1 Cl 2021_6-21.pdf

CAUTION - External Email

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Ron / Lee / Brian,

Current Status Update as of 06/21 @ 0700.

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COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator

Remove Old Generator Heater Wiring
Clean / Inspect / Prep Generator Heater Conduit For Reassembly
Pull New Generator Heater Wiring In
Install Generator Heater Packing Gland
Restore Generator Heater Conduit (Outside Of Stator Frame)
Remove Hydrogen Coolers From Load Bearing Scaffolding
Preparations For Hydrogen Cooler Cleaning – Cleaning Solvent Ordered – 0

Preparations For Hydrogen Cooler Cleaning – Cleaning Solvent Ordered – Cleaning Location Identified Verify Fuel Gas P2 Cavity Pressure Transmitter (96FG-2) Functioning Properly

Ongoing Generator

Investigate Generator Terminal Enclosure Heaters Replace Generator Heaters Clean & Inspect Collector Brush Rigging Electrical Testing GTE Bus Work

Completed Items Steam Turbine

Install Gland Sealing Steam Pressure Switch Calibrate Gland Sealing Steam Pressure Switch

<u>Issues</u>

Unable To Perform GTE Electrical Testing On Friday Due To Weather Conditions - Will Try Again Monday

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Has Placed Order For Replacement Fittings

Open items

Unit 3 Water Injection Stop Valve Regulator (VPR62-11)

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Monday, June 21, 2021 2:24 PM

To: Mills, Tiller A.; MccLain, Lee; Peterson, Robert R.; Hall, Brian L.; Kennedy, Ronald R.

Cc: Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary;

Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)

Subject: RE: Daily update during outages - 06/21

All,

I have to apologize as I had not personally inspected the cooler water circuit until now. I just went an visually inspected the water box on all 5 coolers.

The tube sheet is usually a bright blue epoxy paint. These coolers have a darker brown epoxy paint. My crew mistook that for deposits.

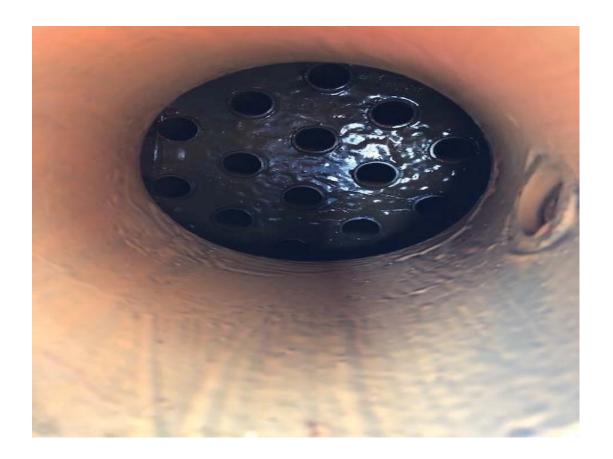
There is a light oxidized film on the tube sheet – it rubs off on your finger tip but nothing to really get a sample of.

The inlet / outlet piping on the water box has some light to moderate oxidized deposits.

I think the coolers need minimal cleaning. A low pressure flush would not be a bad idea.

The remaining testing is probably a good idea – at least a borescope that we should be able to perform after the cleaning is done.

If the tubes are cleaned then we will need to take the water boxes off to provide access to all of the tubes. We will need to get new gaskets if we do remove.





Tony Bombe Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

From: Mills, Tiller A. <tamills@tecoenergy.com>

Sent: Monday, June 21, 2021 1:48 PM

 $\textbf{To:} \ \mathsf{MccLain}, \mathsf{Lee} < \mathsf{LMccLain} @ \mathsf{tecoenergy.com} >; \ \mathsf{Bombe}, \ \mathsf{Tony} \ (\mathsf{FieldCore}) < \mathsf{Tony.Bombe1} @ \mathsf{ge.com} >; \ \mathsf{Peterson}, \ \mathsf{Robert} \ \mathsf{R}.$

<RRPeterson@tecoenergy.com>; Hall, Brian L. <blhall@tecoenergy.com>; Kennedy, Ronald R.

<rrkennedy@tecoenergy.com>

Cc: Richardson, Eric B. <ebrichardson@tecoenergy.com>; Hall, Brian L. <bli>blhall@tecoenergy.com>; Torbert, Justin D.

<JDTorbert@tecoenergy.com>; Lozano, Jhonnathan <jxlozano@tecoenergy.com>; Dilport, Nate

<NDilport@tecoenergy.com>; Crotts, Mary <MECrotts@tecoenergy.com>; Rivera, Raul <RRivera@tecoenergy.com>;

Parker, Gary D. <GParker@tecoenergy.com>; Thompson, Brian R (GE Gas Power) <bri> drian1.thompson@ge.com>

Subject: EXT: RE: Daily update during outages - 06/21

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Definitely get a sample of what is in tubes.

Take picture of internal fouling.

Borescope if possible worst tubes and mark for reference.

Clean tubes by low pressure hydro blasting.

Borescope tubes for pitting after cleaning.

Develop test rig to do a 2 PSI air test for 30 min. or service water hydro at operating pressure and monitor for leakage and decay.

(pending pitting visual inspection, we may need to do a eddy current on tubes)

Tiller

From: MccLain, Lee < LMccLain@tecoenergy.com >

Sent: Monday, June 21, 2021 1:16 PM

To: Bombe, Tony (FieldCore) < <u>Tony.Bombe1@ge.com</u>>; Peterson, Robert R. < <u>RRPeterson@tecoenergy.com</u>>; Hall, Brian L. < <u>blhall@tecoenergy.com</u>>; Kennedy, Ronald R. < <u>rrkennedy@tecoenergy.com</u>>

Cc: Mills, Tiller A. < tecoenergy.com; Richardson, Eric B. < ebrichardson@tecoenergy.com; Hall, Brian L.

<bl/>dlall@tecoenergy.com>; Torbert, Justin D. <JDTorbert@tecoenergy.com>; Lozano, Jhonnathan

 $<\!\!\underline{\mathsf{vixlozano@tecoenergy.com}}\!\!>\!; \mathsf{Dilport}, \mathsf{Nate}<\!\!\underline{\mathsf{NDilport@tecoenergy.com}}\!\!>\!; \mathsf{Crotts}, \mathsf{Mary}<\!\!\underline{\mathsf{MECrotts@tecoenergy.com}}\!\!>\!;$

Rivera, Raul < RRivera@tecoenergy.com >; Parker, Gary D. < GParker@tecoenergy.com >; Thompson, Brian R (GE Gas

Power) < brian1.thompson@ge.com >

Subject: RE: Daily update during outages - 06/21

Tony

I discussed the coolers with Tiller this morning. I need to get a sample from inside the coolers and have it analyzed. We are going to make a WO for Gaffin to low pressure clean the coolers. At that point we will bore scope or pressure test the tubes.

Thanks

Lee

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Monday, June 21, 2021 1:10 PM

Cc: Mills, Tiller A. < tecoenergy.com; Richardson, Eric B. < ebrichardson@tecoenergy.com; Hall, Brian L.

<<u>blhall@tecoenergy.com</u>>; Torbert, Justin D. <<u>JDTorbert@tecoenergy.com</u>>; Lozano, Jhonnathan

<jxlozano@tecoenergy.com>; Dilport, Nate <<u>NDilport@tecoenergy.com</u>>; Crotts, Mary <<u>MECrotts@tecoenergy.com</u>>;

 $Rivera, Raul < \underline{RRivera@tecoenergy.com} >; Parker, Gary D. < \underline{GParker@tecoenergy.com} >; Thompson, Brian R (GE Gas And Andrews Control of C$

Power) < brian1.thompson@ge.com>

Subject: RE: Daily update during outages - 06/21

All,

We need to discuss how to have the cooling water side cleaned.

I had expected the tube sheet and water boxes to be pretty clean – they typically are.

These coolers have moderate to heavy fouling – I am guessing due to the cooling water used.

2

Gaffin is not in our system and I will not be able to issue a PO to them.

I recommend TECO contracting directly with Gaffin to complete the cleaning of the cooling water circuit.

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

From: MccLain, Lee < LMccLain@tecoenergy.com >

Sent: Monday, June 21, 2021 1:03 PM

To: Peterson, Robert R. < RRPeterson@tecoenergy.com; Bombe, Tony (FieldCore) < Tony.Bombe1@ge.com; Hall, Brian

L. <<u>blhall@tecoenergy.com</u>>; Kennedy, Ronald R. <<u>rrkennedy@tecoenergy.com</u>>

Cc: Mills, Tiller A. tamills@tecoenergy.com; Richardson, Eric B. ebrichardson@tecoenergy.com; Hall, Brian L.

<<u>blhall@tecoenergy.com</u>>; Torbert, Justin D. <<u>JDTorbert@tecoenergy.com</u>>; Lozano, Jhonnathan

<ixlorano@tecoenergy.com>; Dilport, Nate <NDilport@tecoenergy.com>; Crotts, Mary <MECrotts@tecoenergy.com>;

Rivera, Raul < Rivera, Gary D. GParker@tecoenergy.com; Thompson, Brian R (GE Gas

Power) < <pre>brian1.thompson@ge.com>

Subject: EXT: RE: Daily update during outages - 06/21

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We are planning on having the tubes inside cleaned and

inspected also.

Thank you

Lee

From: Peterson, Robert R. < RRPeterson@tecoenergy.com>

Sent: Monday, June 21, 2021 12:42 PM

To: MccLain, Lee < LMccLain@tecoenergy.com >; Bombe, Tony (FieldCore) < Tony.Bombe1@ge.com >; Hall, Brian L.

blhall@tecoenergy.com>; Kennedy, Ronald R. <rrkennedy@tecoenergy.com>

Cc: Mills, Tiller A. < teachergy.com; Richardson, Eric B. < ebrichardson@tecoenergy.com; Hall, Brian L.

<u>Interview of the light of t</u>

<jxlozano@tecoenergy.com>; Dilport, Nate <NDilport@tecoenergy.com>; Crotts, Mary <MECrotts@tecoenergy.com>;

Rivera, Raul < RRivera@tecoenergy.com >; Parker, Gary D. < GParker@tecoenergy.com >; Thompson, Brian R (GE Gas

Power) < brian1.thompson@ge.com>

Subject: RE: Daily update during outages - 06/21

Thanks Lee, did you observe any obvious anomalies?

Rob

From: MccLain, Lee < LMccLain@tecoenergy.com >

Sent: 21 June, 2021 12:37

 $\textbf{To:} \ \ \textbf{Bombe, Tony (FieldCore)} < \underline{\textbf{Tony.Bombe1@ge.com}} > ; \ \ \textbf{Hall, Brian L.} < \underline{\textbf{blhall@tecoenergy.com}} > ; \ \ \textbf{Kennedy, Ronald R.}$

<rrkennedy@tecoenergy.com>

Cc: Mills, Tiller A. <<u>tamills@tecoenergy.com</u>>; Richardson, Eric B. <<u>ebrichardson@tecoenergy.com</u>>; Hall, Brian L.

<<u>https://opertwoor.com</u>
<<u>JDTorbert@tecoenergy.com</u>
; Peterson, Robert R.

<<u>RRPeterson@tecoenergy.com</u>
; Lozano, Jhonnathan <<u>ixlozano@tecoenergy.com</u>
; Dilport, Nate

<<u>NDilport@tecoenergy.com</u>
; Crotts, Mary <<u>MECrotts@tecoenergy.com</u>
; Rivera, Raul <<u>RRivera@tecoenergy.com</u>

; Parker, Gary D. <<u>GParker@tecoenergy.com</u>
; Thompson, Brian R (GE Gas Power) < <u>brian1.thompson@ge.com</u>

Subject: RE: Daily update during outages - 06/21

Visual inspection of the H2 coolers was complete this morning. Thanks Tony.

Lee

From: Bombe, Tony (FieldCore) < Tony.Bombe1@ge.com>

Sent: Monday, June 21, 2021 6:34 AM

To: Hall, Brian L. blhall@tecoenergy.com">kennedy, Ronald R. rrkennedy@tecoenergy.com; MccLain, Lee LMccLain@tecoenergy.com>

Cc: Mills, Tiller A. < teachergy.com; Richardson, Eric B. < ebrichardson@tecoenergy.com; Hall, Brian L.

<<u>blhall@tecoenergy.com</u>>; Torbert, Justin D. <<u>JDTorbert@tecoenergy.com</u>>; Peterson, Robert R.

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All,

I forgot to mention the Hydrogen Coolers are staged for a visual inspection of the discharge side.

We will need to move the coolers and orientate for cleaning this morning.

Please perform the visual inspection this morning so that the coolers can be moved and cleaned.

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

From: Bombe, Tony (FieldCore)
Sent: Monday, June 21, 2021 6:19 AM

To: 'Hall, Brian L.' < blhall@tecoenergy.com; 'Kennedy, Ronald R.' < rrkennedy@tecoenergy.com; 'Kennedy.

'LMCCLAIN@TECOENERGY.COM' < LMCCLAIN@TECOENERGY.COM>

Cc: 'tamills@tecoenergy.com' < tamilts@tecoenergy.com; 'Richardson, Eric B.' < ebrichardson@tecoenergy.com; 'Hall, Brian L.' < blhall@tecoenergy.com; 'Torbert, Justin D.' < JDTorbert@tecoenergy.com; 'Peterson, Robert R.'

<RRPeterson@tecoenergy.com>; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Dilport, Nate'

< NDilport@tecoenergy.com >; 'Crotts, Mary' < MECrotts@tecoenergy.com >; 'Rivera, Raul' < RRivera@tecoenergy.com >;

'Parker, Gary D.' <<u>GParker@tecoenergy.com</u>>; Thompson, Brian R (GE Gas Power) <<u>brian1.thompson@ge.com</u>> **Subject:** RE: Daily update during outages - 06/21

Ron / Lee / Brian,

Current Status Update as of 06/21 @ 0700.

EHS

COVID Procedures Crane Operations LOTO – Gas Turbine / Generator In Place Confined Space / Hot Work Permits Weather – Heat / Lightning Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator

Remove Old Generator Heater Wiring
Clean / Inspect / Prep Generator Heater Conduit For Reassembly
Pull New Generator Heater Wiring In
Install Generator Heater Packing Gland
Restore Generator Heater Conduit (Outside Of Stator Frame)
Remove Hydrogen Coolers From Load Bearing Scaffolding
Preparations For Hydrogen Cooler Cleaning – Cleaning Solvent Ordered – Cleaning Location Identified
Verify Fuel Gas P2 Cavity Pressure Transmitter (96FG-2) Functioning Properly

Ongoing Generator

Investigate Generator Terminal Enclosure Heaters Replace Generator Heaters Clean & Inspect Collector Brush Rigging Electrical Testing GTE Bus Work

Completed Items Steam Turbine

Install Gland Sealing Steam Pressure Switch Calibrate Gland Sealing Steam Pressure Switch

Issues

Unable To Perform GTE Electrical Testing On Friday Due To Weather Conditions - Will Try Again Monday

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Has Placed Order For Replacement Fittings

Open items

Unit 3 Water Injection Stop Valve Regulator (VPR62-11)

Additional / General Notes

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

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Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Monday, June 21, 2021 1:47 PM

To: MccLain, Lee; Peterson, Robert R.; Hall, Brian L.; Kennedy, Ronald R.

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Lozano, Jhonnathan; Dilport, Nate;

Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)

Subject: RE: Daily update during outages - 06/21

I will get you a sample of the material inside the water boxes.

Tony Bombe

Senior Field Engineer - Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859

tony.bombe1@ge.com

From: MccLain, Lee <LMccLain@tecoenergy.com>

Sent: Monday, June 21, 2021 1:16 PM

To: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>; Peterson, Robert R. <RRPeterson@tecoenergy.com>; Hall, Brian L. <blh>dl@tecoenergy.com>; Kennedy, Ronald R. <rrkennedy@tecoenergy.com>

Cc: Mills, Tiller A. <tamills@tecoenergy.com>; Richardson, Eric B. <ebrichardson@tecoenergy.com>; Hall, Brian L.

<blhall@tecoenergy.com>; Torbert, Justin D. <JDTorbert@tecoenergy.com>; Lozano, Jhonnathan

<jxlozano@tecoenergy.com>; Dilport, Nate <NDilport@tecoenergy.com>; Crotts, Mary <MECrotts@tecoenergy.com>;

Rivera, Raul <RRivera@tecoenergy.com>; Parker, Gary D. <GParker@tecoenergy.com>; Thompson, Brian R (GE Gas

Power) < brian1.thompson@ge.com>

Subject: EXT: RE: Daily update during outages - 06/21

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I discussed the coolers with Tiller this morning. I need to get a sample from inside the coolers and have it analyzed. We are going to make a WO for Gaffin to low pressure clean the coolers. At that point we will bore scope or pressure test the tubes.

Thanks

Lee

From: Bombe, Tony (FieldCore) < Tony.Bombe1@ge.com>

Sent: Monday, June 21, 2021 1:10 PM

To: MccLain, Lee < LMccLain@tecoenergy.com >; Peterson, Robert R. < RRPeterson@tecoenergy.com >; Hall, Brian L.
<bli>kennedy, Ronald R. <rrkennedy@tecoenergy.com

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Gaffin is not in our system and I will not be able to issue a PO to them.

I recommend TECO contracting directly with Gaffin to complete the cleaning of the cooling water circuit.

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

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Sent: Monday, June 21, 2021 1:03 PM

To: Peterson, Robert R. <<u>RRPeterson@tecoenergy.com</u>>; Bombe, Tony (FieldCore) <<u>Tony.Bombe1@ge.com</u>>; Hall, Brian L. <<u>blhall@tecoenergy.com</u>>; Kennedy, Ronald R. <<u>rrkennedy@tecoenergy.com</u>>

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Thank you

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<u>Interview of the Content of the </u>

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We will need to move the coolers and orientate for cleaning this morning.

Please perform the visual inspection this morning so that the coolers can be moved and cleaned.

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Additional / General Notes

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Two places with some damage. But the tubes look good. We are planning on having the tubes inside cleaned and inspected also.

Thank you

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Additional / General Notes

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TECO POLK SPRING 2021

DAY SHIFT

DATE:MONDAY, JUNE 21, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT		
TONY BOMBE	PROJECT MANAGER				
ROD BAKER	NIGHT SHIFT FES				
JON MEACHAM	GENERATOR SPECIALIST				
APM CREW					
SAM FREEMAN	SUPERINTENDENT				
JOHN SUPLEY	MILLWRIGHT FOREMAN				
TIM BALL	MILLWRIGHT				
JUSTIN LANGSDON	MILLWRIGHT				
MICHAEL THIBODEAU	MILLWRIGHT				
RHETT BALL	MILLWRIGHT APP				
EDE					
DAVID PETTUS	ELECTRICAL SUPPORT	1			
	ELECTRICAL SUPPORT				
THOMPSON INDUSTRIAL					
CODY HULETT	COVID CLEANING	1	1		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Tuesday, June 22, 2021 6:27 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/22 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_6-22.pdf

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Ron / Lee / Brian,

Current Status Update as of 06/22 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator

Remove GTE Bus To Isophase Links / Determinate CT's For Generator Terminal Bus 5KV Meggar Testing Clean Generator Stator Frame Hydrogen Cooler Mating Surfaces Clean Oil In Bottom Stator Core From Hydrogen Cooler Conduit Setup Hydrogen Cooler Cleaning Area At LF Unloading Area

Ongoing Generator

Investigate Generator Terminal Enclosure Heaters Replace Generator Heaters Clean & Inspect Collector Brush Rigging Electrical Testing GTE Bus Work

Issues

Unable To Complete GTE Electrical Testing On Monday Due To Weather Conditions – 1 Phase Completed With Good Readings / Remaining Two Phases Will be Completed Today

Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now 6/23 to 6/24.

Noted Minor Damage To Collector Brush Rigging Insulation Plate - Will Investigate Further Today

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Has Placed Order For Replacement Fittings – ETA 6/23

Open items

Unit 3 Water Injection Stop Valve Regulator (VPR62-11)

Additional / General Notes

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Thursday, June 24, 2021 6:28 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/24 **Attachments:** Roster_TECO Polk_Unit 1 Cl 2021_6-24.pdf

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Ron / Lee / Brian,

Current Status Update as of 06/24 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator

Investigate Generator Terminal Enclosure Heaters Clean & Inspect Collector Brush Rigging

Ongoing Generator

Replace Generator Heaters
Prep Job Site For Temporary Shutdown

Issues

Generator Terminal Enclosure Bus Electrical Testing—Readings Have Been Reviewed By TECO — Will Leave Isophase To Bus Duct Links Out To Allow Additional Testing When The Weather Becomes Favorable

Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now Undetermined (Best Estimate Monday)

Generator Terminal Enclosure Heaters As Found Wiring Does Not Appear To Be Correct – Connection Drawings Not Available – Submitted Proposed Wiring / Connection Drawing to Engineering For Review.

Generator Terminal Enclosure Heater Inspection Determine Wiring And Heaters Need To Be Replaced – Checking Part Availability / Quote In Progress

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – ETA 6/23 – Checking With Vendor To Locate

Generator Stator Space Heaters – Remaining Two Heaters Expected To Ship On 7/6/21

Open items

Additional / General Notes

Tony Bombe Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, JUNE 22, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT		
TONY BOMBE	PROJECT MANAGER	1	1		
ROD BAKER	NIGHT SHIFT FES				
JON MEACHAM	GENERATOR SPECIALIST				
APM CREW					
SAM FREEMAN	SUPERINTENDENT				
JOHN SUPLEY	MILLWRIGHT FOREMAN				
TIM BALL	MILLWRIGHT				
JUSTIN LANGSDON	MILLWRIGHT				
MICHAEL THIBODEAU	MILLWRIGHT				
RHETT BALL	MILLWRIGHT APP				
EDE					
DAVID PETTUS	ELECTRICAL SUPPORT				
TONY PRICE	ELECTRICAL SUPPORT				
THOMPSON INDUSTRIAL					
CODY HULETT	COVID CLEANING	<u></u>	1		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Wednesday, June 23, 2021 6:18 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/23 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_6-23.pdf

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Ron / Lee / Brian,

Current Status Update as of 06/23 @ 0700.

EHS

COVID Procedures Crane Operations LOTO – Gas Turbine / Generator In Place Confined Space / Hot Work Permits Weather – Heat / Lightning Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator

Electrical Testing GTE Bus Work
Move Hydrogen Coolers To Cleaning Area
Clean Up Hydrogen Cooler Temporary Storage Area

Ongoing Generator

Investigate Generator Terminal Enclosure Heaters Replace Generator Heaters Clean & Inspect Collector Brush Rigging

<u>Issues</u>

GTE Bus Electrical Testing Is Being Impacted By Weather – We Have Taken The Readings On 3 Separate Occasions – Readings Have Been Provided To TECO For Review

Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now Undetermined (Best Estimate Monday)

Noted Minor Damage To Collector Brush Rigging Insulation Plate – Engineering Recommendation To Leave As Is And Monitor

Generator Terminal Enclosure Heaters As Found Wiring Does Not Appear To Be Correct – Connection Drawings Not Available – Will Submit Proposed Wiring / Connection Drawing to Engineering For Review.

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Has Placed Order For Replacement Fittings – ETA 6/23

Open items

Additional / General Notes

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Wednesday, June 23, 2021 6:37 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/23

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Please advise if you want to keep the dehumidifier in operation. The month rental period is quickly approaching. If no longer needed I will arrange to have it picked up when the rental period expires.

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

M +1 407-492-0798 / pFax +1 407-641-9859 tony.bombe1@ge.com

From: Bombe, Tony (FieldCore)

Sent: Wednesday, June 23, 2021 6:18 AM

To: 'Hall, Brian L.'
blhall@tecoenergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>;

'LMCCLAIN@TECOENERGY.COM' <LMCCLAIN@TECOENERGY.COM>

Cc: 'tamills@tecoenergy.com' <tamills@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Hall, Brian L.'
blhall@tecoenergy.com>; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>; 'Peterson, Robert R.'

<RRPeterson@tecoenergy.com>; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Dilport, Nate'

<NDilport@tecoenergy.com>; 'Crotts, Mary' <MECrotts@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>;

Subject: RE: Daily update during outages - 06/23

Ron / Lee / Brian,

Current Status Update as of 06/23 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

1

Completed Items Generator

Electrical Testing GTE Bus Work

Move Hydrogen Coolers To Cleaning Area

Clean Up Hydrogen Cooler Temporary Storage Area

Ongoing Generator

Investigate Generator Terminal Enclosure Heaters Replace Generator Heaters Clean & Inspect Collector Brush Rigging

Issues

GTE Bus Electrical Testing Is Being Impacted By Weather – We Have Taken The Readings On 3 Separate Occasions – Readings Have Been Provided To TECO For Review

Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now Undetermined (Best Estimate Monday)

Noted Minor Damage To Collector Brush Rigging Insulation Plate – Engineering Recommendation To Leave As Is And Monitor

Generator Terminal Enclosure Heaters As Found Wiring Does Not Appear To Be Correct – Connection Drawings Not Available – Will Submit Proposed Wiring / Connection Drawing to Engineering For Review.

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Has Placed Order For Replacement Fittings – ETA 6/23

Open items

Additional / General Notes

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, JUNE 23, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER		1	
ROD BAKER	NIGHT SHIFT FES			
JON MEACHAM	GENERATOR SPECIALIST			
	APM CREW			
SAM FREEMAN	SUPERINTENDENT		1	
JOHN SUPLEY	MILLWRIGHT FOREMAN		T	
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
MICHAEL THIBODEAU	MILLWRIGHT			
RHETT BALL	MILLWRIGHT APP			
EDE				
DAVID PETTUS	ELECTRICAL SUPPORT			
TONY PRICE	ELECTRICAL SUPPORT		1	
THOMPSON INDUSTRIAL				
CODY HULETT	COVID CLEANING	A	1	

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Thursday, June 24, 2021 6:28 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/24 **Attachments:** Roster_TECO Polk_Unit 1 CI 2021_6-24.pdf

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Ron / Lee / Brian,

Current Status Update as of 06/24 @ 0700.

EHS

COVID Procedures Crane Operations LOTO – Gas Turbine / Generator In Place Confined Space / Hot Work Permits Weather – Heat / Lightning Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator

Investigate Generator Terminal Enclosure Heaters Clean & Inspect Collector Brush Rigging

Ongoing Generator

Replace Generator Heaters
Prep Job Site For Temporary Shutdown

Issues

Generator Terminal Enclosure Bus Electrical Testing—Readings Have Been Reviewed By TECO — Will Leave Isophase To Bus Duct Links Out To Allow Additional Testing When The Weather Becomes Favorable

Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now Undetermined (Best Estimate Monday)

Generator Terminal Enclosure Heaters As Found Wiring Does Not Appear To Be Correct – Connection Drawings Not Available – Submitted Proposed Wiring / Connection Drawing to Engineering For Review.

Generator Terminal Enclosure Heater Inspection Determine Wiring And Heaters Need To Be Replaced – Checking Part Availability / Quote In Progress

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – ETA 6/23 – Checking With Vendor To Locate

Generator Stator Space Heaters – Remaining Two Heaters Expected To Ship On 7/6/21

Open items

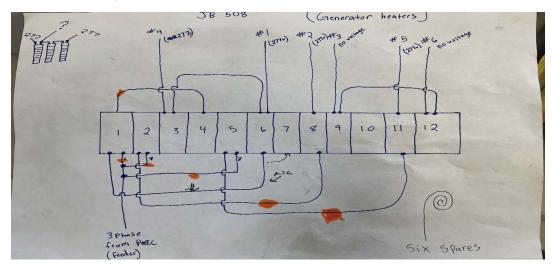
Additional / General Notes

Tony Bombe Senior Field Engineer – Gas Turbine FieldCore

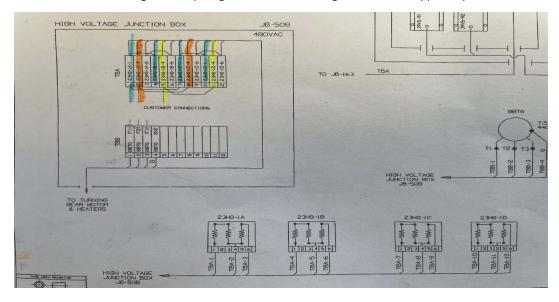
TECO Polk Unit #1

During Unit 1 MAGIC Inspection EDE was instructed to de-term and remove conduit and wiring between JB-508A and the Conex fitting that enters the generator. During this time EDE discovered that there were multiple issues in the wiring and heaters.

At this point we (EDE) requested the drawings for the generator heater circuits to verify wiring and heater model. We started to review the drawings and noticed that there were supposed to be (12) wires used coming from JB508 to JB-508A and there were only (6) wires in use and the other (6) wires were taped up in JB-508 appearing to be spared out. Leaving JB-508A there were only (6) solid #14 THHN wires in the conduit. We stopped and created a field de-term sheet to map out what was done to restore in the future, see below.

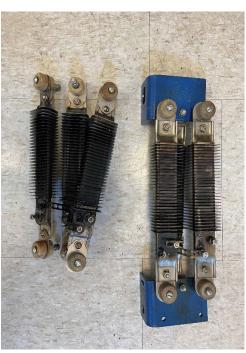


The field de-term drawing is not anything like what the drawing we reviewed supplied by GE 108E7884.



TECO Polk Unit #1

When we removed the conduit going into the Conex fitting entering the generator, we (EDE) noticed that the other (6) #14 Solid THHN wires were cut at the Conex fitting. We pulled the rest of the conduit out of the way and started to investigate removing the generator heaters. When we got to the (4) generator heaters we discovered they have ALL been shorted out and had blow holes (evidence of short circuit) in ALL (4) heaters removed, see below for examples.





After discovering that the Generator Heaters were shorted, we went back to the drawings. We started to compare what was done in the field to the OEM GE drawing 108E7884. After reviewing the GE OEM Dwg and comparing it to the field de-term sheet we noticed that the 480V supply was parallel to all the heaters rather than in a series – parallel circuit causing them ALL to fail.

The Field de-term sheet shows that the incoming 480v feed is landed on TB1, TB2, TB5. There are jumpers that split up the feed to distribute to the heaters, and noticed that the jumper between TB1 and TB6 was wrong. That termination point should have been to TB7, on the incoming feed side.

The Field de-term sheet also shows on the heater side of the TB that that wiring does not match the GE OEM Dwg. It shows only (6) wires going to heaters, rather than the (12) needed. The way the feed side and the heater side of the TB is wired 480v power was parallel to the heaters.

We are going to replace the wiring coming form JB-508 out to all the generator heaters and install according to the supplied GE dwg. 108E7884.

TECO POLK SPRING 2021

DAY SHIFT

DATE: THURSDAY, JUNE 24, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER	1	
JON MEACHAM	GENERATOR SPECIALIST		
SAM FREEMAN	APM CREW Superintendent	ı	r
JOHN SUPLEY	MILLWRIGHT FOREMAN	 	
JUSTIN LANGSDON	MILLWRIGHT		
DAVID PETTUS	EDE	1	ľ

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Friday, June 25, 2021 6:18 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/25 **Attachments:** Roster TECO Polk Unit 1 CI 2021 6-25.pdf

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Ron / Lee / Brian,

Current Status Update as of 06/25 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator

Remove Insulation For Exhaust Vibration Instrumentation Mounting Blocks Terminate Generator Stator Frame Heaters Collector End

Ongoing Generator

Prep Job Site For Temporary Shutdown

<u>Issues</u>

Generator Terminal Enclosure Bus Electrical Testing—Readings Have Been Reviewed By TECO — Will Leave Isophase To Bus Duct Links Out To Allow Additional Testing When The Weather Becomes Favorable

Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now Undetermined (Best Estimate Monday)

Generator Terminal Enclosure Heaters As Found Wiring Does Not Appear To Be Correct – Connection Drawings Not Available – Submitted Proposed Wiring / Connection Drawing to Engineering For Review.

Generator Terminal Enclosure Heater Inspection Determine Wiring And Heaters Need To Be Replaced – Checking Part Availability / Quote In Progress

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – Received Generator Stator Space Heaters – Remaining Two Heaters Expected To Ship On 7/6/21

Open items

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Friday, June 25, 2021 6:17 AM

To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas

Power)

Subject: RE: Daily update during outages - 06/25

CAUTION - External Email

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Ron / Lee / Brian,

Current Status Update as of 06/25 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator

Remove Insulation For Exhaust Vibration Instrumentation Mounting Blocks Terminate Generator Stator Frame Heaters Collector End

Ongoing Generator

Prep Job Site For Temporary Shutdown

<u>Issues</u>

Generator Terminal Enclosure Bus Electrical Testing—Readings Have Been Reviewed By TECO — Will Leave Isophase To Bus Duct Links Out To Allow Additional Testing When The Weather Becomes Favorable

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Generator Terminal Enclosure Heater Inspection Determine Wiring And Heaters Need To Be Replaced – Checking Part Availability / Quote In Progress

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – Received Generator Stator Space Heaters – Remaining Two Heaters Expected To Ship On 7/6/21

Open items

Additional / General Notes

Tony Bombe Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:FRIDAY, JUNE 25, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER		1	
APM CREW				
SAM FREEMAN	ISUPERINTENDENT		ī	
JOHN SUPLEY	MILLWRIGHT FOREMAN			
TIM BALL	MILLWRIGHT	and the second s		
JUSTIN LANGSDON	MILLWRIGHT			
RHETT BALL	MILLWRIGHT APP			

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Friday, September 17, 2021 8:26 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport,

Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.

Subject: RE: Daily update during outages - 09/17

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Ron / Brian,

Current Status Update as of 06/03 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Mobilize Turbine Compartment – Establish FME Zone 2

Marshall / Stage Tooling - Receive Exhaust Casing Hydraulic Tooling

Determinate Turbine Compartment Fan

Remove T2 Bearing Tunnel Piping From Fan Module

Unbolt Exhaust Frame / Bearing Tunnel - Turbine Compartment Fan Assemblies

Remove Upper Exhaust Frame Blower Flex Hoses

Hot Bolt Upper Exhaust Frame Blower Manifold

Install Turbine / Exhaust Casing Vertical Joint Jack

Detension & Remove Exhaust / Turbine Casing Vertical Joint Bolts

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Determinate Aft Turbine Compartment Roof (Exhaust Frame / Bearing Tunnel Blower – 90TS Valve – Pressure Switches & Transmitters – Hazardous Gas Detectors)

Remove Roof Piping

Remove Turbine Compartment Fan / Exhaust Frame Blower - Bearing Tunnel Blower Assemblies

Remove Aft Turbine Compartment Roof Panel

Detension & Remove Exhaust Casing External Horizontal Joint Bolts

Remove Insulation Aft Exhaust Casing To Aft Turbine Compartment Wall

Detension & Remove Exhaust / Diffuser Vertical Joint Bolts

Ongoing Items Generator Reassembly

Support Rewind Activities

1

<u>Issues</u>

Parts / Tools / Consumables

Open items

Additional / General Notes

Additional Manpower Arrived On Site To Support T2 Bearing Lift Oil For Day Shift – Night shift

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Saturday, September 18, 2021 8:16 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport,

Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.

Subject: RE: Daily update during outages - 09/18

CAUTION - External Email

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Ron / Brian,

Current Status Update as of 09/18 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Determinate Aft Turbine Compartment Roof (Exhaust Frame / Bearing Tunnel Blower – 90TS Valve – Pressure Switches & Transmitters – Hazardous Gas Detectors)

Remove Roof Piping

Remove Turbine Compartment Fan / Exhaust Frame Blower – Bearing Tunnel Blower Assemblies

Remove Aft Turbine Compartment Roof Panel

Remove Insulation Aft Exhaust Casing To Aft Turbine Compartment Wall

Detension & Remove Exhaust / Diffuser Vertical Joint Bolts

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Detension & Remove Exhaust Casing External Horizontal Joint Bolts

Completed Items Generator Reassembly

Remove Load Compartment Scaffolding

Remove GTE Access Scaffolding

Remove Collector Compartment Roof Panel

Remove Collector Compartment Decking

Remove Upper Half Load Compartment Section

Clean TE & CE Stator End Shield Flanges

Install Field Trolley Tracks & Weld In Place

Ongoing Items Generator Reassembly

Prep Stator Core For Field Installation - Final Clean Out / Transition To FME Level 1

Clean L/H TE & CE End Shields – Set In Collector Cab / Load Compartments On Temporary Supports Install Skid Pan / Prep Coupling Shoe & Field Body Shoes & Field Trolleys Remove Awnings From Field Fly Field From Crane Bay To Platform Finalize Field Installation Tooling Pull Field Into Core

Ongoing Items Generator Rewind

Load Out Tooling / Connex

Issues

Lost 2 Hours To Weather Yesterday & 4 On Thursday (Total of 6 Hours To Date)

Parts / Tools / Consumables

Open items

Additional / General Notes

Additional Manpower To Support T2 Bearing Lift Oil For Day Shift Still In Progress (Short 2) Expect At Least 1 To Arrive Sunday – Night Shift Short (2) Last Night – Expect Full Crew Tonight

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Sunday, September 19, 2021 6:35 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport,

Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.

Subject: RE: Daily update during outages - 09/19

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Ron / Brian,

Current Status Update as of 09/19 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Detension & Remove Exhaust Casing External Horizontal Joint Bolts Remove U/H Exhaust Casing Remove T2 Bearing Cap Remove T2 Bearing Strong Back

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Install Decking Exhaust Casing Horizontal Joint Clean & Inspect Exhaust Casing / Bearing Housing Bolting Clean & Inspect Exhaust Casing Cut Window T2 Bearing Drain Piping For Lift Oil Hose Access Replace T2 Bearing Install T2 Bearing Instrumentation

Completed Items Generator Reassembly

Prep Stator Core For Field Installation – Final Clean Out / Transition To FME Level 1
Clean L/H TE & CE End Shields – Set In Collector Cab / Load Compartments On Temporary Supports
Install Skid Pan / Prep Coupling Shoe & Field Body Shoes & Field Trolleys
Remove Awnings From Field
Fly Field From Crane Bay To Platform
Finalize Field Installation Tooling
Clean Stator Frame H2 Cooler Bays

1

Ongoing Items Generator Reassembly

Pull Field Into Core
Install Field Shaft Supports (Eyebrows)
Remove Skid Pan, Field Body & Coupling Shoes
Install Lower End Shields
Install H2 Coolers
Clean & Inspect U/H End Shields
Clean & Inspect – Prep End Shield Hardware

Complete Items Generator Rewind

Load Out Tooling / Connex

<u>Issues</u>

Lost 6 Hours To Weather To Date

Bees Swarming In Load Compartment – Exterminator Called To Site Late Yesterday Afternoon – Will Inspect This

Morning And Address As Needed

Noted Heavy Distress On Exhaust Frame Flex Seal After Exhaust Casing Removed – Should Be Replaced Before

Reassembly – Checking On Part Availability

Parts / Tools / Consumables

Received Replacement Exhaust Frame Horizontal Joint Gaskets

Open items

Additional / General Notes

Additional Manpower To Support T2 Bearing Lift Oil Complete – Full Crew Last Night – Expect Full Crew Today On Day Shift

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

BILLY WARNER

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE:SUNDAY, SEPTEMBER 19, 2021

GENERAL ELECTRIC / FIELD CORE

<u>NAME</u>	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		
	APM CREW		
SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		_
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		
<u>EDE</u>			
	ELECTRICAL SUPPORT		-
BRACE			

SCAFFOLD SUPPORT

200

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SUNDAY, SEPTEMBER 19, 2021

GENERAL ELECTRIC / FIELD CORE

<u>NAME</u>	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE	1	
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT	
RICKY EWING	SME	
PAUL DENARDO	MILLWRIGHT	
RANDY BUCHANAN	MILLWRIGHT	
SCOTT MAY	MILLWRIGHT	
TRAVIS MCIVER	MILLWRIGHT	
CHRISTOPHER BAPTISTA	MILLWRIGHT	
KALEOOAKAI ARNOLNLD	MILLWRIGHT	
MATT MORTIN	MILLWRIGHT	
JESSE KIRMMELBEIN	MILLWRIGHT	
RICKY MILLER	MILLWRIGHT	
RYAN GARRISON	MILLWRIGHT	
PORTER MADARA	MILLWRIGHT APP	
YADIEL SANTANA	MILLWRIGHT APP	

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Monday, September 20, 2021 8:39 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport,

Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.

Subject: RE: Daily update during outages - 09/20

Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-20_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-19_Days.pdf;

Roster_TECO Polk_Unit 1 CI 2021_9-19_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-20_Days.pdf

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Ron / Brian,

Current Status Update as of 09/20 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Install Decking Exhaust Casing Horizontal Joint
Inspect T2 Bearing Instrumentation
Install T2 Shaft Jack And Jack Up Rotor
Remove T2 Bearing
Inspect T2 Bearing And Oil Seals
Clean & Inspect Exhaust Casing / Bearing Housing Bolting
Perform Incoming Inspection Replacement T2 Bearing
Remove Exhaust Casing Flex Seals

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Clean & Inspect Exhaust Casing
Replace T2 Bearing (Old) Bearing Metal Thermocouples
Install T2 Bearing (Old)
Install T2 Bearing Instrumentation
Install New Exhaust Frame Flex Seals

Completed Items Generator Reassembly

Pull Field Into Core

Clean Stator Frame H2 Cooler Bays - Perform Close Out Inspection With TECO (Justin T)

Pull H2 Coolers Into Stator Frame

Install TE Shaft Support (Eyebrow)
Set L/H TE End Shield
Clean & Inspect U/H End Shields
Clean & Inspect – Prep End Shield Hardware

Ongoing Items Generator Reassembly

Torque L/H TE End Shield
Install TE Shaft Jack
Remove TE Shaft Support (Eyebrow)
Install CE Field Shaft Supports (Eyebrow)
Remove Skid Pan, Field Body & Coupling Shoes
Install Lower CE End Shield
Torque L/H CE End Shield
Install T3 Bearing L/H (Temporary)
Remove TE Shaft Jack
Install CE Shaft Jack
Remove CE Shaft Support (Eyebrow)
Install T4 Bearing L/H (Temporary)
Remove CE Shaft Jack
Remove Field Trolley Guide Tracks

Install & Torque H2 Cooler Tube Sheet Bolting – Install Floating End Packing Rings & Torque

<u>Issues</u>

Weather Stand Down 4:00 PM To 10:00 PM - 12 Hour Delay Due To Weather To Date

Bees Swarming Break Trailer – TECO Addressed Yesterday Afternoon – Will Inspect This Morning And Address As Needed

Noted Heavy Distress On Exhaust Frame Flex Seal After Exhaust Casing Removed – Disassembly Complete – Replacement

Parts En Route – ETA 1800 Today

Replacement T2 Bearing Did Not Ship With Oil Seals – Visual Inspection Only Performed On Old Bearing – Minor Wear with Atypical Wear Pattern Noted - Bearings Appears To Be Suitable For Return To Service (Will Need To Replace Thermocouples – In Progress On Site) – JD Babbitt Standing By To Send New Oil Seals If Decision To Proceed With New Bearing – ETA Before 0700 Tomorrow

Parts / Tools / Consumables

Issue With Hydraulic Shaft Supports – Tool Kit Contained Two Different Length Wire Rope Slings (~10" Different) – One Sling Too Short To Be Used – Resulted In Delay Getting Field On Shaft Supports – Currently Working To Get The One Sling Used On TE Freed Up To Use On CE. Will Open NCR To Have The Issue Addressed To Prevent Future Occurrence.

Open items

Additional / General Notes

Tony Bombe Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:MONDAY, SEPTEMBER 20, 2021

GENERAL ELECTRIC / FIELD CORE

OLIVE LELOTING / LILLS OUTL			
<u>NAME</u>	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		1
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		
	APM CREW		
SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		
	ELECTRICAL SUPPORT ELECTRICAL SUPPORT ELECTRICAL SUPPORT		
BILLY WARNER DAVID FREEMAN	SCAFFOLD SUPPORT SCAFFOLD SUPPORT SCAFFOLD SUPPORT SCAFFOLD SUPPORT		

SCAFFOLD SUPPORT SCAFFOLD SUPPORT

RYAN GARRISON

PORTER MADARA

YADIEL SANTANA

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:MONDAY, SEPTEMBER 20, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
ROD BAKER	FE		I	
NICK SANTAMARIA	SAFEY SPECIALIST			
APM CREW				
KIRK MAY	SUPERINTENDENT			
RICKY EWING	SME			
PAUL DENARDO	MILLWRIGHT			
RANDY BUCHANAN	MILLWRIGHT			
SCOTT MAY	MILLWRIGHT			
TRAVIS MCIVER	MILLWRIGHT			
CHRISTOPHER BAPTISTA	MILLWRIGHT			
KALEOOAKAI ARNOLNLD	MILLWRIGHT			
MATT MORTIN	MILLWRIGHT			
JESSE KIRMMELBEIN	MILLWRIGHT			
RICKY MILLER	MILLWRIGHT			

MILLWRIGHT

MILLWRIGHT APP

MILLWRIGHT APP

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Tuesday, September 21, 2021 9:56 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy,

Ronald R.

Subject: RE: Daily update during outages - 09/21

Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-21_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-21_Days.pdf

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Ron / Brian,

Current Status Update as of 09/21 @ 0700. Sorry for being late – forgot to hit send.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Clean & Inspect Exhaust Casing
Replace T2 Bearing (Old) Bearing Metal Thermocouples
Roll In T2 Bearing (Old)
Remove T2 Shaft Jack
Take Closing T2 Bore Readings
Install U/H Exhaust Frame Flex Seals
Clean & Inspect T2 U/H Bearing Cap & Strong Back

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Install New T2 Bearing Lift Oil Hoses & Pressure Test
Install T2 Bearing Oil Seals
Take Closing T2 Bearing Seal Clearances
Install U/H T2 Bearing
Install T2 Bearing Instrumentation
Install T2 Bearing Strong Back & Bearing Cap
Install New Exhaust Frame Flex Seals

Completed Items Generator Reassembly

Torque TE Lower End Shield & Perform Gap Check Install T3 Shaft Jack

1

20220001-EI Staff Hearing Exhibits 00419

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

Remove TE Shaft Support
Install CE Shaft Support
Remove Skid Pan & Field Body Shoes
Remove Field Anti-Rotation Device – Install Bore Plug
Install CE Lower End Shield & Torque – Perform Gap Check
Roll In Lower T3 Bearing
Remove T3 Bearing Shaft Jack
Install T4 Shaft Jack
Remove CE Shaft Support
Remove Field Trolley Guide Tracks
Install & Torque H2 Cooler Tube Sheet Bolting – Install Floating End Packing Rings & Torque
Remove H2 Cooler Load Bearing Scaffolding
Install Load Compartment Scaffolding
Remove Generator Core Ring Test Scaffolding
Install High Voltage Bushing Flex Leads – Torque First Pass

Ongoing Items Generator Reassembly

Install T4 Bearing L/H (Temporary)
Connect Temporary Lift Oil System To T3 & T4 Bearings
Roll In Lower TE / CE Inner Gas Shield
Install Upper TE / CE Inner Gas Shield
Install TE / CE Fan Blades
Torque High Voltage Bushing Flex Leads – Second First Pass
Final Clean / Close Out Inspection GTE

Issues

Weather Stand Down - 12 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

Open items

Additional / General Notes

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, SEPTEMBER 21, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		[
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
PAUL BLACK	EXHAUST VIBRATION		
TRAVIS WARREN	EXHAUST VIBRATION		
JEFF SHULL	POJECT CONTROLS SPECIALIST		
	APM CREW		
SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		
<u>EDE</u>			
DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		
BRACE			

SCAFFOLD SUPPORT

BILLY WARNER

YADIEL SANTANA

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:TUESDAY, SEPTEMBER 21, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		1
NICK SANTAMARIA	SAFEY SPECIALIST		
	APM CRE	<u>W</u>	
KIRK MAY	SUPERINTENDENT		1
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		

MILLWRIGHT APP

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Wednesday, September 22, 2021 6:27 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy,

Ronald R.

Subject: RE: Daily update during outages - 09/22

Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-22_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-22_Days.pdf

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Ron / Brian,

Current Status Update as of 09/22 @ 0700. Sorry for being late – forgot to hit send.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Install New T2 Bearing Lift Oil Hoses & Pressure Test
Install T2 Bearing Oil Seals
Install New Exhaust Frame Flex Seals
Rig & Flip Upper Exhaust Casing
Prep Upper Exhaust Casing Joints

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Take Closing T2 Bearing Seal Clearances
Install U/H T2 Bearing
Install T2 Bearing Instrumentation
Install T2 Bearing Strong Back & Bearing Cap
Prep Lower Exhaust Casing Joints
Set Upper Exhaust Casing

Completed Items Generator Reassembly

Install T4 Bearing L/H (Temporary)
Torque High Voltage Bushing Flex Leads – Second Pass
Install TE & CE End Oil Drain Piping
Configure Temporary Lift Oil System To Connect Directly To T3 & T4 Bearings
Clean / Close Out Inspection GTE

Ongoing Items Generator Reassembly

Connect Temporary Lift Oil System To Roll In Lower TE / CE Inner Gas Shield Install Upper TE / CE Inner Gas Shield Install TE / CE Fan Blades Close GTE Access Doors

<u>Issues</u>

Weather Stand Down 7 Hours On 9/21 (1400 – 1900) - 19 Hour Delay Due To Weather To Date

T2 Bearing Lift Oil Supply Piping Does Not Appear To BE Secured Inside Of The Drain Piping – Piping Had To Be Pulled

Upstream To Allow The Lift Oil Hose To Be Attached – Extremely Hard To Connect Lift oil Hose ~ 4 Hour Delay.

Discovered Lower CE End Shield Vertical Joint Dowel Improperly Installed – Removed Dowel And Noted Slight Mis
Alignment – Reworked Lower End Shield To Correct ~ 4 Hour Delay

Noted TE Oil Drain Piping Bolting Does Not Appear To Be Correct Length – Will Investigate And Correct As Needed

Parts / Tools / Consumables

Open items

Additional / General Notes

GTE Is Ready For Final Close Out Inspection By TECO – Need To Complete To Allow For The GTE Heaters To Be Operationally Tested – Will Require Lifting PPS 45 (GTE Entry) After Close Out Inspection Completed

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, SEPTEMBER 22, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER		[
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)			
XAVIER WILSON	SAFEY SPECIALIST			
PAUL BLACK	EXHAUST VIBRATION			
TRAVIS WARREN	EXHAUST VIBRATION			
JEFF SHULL	POJECT CONTROLS SPECIALIST			
	APM CREW			
SCOTT ILLGEN	SUPERINTENDENT			
JOHN SUPLEY	MILLWRIGHT FOREMAN			
RANDY JOHNSON	MILLWRIGHT			
MARK CARO	MILLWRIGHT			
FRANK KURJACK	MILLWRIGHT			
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
HAROLD PETERS	MILLWRIGHT			
WALTER EDQUIST	MILLWRIGHT			
ANDREW MAYNARD	MILLWRIGHT			
ROB GETTEL	MILLWRIGHT			
RANDY STONE	MILLWRIGHT			
RESTON STONE	MILLWRIGHT			
TONY SIMMONS	MILLWRIGHT			
JOESPH JOHNS	MILLWRIGHT			
JACOB KOACH	MILLWRIGHT APP			
<u>EDE</u>				
DAVID PETTUS	ELECTRICAL SUPPORT			
MATT DUMARS	ELECTRICAL SUPPORT			
BRACE				

SCAFFOLD SUPPORT

BILLY WARNER

YADIEL SANTANA

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:WEDNESDAY, SEPTEMBER 22, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	lfe.	I	I
NICK SANTAMARIA	SAFEY SPECIALIST		
NICK SANTAWARIA	SAFET SPECIALIST		
	APM CRE	<u>W</u>	
KIRK MAY	SUPERINTENDENT		I
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		

MILLWRIGHT APP

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Thursday, September 23, 2021 6:42 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy,

Ronald R.

Subject: RE: Daily update during outages - 09/23

Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-23_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-23_Days.pdf

CAUTION - External Email

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Ron / Brian,

Current Status Update as of 09/23 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Take Closing T2 Bearing Seal Clearances
Install U/H T2 Bearing
Install T2 Bearing Instrumentation
Install T2 Bearing Strong Back & Bearing Cap
Restore T2 Bearing Drain Enlargement
Prep Lower Exhaust Casing Joints
Set Upper Exhaust Casing

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Load Exhaust Casing Bolting
Tension Exhaust Casing Bolting
Install Insulation Aft Exhaust Casing / Aft Turbine Compartment Wall
Clean & Inspect Exhaust Frame Blower Manifold / Roof Piping

Completed Items Generator Reassembly

Final Torque Generator High Voltage Bushing Flex Links
Final GTE Close Out Inspection
Release PPS 45 (GTE Entry) – Energize Heaters – Record Amp Draws
Connect Temporary Lift Oil System To T3 & T4 Bearing
Roll In Lower TE / CE Inner Gas Shield

1

Install Upper TE / CE Inner Gas Shield Mount TE / CE Fan Blades

Ongoing Items Generator Reassembly

Finalize TE / CE Fan Blades
Final Clean / Close Out Inspection Lower Stator Frame (CE / TE)
Install CE U/H End Shield
Install TE U/H End Shield
Close GTE Access Doors

Issues

Weather Stand Down 4 Hours On 9/21 (1700 – 2100) - 23 Hour Delay Due To Weather To Date
Noted TE Oil Drain Piping Bolting Does Not Appear To Be Correct Length – Will Investigate And Correct As Needed

Parts / Tools / Consumables

Open items

Additional / General Notes

Exhaust Vibration Instrumentation / Data Collection Computers Setup – Ready For Data Capture

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE: THURSDAY, SEPTEMBER 23, 2021

GENERAL ELECTRIC / FIELD CORE

<u>NAME</u>	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER			
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)			
XAVIER WILSON	SAFEY SPECIALIST			
PAUL BLACK	EXHAUST VIBRATION			
TRAVIS WARREN	EXHAUST VIBRATION			
JEFF SHULL	POJECT CONTROLS SPECIALIST			
	APM CREW			
SCOTT ILLGEN	SUPERINTENDENT			
JOHN SUPLEY	MILLWRIGHT FOREMAN			
RANDY JOHNSON	MILLWRIGHT			
MARK CARO	MILLWRIGHT			
FRANK KURJACK	MILLWRIGHT			
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
HAROLD PETERS	MILLWRIGHT			
WALTER EDQUIST	MILLWRIGHT			
ANDREW MAYNARD	MILLWRIGHT			
ROB GETTEL	MILLWRIGHT			
RANDY STONE	MILLWRIGHT			
RESTON STONE	MILLWRIGHT			
TONY SIMMONS	MILLWRIGHT			
JOESPH JOHNS	MILLWRIGHT			
JACOB KOACH	MILLWRIGHT APP			
<u>EDE</u>				
DAVID PETTUS	IELECTRICAL SUPPORT			
MATT DUMARS	ELECTRICAL SUPPORT			
BRACE				

SCAFFOLD SUPPORT

BILLY WARNER

TECO POLK SPRING 2021

NIGHT SHIFT

DATE: THURSDAY, SEPTEMBER 23, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE	I	1
NICK SANTAMARIA	SAFEY SPECIALIST		
	APM CRE	<u>W</u>	
KIRK MAY	SUPERINTENDENT		1
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILL WRIGHT APP	İ	1

MILLWRIGHT APP

YADIEL SANTANA

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Friday, September 24, 2021 9:04 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy,

Ronald R.

Subject: RE: Daily update during outages - 09/24

Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-24_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-24_Days.pdf

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Ron / Brian,

Current Status Update as of 09/24 @ 0700.

EHS

COVID Procedures

Crane Operations

LOTO – Gas Turbine / Generator – Released 88QA-1 & 88QB-1 From PPS 6 To Allow T2 Bearing Leak Check / Rotor Turning

Confined Space / Hot Work Permits

Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Load Exhaust Casing U/H Bolting

Tension Exhaust Casing Bolting Outer / Inner Horizontal Joint Bolting - Fwd / Aft Outer Vertical Joint Bolting

Remove Insulation Blanket Lower Aft Exhaust Casing Vertical Joint

Remove Lower Exhaust Frame Blower Manifold Sections & Flex Hoses

Remove Lower Exhaust Frame Aft Vertical Scallop Rings

Measure Lower Exhaust Frame Aft Vertical Joint Gaps

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Install Exhaust Casing Inner Vertical Joint Bolting

Inspect Aft Exhaust Casing Lower Vertical Joint Bolting – 8 Loose – Removing Lock Tabs To Determine If Broken Or Loose Clean & Inspect Exhaust Frame Blower Manifold / Roof Piping

Leak Check T2 Bearing Cap

Turbine Rotor Rotation Check

Completed Items Generator Reassembly

Finalize TE / CE Fan Blades

Final Clean / Close Out Inspection Lower Stator Frame (CE / TE)

Install CE U/H End Shield

Install TE U/H End Shield

Install CE U/H End Shield Access Covers
Install TE U/H End Shield Access Covers
Complete CE End Shield Piping
Take Initial Generator Alignment Readings (Static Reading)

Ongoing Items Generator Reassembly

Install CE Inner Oil Deflector Install CE H2 Seal Casings & Seals Install TE Inner Oil Deflector Install TE H2 Seal Casings & Seals Pump Flourisilicone H2 Coolers Prep T3 / T4 Bearing Caps Close GTE Access Doors

Issues

Weather Stand Down 3 Hours On 9/23 (1700 – 2100) - 26 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

Open items

Additional / General Notes

Exhaust Vibration Instrumentation / Data Collection Computers Setup - Ready For Data Capture

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

BILLY WARNER

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE:FRIDAY, SEPTEMBER 24, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER	1	1	
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)			
XAVIER WILSON	SAFEY SPECIALIST			
JEFF SHULL	POJECT CONTROLS SPECIALIST			
	APM CREW			
SCOTT ILLGEN	SUPERINTENDENT			
JOHN SUPLEY	MILLWRIGHT FOREMAN			
RANDY JOHNSON	MILLWRIGHT			
MARK CARO	MILLWRIGHT			
FRANK KURJACK	MILLWRIGHT			
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
HAROLD PETERS	MILLWRIGHT			
WALTER EDQUIST	MILLWRIGHT			
ANDREW MAYNARD	MILLWRIGHT			
ROB GETTEL	MILLWRIGHT			
RANDY STONE	MILLWRIGHT			
RESTON STONE	MILLWRIGHT			
TONY SIMMONS	MILLWRIGHT			
JOESPH JOHNS	MILLWRIGHT			
JACOB KOACH	MILLWRIGHT APP			
<u>EDE</u>				
DAVID PETTUS	ELECTRICAL SUPPORT			
MATT DUMARS	ELECTRICAL SUPPORT			
BRACE				

SCAFFOLD SUPPORT

PORTER MADARA

YADIEL SANTANA

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:FRIDAY, SEPTEMBER 24, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
ROD BAKER	FE	I	1	
NICK SANTAMARIA	SAFEY SPECIALIST			
APM CREW				
KIRK MAY	SUPERINTENDENT		1	
RICKY EWING	SME			
PAUL DENARDO	MILLWRIGHT			
RANDY BUCHANAN	MILLWRIGHT			
SCOTT MAY	MILLWRIGHT			
TRAVIS MCIVER	MILLWRIGHT			
CHRISTOPHER BAPTISTA	MILLWRIGHT			
KALEOOAKAI ARNOLNLD	MILLWRIGHT			
MATT MORTIN	MILLWRIGHT			
JESSE KIRMMELBEIN	MILLWRIGHT			
RICKY MILLER	MILLWRIGHT			
RYAN GARRISON	MILLWRIGHT			

MILLWRIGHT APP

MILLWRIGHT APP

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Saturday, September 25, 2021 7:46 AM

To: Hall, Brian L.; MccLain, Lee

Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Cc:

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy,

Subject: RE: Daily update during outages - 09/25

Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-25_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-25_Days.pdf

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Ron / Brian,

Current Status Update as of 09/25 @ 0700.

EHS

COVID Procedures

Crane Operations

LOTO – Gas Turbine / Generator – Will Require LOTO Release Today To Establish Seal Oil For Generator Air Test (PPS 6)

Confined Space / Hot Work Permits

Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Install Exhaust Casing Inner Vertical Joint Bolting & Scallop Rings Clean Out T2 Bearing Tunnel – Ready For Close Out Inspection Inspect / Investigate Aft Exhaust Casing Lower Vertical Joint Bolting Install New Aft Exhaust Casing Lower Vertical Joint Bolts & Lock Tabs Survey Aft Exhaust Casing Lower Vertical Joint Gap Leak Check T2 Bearing Cap

Turbine Rotor Rotation Check

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Install Aft Exhaust Casing Lower Vertical Joint Scallop Rings

Install Aft Exhaust Casing Upper Vertical Joint Scallop Rings

Install Aft Exhaust Casing Upper & Lower Insulation Pads

Clean & Inspect Exhaust Frame Blower Manifold / Roof Piping

Install Exhaust Frame Blower Manifold & Flex Hoses

Clean & Prep Aft Turbine Roof Panel / Compartment Walls For Installation

Install Aft Turbine Compartment Roof Panel

Install Exhaust Frame / Bearing Tunnel Blower Assembly

Install Turbine Compartment Fan Assembly

Finalize T2 Bearing Instrumentation

Install T2 Bearing Tunnel Aft Cover

Completed Items Generator Reassembly

Perform Load Coupling Run Out Checks

Position Turbine Rotor To Normalize Load Coupling

Finalize CE End Shield Oil Piping - Install Blinds On Turning Gear Supply / Return Piping

Install CE Inner Oil Deflector

Roll Out Lower T4 Bearing

Install CE H2 Seal Casing

Final Clean & Inspect T4 Bearing Housing - Bearing (Meggar Check)

Roll In Lower T4 Bearing

Remove T4 Shaft Jack

Install CE H2 Seals & Upper Z-Cap

Install TE Inner Oil Deflector

Install T3 Shaft Jack

Roll Out Lower T3 Bearing

Install TE H2 Seal Casing

Final Clean & Inspect T3 Bearing Housing - Bearing

Roll In Lower T3 Bearing

Remove T3 Shaft Jack

Pump Flourisilicone H2 Cooler

Prep T3 / T4 Bearing Caps

Ongoing Items Generator Reassembly

Pump Flourisilicone CE End Shield

Pump Flourisilicone CE End Shield

Install TE H2 Seals & Upper Z-Cap

Install U/H T3 Bearing

Install T3 Bearing Cap

Take Close T3 Bore Readings

Install New T3 Lift Oil Hoses & Proportioning Valves

Install T3 Outer Oil Deflector

Install TE End Shield Oil Piping

Install CE H2 Seal Casing / T4 Bearing Meggar Leads

Install U/H T4 Bearing

Install T4 Bearing Cap

Take Close T4 Bore Readings

Install New T4 Lift Oil Hoses & Proportioning Valves

Install T4 Outer Oil Deflector

Close GTE Access Doors

Recheck Load Coupling Run Out

Take Initial Generator Alignment Readings And Calculate Alignment Moves

Air Test - Should Be In Progress Before End Of Day Shift Today

Issues

Weather Stand Down - 26 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

Open items

Additional / General Notes

Will Need Operations Support To Start Air Test – Release Seal Oil Pump / Seal Oil Regulator (PPS 6) – Valve Line Up – Startup Seal Oil System – Press Generator Need Close Out Inspection T2 Bearing Tunnel – Do Not Know If There Is A Plan For Fore Protection Testing

Tony Bombe Senior Field Engineer – Gas Turbine FieldCore

BILLY WARNER

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE:SATURDAY, SEPTEMBER 25, 2021

GENERAL ELECTRIC / FIELD CORE

<u>NAME</u>	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER			
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)			
XAVIER WILSON	SAFEY SPECIALIST			
JEFF SHULL	POJECT CONTROLS SPECIALIST			
	APM CREW			
SCOTT ILLGEN	SUPERINTENDENT			
JOHN SUPLEY	MILLWRIGHT FOREMAN			
RANDY JOHNSON	MILLWRIGHT			
MARK CARO	MILLWRIGHT			
FRANK KURJACK	MILLWRIGHT			
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
HAROLD PETERS	MILLWRIGHT			
WALTER EDQUIST	MILLWRIGHT			
ANDREW MAYNARD	MILLWRIGHT		_	
ROB GETTEL	MILLWRIGHT			
RANDY STONE	MILLWRIGHT			
RESTON STONE	MILLWRIGHT			
TONY SIMMONS	MILLWRIGHT			
JOESPH JOHNS	MILLWRIGHT			
JACOB KOACH	MILLWRIGHT APP			
<u>EDE</u>				
DAVID PETTUS	ELECTRICAL SUPPORT			
MATT DUMARS	ELECTRICAL SUPPORT			
BRACE				

SCAFFOLD SUPPORT

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SATURDAY, SEPTEMBER 25, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
ROD BAKER	FE		1	
NICK SANTAMARIA	SAFEY SPECIALIST			
APM CREW				
KIRK MAY	SUPERINTENDENT		1	
RICKY EWING	SME			
PAUL DENARDO	MILLWRIGHT			
RANDY BUCHANAN	MILLWRIGHT			
SCOTT MAY	MILLWRIGHT			
TRAVIS MCIVER	MILLWRIGHT			
CHRISTOPHER BAPTISTA	MILLWRIGHT			
KALEOOAKAI ARNOLNLD	MILLWRIGHT			
MATT MORTIN	MILLWRIGHT			
JESSE KIRMMELBEIN	MILLWRIGHT			
RICKY MILLER	MILLWRIGHT			
RYAN GARRISON	MILLWRIGHT			
PORTER MADARA	MILL WRIGHT APP			

MILLWRIGHT APP

YADIEL SANTANA

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Sunday, September 26, 2021 8:04 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy,

Ronald R.

Subject: RE: Daily update during outages - 09/26

Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-26_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-26_Days.pdf

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Ron / Brian,

Current Status Update as of 09/26 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Install Aft Exhaust Casing Lower Vertical Joint Scallop Rings
Install Aft Exhaust Casing Upper Vertical Joint Scallop Rings
Install Aft Exhaust Casing Upper & Lower Insulation Pads
Clean & Inspect Exhaust Frame Blower Manifold / Roof Piping
Install Exhaust Frame Blower Manifold & Flex Hoses
Clean & Prep Aft Turbine Roof Panel / Compartment Walls For Installation
Install Aft Turbine Compartment Roof Panel
Finalize T2 Bearing Instrumentation
Perform Final Clean / Close Out Inspection T2 Bearing Tunnel

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Install Exhaust Frame / Bearing Tunnel Blower Assembly
Install Turbine Compartment Fan Assembly
Terminate Exhaust Frame / Bearing Tunnel Blower Assembly
Terminate Turbine Compartment Fan Assembly
Terminate Roof Devices
Install Exhaust Frame / Bearing Tunnel Blower Roof Piping
Install T2 Bearing Tunnel Aft Cover

Completed Items Generator Reassembly

1

Pump Flourisilicone TE End Shield

Install TE H2 Seals & Upper Z-Cap

Install U/H T3 Bearing

Install T3 Bearing Cap

Take Close T3 Bore Readings

Install New T3 Lift Oil Hoses

Install TE End Shield Oil Piping

Install CE H2 Seal Casing / T4 Bearing Meggar Leads

Install U/H T4 Bearing

Install T4 Bearing Cap

Take Close T4 Bore Readings

Install New T4 Lift Oil Hoses & Proportioning Valves

Install T4 Outer Oil Deflector

Install T4 Bearing Instrumentation

Close GTE Access Doors

Recheck Load Coupling Run Out

Take Initial Generator Alignment Readings And Calculate Alignment Moves

Make Right Side Generator Shim Move

Remove Generator Centerline Keys

Release Seal Oil Pump / Seal oil Regulator From PPS 6 - Configure Generator For Air Test - Start Up Seal Oil System -

Press Generator For Air Test

Set Upper Load Compartment Section In Place

Set Exciter Base And Brush Rigging In Place

Set Turning Gear In Place

Ongoing Items Generator Reassembly

Air Test – Data Collection In Progress – Will Have 12 Hour Assessment @ 0900 And Review With Team

Complete Generator Alignment Shim Move (Left Side) - Make Side Move

Take Post First Move Generator Alignment Readings - Calculate Alignment Move If Required

Marry Load Coupling

Install Load Coupling Bolting And Tension

Install Load Coupling Guard

Complete Turning Gear Installation

Align Turning Gear

Assemble Exciter Brush Rigging / Housing

Terminate Collector Cab Roof Panel

Terminate Load Compartment

Restore T1 Bearing Instrumentation

Install T3 Bearing Instrumentation

Install T3 Outer Oil Deflector

Install T3 / T4 Lift Oil Piping

Restore Lube Oil / Lift Oil To Generator

Issues

Weather Stand Down - 26 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

Open items

Additional / General Notes

 $Will \ Need \ Operations \ Support-Restore \ LOTO \ 88QA-1 \ / \ 88QB-1-Release \ Generator \ Bearing \ Lube \ Oil \ / \ Lift \ Oil \ Supply \ (PPS \ 6)$

Will Need Operations Support After Air Test Is Completed

Tony Bombe Senior Field Engineer – Gas Turbine

FieldCore

TECO POLK SPRING 2021

DAY SHIFT

DATE:SUNDAY, SEPTEMBER 26, 2021

GENERAL ELECTRIC / FIELD CORE

<u>NAME</u>	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER	i i		
RONALD WIENEKE	CONTROLS SPECIALIST GT			
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)			
XAVIER WILSON	SAFEY SPECIALIST			
JEFF SHULL	POJECT CONTROLS SPECIALIST			
	APM CREW			
SCOTT ILLGEN	SUPERINTENDENT			
JOHN SUPLEY	MILLWRIGHT FOREMAN			
RANDY JOHNSON	MILLWRIGHT			
MARK CARO	MILLWRIGHT			
FRANK KURJACK	MILLWRIGHT			
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
HAROLD PETERS	MILLWRIGHT			
WALTER EDQUIST	MILLWRIGHT			
ANDREW MAYNARD	MILLWRIGHT			
ROB GETTEL	MILLWRIGHT			
RANDY STONE	MILLWRIGHT			
RESTON STONE	MILLWRIGHT			
TONY SIMMONS	MILLWRIGHT			
JOESPH JOHNS	MILLWRIGHT			
JACOB KOACH	MILLWRIGHT APP			
<u>EDE</u>				
DAVID PETTUS	ELECTRICAL SUPPORT			
MATT DUMARS	ELECTRICAL SUPPORT			
BRACE				

SCAFFOLD SUPPORT

BILLY WARNER

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SUNDAY, SEPTEMBER 26, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT	
JOSHUA WAINWRIGHT	FE		1	
NICK SANTAMARIA	SAFEY SPECIALIST			
APM CREW				
KIRK MAY	SUPERINTENDENT		1	
RICKY EWING	SME			
PAUL DENARDO	MILLWRIGHT			
RANDY BUCHANAN	MILLWRIGHT			
SCOTT MAY	MILLWRIGHT			
TRAVIS MCIVER	MILLWRIGHT			
CHRISTOPHER BAPTISTA	MILLWRIGHT			
KALEOOAKAI ARNOLNLD	MILLWRIGHT			
MATT MORTIN	MILLWRIGHT			
JESSE KIRMMELBEIN	MILLWRIGHT			
RICKY MILLER	MILLWRIGHT			
RYAN GARRISON	MILLWRIGHT			
PORTER MADARA	MILL WRIGHT APP			

MILLWRIGHT APP

YADIEL SANTANA

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Monday, September 27, 2021 7:59 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy,

Ronald R.

Subject: RE: Daily update during outages - 09/27

Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-27_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-27_Days.pdf

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Ron / Brian,

Current Status Update as of 09/27 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Install Exhaust Frame / Bearing Tunnel Blower Assembly

Install Turbine Compartment Fan Assembly

Terminate Exhaust Frame / Bearing Tunnel Blower Assembly

Terminate Turbine Compartment Fan Assembly

Terminate Roof Devices (Pressure Switches / Transmitters / Hazardous Gas Detectors / Electric Valves)

Install Exhaust Frame / Bearing Tunnel Blower Roof Piping

Restore Roof Handrail – Caulk Roof Joints / Petrations / Lifting Eyes

Install T2 Bearing Tunnel Aft Cover

Remove T2 Bearing Tunnel Access Scaffold

Clean & Inspect Exhaust

Repair Damaged Exhaust Casing Flex Hose Flange Bolt Holes

Perform QC On Exhaust Casing / Piping

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Clean out Turbine Compartment – Tools / Cords / Hoses / Lights / Etc...
Pre-Startup Checks

Completed Items Generator Reassembly

Air Test - Results Indicate Extremely Tight

Complete Generator Alignment Shim Move (Left Side) - Make Side Move

Install Exciter Base And Brush Rigging

Align Brush Rigging

Install Exciter Fan Blades / Fan Shrouds / Guards

Install Exciter Housing / Duct

Rough Align Turning Gear

Install T3 Outer Oil Deflector

Restore Lube Oil / Lift Oil To T3 & T4 Bearing

Install Load Compartment Fan / Duct

Install Load Compartment Door (Right Side)

Install Load Compartment / Stator Frame & Load Compartment / Inlet Plenum Expansion Joints

Terminate Load Compartment Roof Fan / Devices

Install T3 Bearing Instrumentation

Install H2 Cooler Cooling Water Supply / Return Piping

Ongoing Items Generator Reassembly

Set Collector Cab Roof Panel - Final Time

Install Hydrogen Vent Piping

Take Final Generator Alignment Readings

Marry Load Coupling

Install Load Coupling Bolting And Tension

Set Generator Hold Down Nuts & Weld Lock Tabs

Install Load Coupling Guard

Align Turning Gear

Couple Turning Gear

Install Turning Gear Oil Piping

Terminate Turning Gear

Dowel Turning Gear

Terminate Collector Cab Roof Panel

Install Load Coupling Guard

Restore T1 Bearing Instrumentation

Install H2 Cooler Drain Piping

Issues

Weather Stand Down - 26 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

H2 Cooler Drain Piping – Need To Rework How The Drain Piping In Installed – Add Unions To Cooler End To Eliminate Piping Stress On Fitting That Connects To H2 Coolers

Open items

Exhaust Duct Ready For Close Out Inspection / Install Access Panel

Additional / General Notes

Will Need Operations Support On Following Activities:

Operate Lube Oil / Lift Oil Pump For Generator Alignment

Restore Lube Oil LOTO After Alignment Completed

Release Turbine LOTO (PPS 3 & 90) To Allow For Pre-Startup Checks (Fan Rotations / Pressure Switches)

Release LOTO As Needed To Press Generator With CO2 / H2

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

20220001-EI Staff Hearing Exhibits 00446

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:MONDAY, SEPTEMBER 27, 2021

GENERAL ELECTRIC / FIELD CORE

<u>NAME</u>	RESPONSIBILITY	TIME IN	TIME OUT	
JOSHUA WAINWRIGHT	FE			
NICK SANTAMARIA	SAFEY SPECIALIST			
APM CREW				
KIRK MAY	SUPERINTENDENT			
RICKY EWING	SME			
PAUL DENARDO	MILLWRIGHT			
RANDY BUCHANAN	MILLWRIGHT			
SCOTT MAY	MILLWRIGHT			
TRAVIS MCIVER	MILLWRIGHT			
PORTER MADARA	MILLWRIGHT APP			
YADIEL SANTANA	MILLWRIGHT APP			

TAMPA ELECTRIC COMPANY **DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022**

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:MONDAY, SEPTEMBER 27, 2021

GENERAL ELECTRIC / FIELD CORE

<u>NAME</u>	RESPONSIBILITY	TIME IN	TIME OUT
JOSHUA WAINWRIGHT	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		
APM CREW			
KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Tuesday, September 28, 2021 8:18 AM

To: Hall, Brian L.; MccLain, Lee

Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Cc:

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy,

Subject: RE: Daily update during outages - 09/28

Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-28_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-28_Days.pdf

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Ron / Brian,

Current Status Update as of 09/28 @ 0700.

EHS

COVID Procedures Crane Operations LOTO – Gas Turbine / Generator Confined Space / Hot Work Permits Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Clean out Turbine Compartment – Tools / Cords / Hoses / Lights / Etc... **Pre-Startup Checks**

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Unit Reassembly Completed

Completed Items Generator Reassembly

Set Collector Cab Roof Panel - Final Time Install Hydrogen Vent Piping Take Final Generator Alignment Readings Marry Load Coupling Install Load Coupling Bolting And Tension Set Generator Hold Down Nuts & Weld Lock Tabs Install Load Coupling Guard **Terminate Turning Gear** Terminate Collector Cab Roof Panel Install Load Coupling Guard Modify And Install H2 Cooler Drain Piping

Replace T3 & T4 Bearing Lift Oil Control Valves And Flex Hoses

Released LOTO H2 Cooler Cooling Water (PPS 62)

Released LOTO Generator Internal Inspection (PPS 6 – Partial) To Allow Generator To Be Pressed To Hydrogen Clean Out Collector Cab

Ongoing Items Generator Reassembly

Install Generator Centerline Keys Align Turning Gear Couple Turning Gear Install Turning Gear Oil Piping Dowel Turning Gear Install Collector Cab End Wall Restore T1 Bearing Instrumentation Clean Up Activities

<u>Issues</u>

Weather Stand Down - 26 Hour Delay Due To Weather To Date

Turning Gear Axial Mounting Distance – Unable To Set Correctly Due To Bolt Bound – Had New Higher Grade Anchor
Bolts Machined To Provide Clearance Needed – Bolts Arrived On Site 0700 This Moring And Have Been Installed –

Turning Gear Axial Mounting Distance Corrected – Alignment In Progress

Parts / Tools / Consumables

Open items

Exhaust Duct Ready For Close Out Inspection / Install Access Panel

Additional / General Notes

Will Need Operations Support On Following Activities:
Operate Lube Oil / Lift Oil Pump For Generator Alignment
Restore Lube Oil LOTO After Alignment Completed
Release Turbine LOTO (PPS 3 & 90) To Allow For Pre-Startup Checks (Fan Rotations / Pressure Switches)
Release LOTO As Needed To Press Generator With CO2 / H2

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

BILLY WARNER

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, SEPTEMBER 28, 2021

GENERAL ELECTRIC / FIELD CORE

<u>NAME</u>	RESPONSIBILITY	TIME IN	TIME OUT	
TONY BOMBE	PROJECT MANAGER			
RONALD WIENEKE	CONTROLS SPECIALIST GT			
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)			
PAUL BLACK	EXHAUST VIBRATION			
TRAVIS WARREN	EXHAUST VIBRATION			
	APM CREW			
SCOTT ILLGEN	SUPERINTENDENT			
JOHN SUPLEY	MILLWRIGHT FOREMAN			
RANDY JOHNSON	MILLWRIGHT			
MARK CARO	MILLWRIGHT			
FRANK KURJACK	MILLWRIGHT			
TIM BALL	MILLWRIGHT			
JUSTIN LANGSDON	MILLWRIGHT			
HAROLD PETERS	MILLWRIGHT			
WALTER EDQUIST	MILLWRIGHT			
ANDREW MAYNARD	MILLWRIGHT			
ROB GETTEL	MILLWRIGHT			
JOESPH JOHNS	MILLWRIGHT			
JACOB KOACH	MILLWRIGHT APP			
<u>EDE</u>				
DAVID PETTUS	ELECTRICAL SUPPORT			
MATT DUMARS	ELECTRICAL SUPPORT			
BRACE				

SCAFFOLD SUPPORT

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:TUESDAY, SEPTEMBER 28, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
JOSHUA WAINWRIGHT	FE		<u> </u>
APM CREW			
KIRK MAY	SUPERINTENDENT		I
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>

Sent: Wednesday, September 29, 2021 6:17 AM

To: Hall, Brian L.; MccLain, Lee

Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano,

Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy,

Ronald R.

Subject: RE: Daily update during outages - 09/29
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-29_Days.pdf

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Ron / Brian,

Current Status Update as of 09/29 @ 0700.

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator – ALL LOTO RELEASED
Unit Start Up
Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Completed Items Generator Reassembly

Align Turning Gear

Install Turning Gear Lube Oil Supply / Return Piping

Perform Final Oil Piping Leak Check

Install Turning Gear Coupling Adapter Flange To Field

Assemble Turning Gear Coupling

Assemble Exciter Duct End Panel

Startup H2 Cooler Cooling Water System

Address H2 Cooler Cooling Water Piping Leaks – Not From Flanges We Worked On

Remove Generator Platform Scaffolding

Install Generator Platform Handrail

Install Collector Cab End Wall Panel

Finalize TE & CE Centerline Keys

Clean TE End Shield / Load Compartment

Set T3 Radial Vibration Probes – Functional Check Seismic Probes And Install

Restore T1 Bearing Instrumentation

1

20220001-EI Staff Hearing Exhibits 00454

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

Install Generator Shaft Grounding Brushes
Verify Load Compartment Vent Fan Rotation
Set T3 & T4 Lift Oil Flow Control Valves – Perform Lift Checks All Bearings
Check Turning Gear Break Away Torque
Check Turning Gear Rotation
Drill / Ream / Dowel Turning Gear
Release All LOTO
Release Unit To Operations @ 2100

Ongoing Items Generator Reassembly

Support Unit Startup
Weld Handrail Section East End GT Generator Platform
Restore Handrail Section North East Corner ST Generator Deck
Demobilize Activities

<u>Issues</u>

Weather Stand Down - 26 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

Open items

Exciter Brushes Still Need To Be Installed

Additional / General Notes

Tony Bombe

Senior Field Engineer – Gas Turbine FieldCore

TECO POLK SPRING 2021

DAY SHIFT

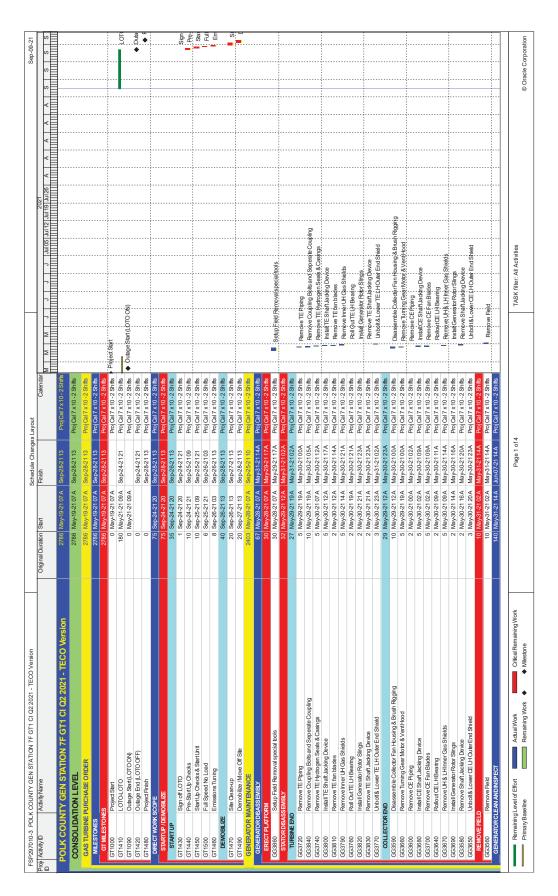
DATE:WEDNESDAY, SEPTEMBER 29, 2021

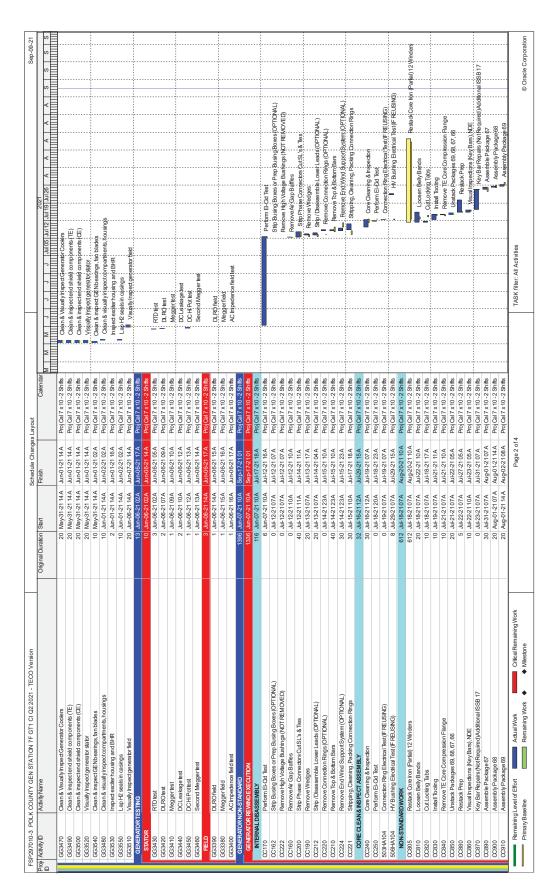
GENERAL ELECTRIC / FIELD CORE

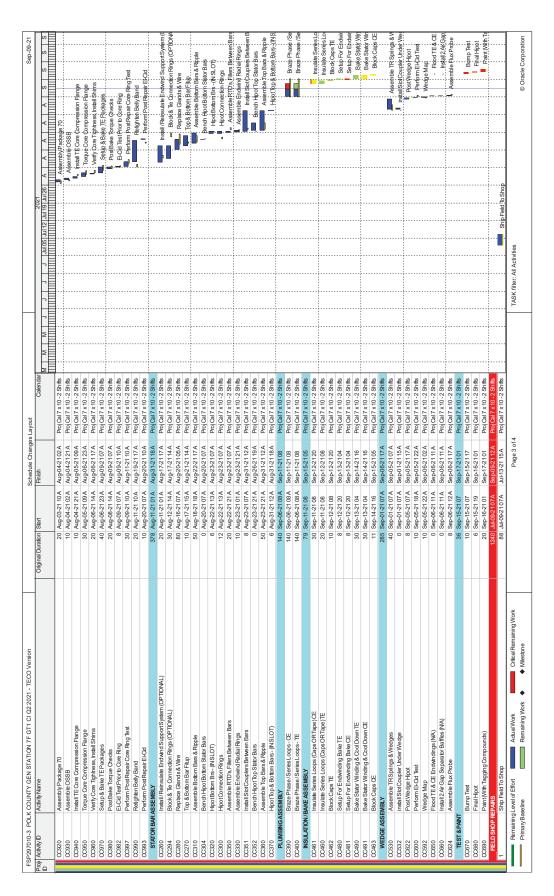
NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		1
RONALD WIENEKE	CONTROLS SPECIALIST GT		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
PAUL BLACK	EXHAUST VIBRATION		
TRAVIS WARREN	EXHAUST VIBRATION		
APM CREW			
SCOTT ILLGEN	SUPERINTENDENT		1
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		
EDE			
DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		
BRACE			

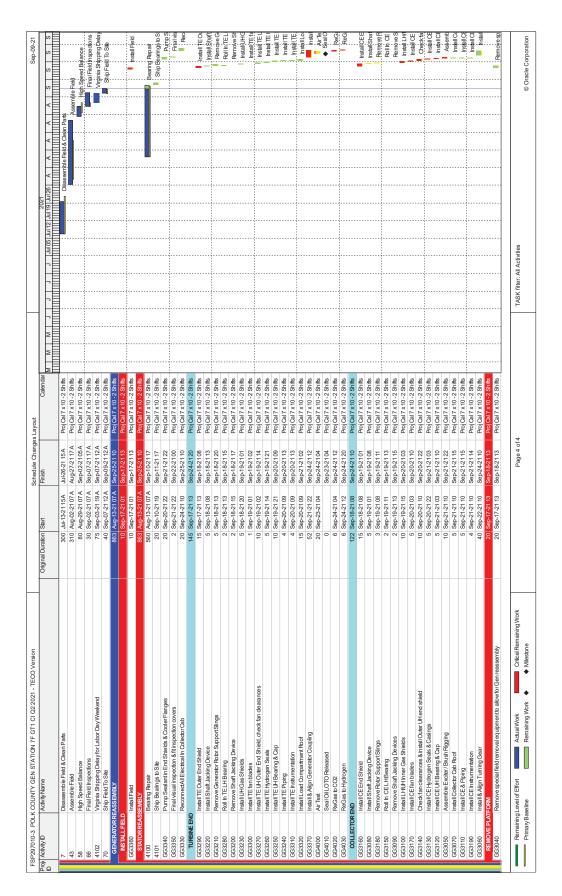
SCAFFOLD SUPPORT

BILLY WARNER









From: Thompson, Brian R (GE Gas Power)

To: <u>Dilport, Nate</u>

Cc: Stock, Derek R.; Torbert, Justin D.

Subject: TECO Polk CT 1 Generator - ER case on Stator Damage Noted

Date:Tuesday, March 22, 2022 8:45:48 AMAttachments:TE End Winding Damage 5.zip

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Nate,

Per our phone conversation please find a summary of the ER-Case entered during the Spring 2021 CT 1 outage when the core damage was noted. ER-20210526-0948 Stator Visual Inspection Damage Noted.

Initial case description

We are performing a planned out on this generator to replace the generator heaters. We have removed the upper outer end shields to access the heaters. We made a recommendation to the customer to remove the upper gas shields to perform a visual inspection of the end windings. They had not been uncovered in several years and we were right there.

The customer agreed with the recommendation and we have now removed the upper gas shields. We did a quick visual inspection (Mechanical FE - Not Generator Specialist) of the end windings. We have noted two areas of concern on the TE. There appears to be a ripple spring that has migrated from under the wedge near the 12:00 position.

The migrated piece has bent 90 degrees appears to be touching / almost touching the field. The end of the wedge slot also appears to be cracked. There appears to be black deposits - from over-heating possibly - that are several slots wide on both sides of the damage. The deposits also can be seen a couple feet into the core on the windings. The second location is at the 9:00 position. The black deposits appears very similar to the 12:00 position. The issue with the ripple spring and cracking are not seen.

This unit has had at least one significant motoring event in march 2017. ER 20170301-2160 was opened at time. A small vibration step change was noted and the issue was investigated. Engineering provided support via 20170411-3615. A vibration specialist collected ADRE data after returning the unit to service. The vibration data was submitted for engineering review via ER 201705-3966. I believe that the load was varied during the data collection to check for thermal sensitivity with no response.

The customer has recently performed a flux probe test and the data was reviewed by a 3rd party. The assessment was that here are two shorted turns. We opened ER 20210524-0917 for engineering review of the test data. A recommendation was made to perform a visual inspection of the field, perform electrical testing of the field and a RSO test. Additional recommendation was to return to service and perform periodic flux probe test to monitor the shorted urn. Continued operation was permitted as long as thermal sensitivities did not develop and the rated output could be achieved.

It should also be noted that this unit has a history of oil ingress. Small pools of oil have been noted on both ends between the lower gas shields and end shields. There are no known liquid level detector alarms - on the SDE or the generator belly. We are planning to check for levels present in the drip legs to ensure the alarms have not failed.

Initial Case requested deliverables

Please review the pictures and referenced ER cases. Please provide and initial assessment with first thoughts so that we can discuss with the customer. please provide any additional inspection recommendations to be completed. We plan to have the GS perform a more thorough visual inspection when he arrives. We are also planning on performing the standard generator electrical testing to include a DC leakage test without HIPOT. Please advise any additional electrical testing recommendations - such as need to do a HIPOT - or inspections - such as a magic that should be performed to better provide a final engineering recommendation

Case close notes

After site visit it is clear that a partial restack and rewind are necessary. One bar was found with damage as well. A strut / I-beam is missing. One package of laminations can be moved like cards in a deck. Unit did pass initial electrical testing but failed post megger testing

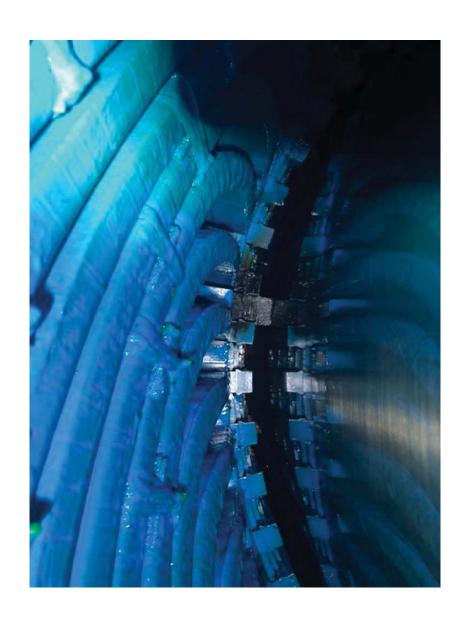
Please let me know if you have any additional questions or concerns.

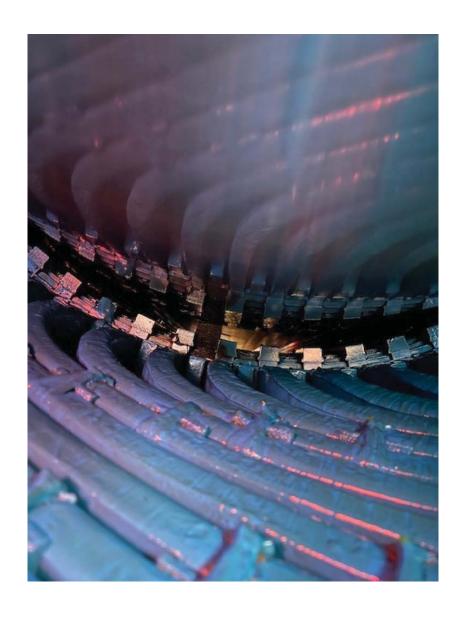
Brian R Thompson

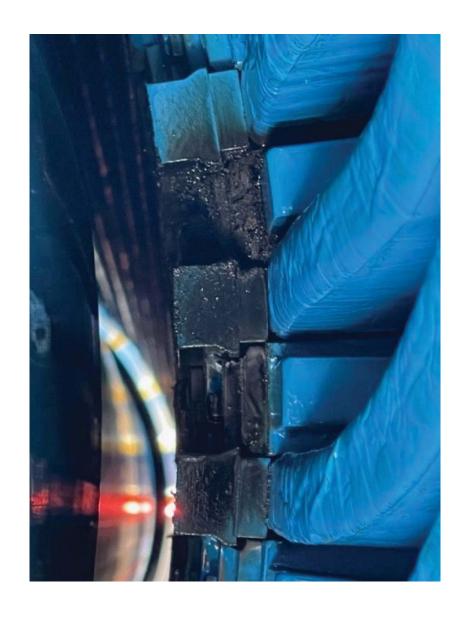
Customer Service Leader Power Services

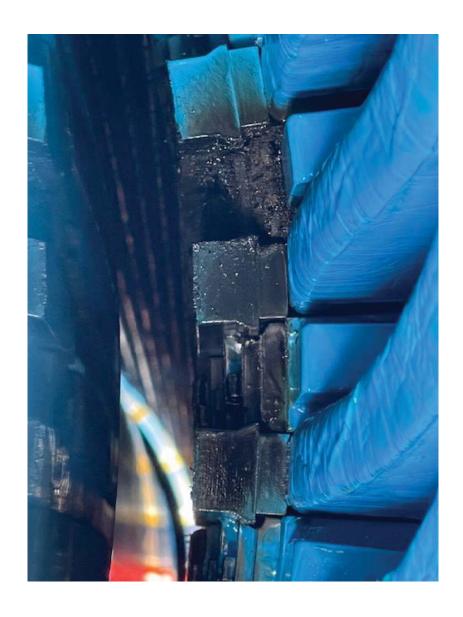
M +1 813 416 7771













Work Order

Number: 2804521 Task: 1

A28045210001

Equipment Description:			C 20, 2021	
1-HOH-LV-913 HRSG1 HF	P Drum Level Cont	rol Valve	Sep 30, 2021 Task Approved: No	ot Approved
Equipment/Location:				ot Required
Polk County/POLK POWER STA	ΓΙΟΝ/UNIT 1/		Outg Approved: No	ot Required
POWER BLOCK/POWER BLOCK/			Status: Closed	
HEAT RECOVERY STEAM GENE	RATOR/		Priority: Emerge	
HIGH PRESSURE STEAM/H P DI	RUM/CONTROL VALVE	S/	Condition: Outage	
1-HOH-LV-913 H.P. STEAM DRU		•	Outage: None s Impact: Produc	specified
			Reason:	.0011
			PK1	
			Start-up problem	
Work Order Problem Description:				
Valve has Body to Bonnet LE	AK			
Estimates:			Combined Labor	± 00
Planned By:		Total Job Hours Total Man Hours	Contract Labor Contract Material	\$.00 \$.00
Planned Date:	Teco Labor:		Contract Eqpt Renta	\$.00
Approved By:			Teco Material Teco Other Material	\$.00 \$.00
CHECK YOUR	TAGS	Tag #:	Teco Labor	\$.00
CHECK TOOK	1703	1.19	Estimates Tota	l: \$.00
Description of Work to be Perform	med for this Task:			
REPAIR				
Orig Par FERC/Pt Bnft Par	Area: Contractor M			
943 553-79 000				
WBS	Requester:			
CRR-05786.M.5530	Dodd, Frederic J.			
a				
Complete Description of Work I	Performed:			
Completed By:			Date:	
Completed by.			Date.	

Task Print for 2804521-1



Work Order

FILED: APRIL 8, 2022

Number: 2804521

Task:

A28045210002

Equipment Description:				Oct 1, 2021	
1-HOH-LV-913 HRSG1 HF	P Drum Level Contr	ol Valve		Task Approved: 10	/01/2021
Equipment/Location: Polk County/POLK POWER STATE	TION/LINIT 1/			Cost Approved: Ap	proved
POWER BLOCK/POWER BLOCK/				Status: Comple	
HEAT RECOVERY STEAM GENER				Priority: Urgent	
HIGH PRESSURE STEAM/H P DR	•	5/		Condition: Outage	
1-HOH-LV-913 H.P. STEAM DRU		-,		Outage: None s Impact: Produc	pecified
				Reason:	COTT
				PK1	
				Start-up problem	
Work Order Problem Description:					
Valve has Body to Bonnet LE	:AN				
Estimates: Planned By: Thayer, Kevin		Total Job Hours	Total Man Hours	Contract Labor Contract Material	\$3,000.00 \$.00
Planned Date: 10/1/2021 14:42:	06 Contractor Labor:	20.0	20.0	Contract Eqpt Renta	\$.00
Approved By: Thayer, Kevin	Teco Labor:			Teco Material Teco Other Material	\$.00 \$.00
CHECK YOUR	TAGS	Tag #:		Teco Labor	\$.00
				Estimates Tota	\$3,000.00
Description of Work to be Perform					
Need crane operator to a	ssist with valve.				
Orig Par FERC/Pt Bnft Par	Area: Contractor Ma	anagement			
943 553-79 000	Outage & Projects				
	MID-STATE MACHINE				
WBS	Requester:				
CRR-05786.M.5530 Dodd, Frederic J.					
Complete Description of Work F	I Performed:				
•					
Completed Pur				Date:	
Completed By:				Date:	

Task Print for 2804521-2



Work Order

Number: 2810552 Task: 1

A28105520001

				1	
Equipment Description:				Oct 24, 2021	
CT1 Generator Breaker 1-	GML-BKR-1A			Task Approved: No	t Annroved
Equipment/Location:				Cost Approved: Ap	
Polk County/POLK POWER STA	TION/UNIT 1/			Outg Approved: NO	t Required
POWER BLOCK/POWER BLOCK/				Status: Closed	
COMBUSTION TURBINE/GENER	ATOR/GENERATOR/			Priority: Urgent	
GENERATOR CIRCUIT BREAKER	RS 1-GML-BKR-1A			Condition: Outage	
				Outage: None s Impact: Product	
				Reason:	
				Electrical Maint.	
Work Order Problem Description		11			
CT1 Generator Breaker - Me Directions: CT1 Generator by		lamaged.			
Directions. OT 1 Contrator bi	oundi				
Estimates:		Total Job Hours Total Man	Hours	Contract Labor	\$.00
Planned By: Davis Sr, Teddy A. Planned Date: 10/25/2021 09:41:48 Teco Labor:		40.0	80.0	Contract Material Contract Egpt Rental	\$.00 \$.00
Approved By:	reco Lubor.	10.0	00.0	Teco Material	\$.00
CHECK AVIID	TACC	Tag #:		Teco Other Material Teco Labor	\$.00 \$4,880.00
CHECK YOUR	IAGS	rag #.		Estimates Total	\$4,880.00
Description of Work to be Perform	med for this Task:				
CT1 Generator breaker -	Repair of mechan	ical linkage.			
Orig Par FERC/Pt Bnft Par	Area: Power Block		1,	Skille Boguiromont	Ohr Hro
	Unit 1 CT/HRSG			Skills Requirement Mechanical	Qty Hrs 2 40.0
943 553-79 000					
WBS	Requester:				
CRR-05786.M.5530	Besing, Edgardo				
	3, 3				
Complete Description of Work I	Performed:				
			-		
Completed By:				Date:	

Task Print for 2810552-1



Work Order

FILED: APRIL 8, 2022

Number: 2810552

Task:

A28105520002

Equipment Description:			Oct 25, 2021	
CT1 Generator Breaker 1-	GML-BKR-1A		Task Approved: 10	1/25/2021
Equipment/Location:			Cost Approved: No	
Polk County/POLK POWER STAT	TION/UNIT 1/		Outg Approved: No	ot Required
POWER BLOCK/POWER BLOCK/			Status: Comple	eted
,			Priority: High	3.00
COMBUSTION TURBINE/GENER			Condition: Outage	3
GENERATOR CIRCUIT BREAKER	RS 1-GML-BKR-1A			specified
			Impact: Produc	tion
			Reason:	
Work Order Problem Description:	<u> </u>			
CT1 Generator Breaker - Me		damaged.		
Estimates:		Total Job Hours Total Man Hours	Contract Labor	\$.00
Planned By: Planned Date:	Teco Labor:	10001303110013	Contract Material Contract Egpt Renta	\$.00 I \$.00
Approved By:	reco Labor.		Teco Material	\$.00
			Teco Other Material Teco Labor	\$.00 \$.00
CHECK YOUR	TAGS	Tag #:	Estimates Total	·
Description of Work to be Perform	med for this Task:			
Cover cost for Mid-State	to repair breaker	linkage.		
NOT	COST	APPROVED		
	COOT	ALL INCOVED		
Orig Par FERC/Pt Bnft Par	Area: Contractor N	Management T		
943 553-79 000	20.16.40.01			
313 333 73 000	MID-STATE MACI	HINE		
WBS	Requester:			
CRR-05786.M.5530	Davis Sr, Teddy A	٨.		
Complete Description of Work I	Performed:			
Completed By:			Date:	

Task Print for 2810552-2

20220001-EI Staff Hearing Exhibits 00471

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

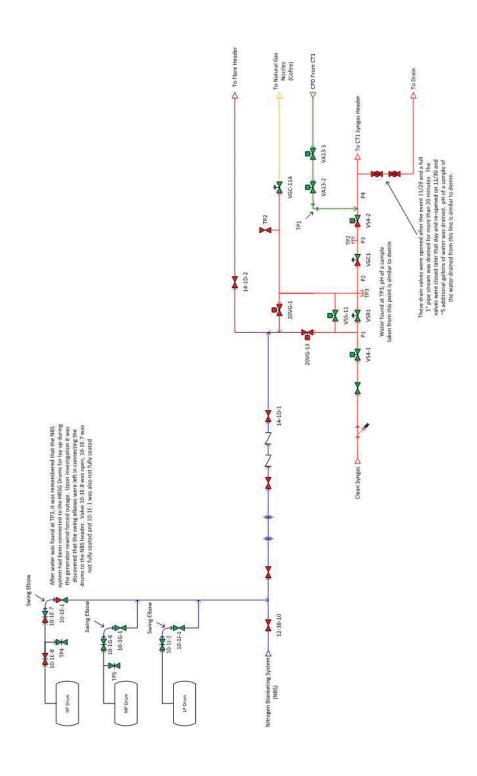
From: Stock, Derek R.

To: Prestwood, Jack C.; Dilport, Nate; Torbert, Justin D.; Hall, Brian L.

Cc: <u>Carman, Derek I.; Peterson, Robert R.</u>
Subject: CT1 RCA Daily Update Meeting

This meeting is being set up to provide leadership daily updates of the RCA of the CT1 event until further notice

- -Root Cause update
- -Work outside CT taking place
- CT update.



From: <u>Dilport, Nate</u>

To: <u>Sanchioni-Rivera, Shelly S</u>

Cc: Knapp, David R.; Torbert, Justin D.; Hall, Brian L.; Stock, Derek R.; Shell, Patrick L.; Peterson, Robert R.

Subject: Polk CT1 Stage 3 Bucket Liberation RCA

Date: Wednesday, December 1, 2021 8:45:51 AM

Good Morning Shelly,

I'm not sure if you have heard, but we suffered a stage 3 bucket liberation on CT1 related to water induction at full speed no load. We are going to be in the territory of a major RCA, can you assist me in pulling a RCA team together?

We would like to have Derek Stock, Justin Torbert, Brian Hall and me included from the station. There will also likely be a significant near miss attached to the incident, but that determination has not been officially made yet.

Regards,

Nate Dilport
Project Engineer
Polk Power Station
Office: (863) 428-5982
Cell: (813) 310-0256
ndilport@tecoenergy.com

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PK1 – Forced Major Outage High Potential

Date: 11/29/2021

High Potential Incident DRAFT Incident Investigation Report

Polk Power Station

Type:	CT 1 Forced Outage
Date:	November 29 th , 2021
Time:	0748
Location:	PPS Unit 1 Combustion Trainer
Contractor:	N/A
Job Task:	N/A
Environmental Conditions	Mild morning

Incident

During start up on Polk 1, the combustion turbine was firing and approaching FSNL when the Compressor Discharge Air (CPD) Block valves, VS13-1 and VS13-2, opened to provide cooling air to the syngas nozzles. Shortly after the unit tripped on high vibration and coasted down at what appears to be a typical coast down curve. Turning gear engaged and unit cooled down and shut off for inspection.

Events Prior to the Incident

Polk 1 Generator was in outage from May-October for repairs of the stator and rotor. During the repair, the boiler was tested for long term reserve by putting nitrogen in the drums using the existing nitrogen blanket system (NBS) by installing the swing elbows and running nitrogen into the drums. The NBS system was valved out and was verbally requested to remove swing elbows from drums to re-isolate the NBS system from the HRSG for tube sampling work. The elbows were left installed and valved out. Polk 1 had two start-ups on 10/2 - 10/20 then on 11/5 - 11/18. During the 11/5 start-up the HP drum went off scale high when the boiler feed pump started and recovered 20 minutes later, this has happened in the past and has been a known issue that is currently being resolved with the HP Drum level control valve. On 11/18 Polk 1 was taken off-line for electrical testing and was called to start on 11/29.

Events after the Incident

After the unit tripped, investigations started immediately. A maintenance specialist remembered a similar incident 2012 when water was in the syngas header and Polk 1 tripped on high vibrations, it was found at this time that the water injection for liquid fuel operations leaked by in the fuel nozzles and made its way into the header. The syngas header was the first placed that was checked for water at the low point and a significant amount of water was found. The water was tested and was similar in pH to demineralized water (~5 pH). The source of water was found upstream in P2 cavity in the syngas skid, which had to leak by to valves (VS4-1 and VGC-2) to enter the syngas header. The P1 and P2 cavities are vented to the flare that also is tied into the NBS header that the HRSG steam drums were tied into for testing earlier that year during the Polk 1 generator outage. While tracing down lines, it was remembered that the NBS line was used for drum layup and that it tied into the same NBS header the flare was tied into. The HRSG steam drums and NBS system was walked down it was found the swing elbows were in fact left in place and two of the NBS block valves appeared not to be fully isolated. Investigations continued to prove that the source of the water came from the HP steam drum and that has been verified from several test.

Observations (Facts)

- Polk 1 was called to start on 11/29/2021 at
- Polk 1 tripped on high vibrations
- Water was found in the low point on the syngas header inside the compartment
- Water was found in the NBS line and Flare header
- The NBS header was tied into the steam drums on the HRSG
- NBS Upstream block valve10-1E-V8 into HP Steam drum was open
- 3rd stage buckets liberated from the turbine

Concise Sequence of Events

Injury / Damage

No injuries occurred as a result of this event. 3rd stage buckets, nozzles, and shrouds were damaged, exhaust frame was damaged.

TECO - Polk Power Station

Page 2

Compressor blades and stators will be needed blending for minor tip curl and rubbing. Bearing seals will need replacement and hydrogen seals need inspection.

Turbine/Generator bearings are planned on being inspected and refurbished if needed.

Immediate Factors

- The HRSG steam drums were tied into the NBS header with the swing elbows that are not intended to be used during normal operation.
- Nitrogen, through the NBS header, is used as an inert gas for the flare header
- Steam/Condensate had a path into the NBS system

Operational Factors

- NBS swing elbows were left in place while unit was in operation
- NBS system was not used for 25+ years of operation and was not captured in a walkdown checklist

Equipment Factors

- VS4-1 and VGC-1 leaked by
- Downstream NBS 10-1E-V8 was not closed
- NBS valves 10-1E-V7 and 10-1E-V1 were not fully isolated

Controls Factors

Conclusion

Water was able to accumulate in the P2 cavity and leak into the syngas header to allow water ingestion into CT1 while at FSNL operation.

Recommendations

See Excel form for recommendations and solutions

 From:
 Scott Fortuna

 To:
 Stock, Derek R.

 Subject:
 RE: Availability to Polk

Date: Wednesday, December 8, 2021 8:22:01 AM

CAUTION - External Email

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Hi Derek,

I'm "on loan" to Polk for the RCA. I'm supporting Bayside full time. I checked with the Bayside Director to see if he was ok with me helping out on the RCA and he is, but I won't be fully available as you mentioned. I'm looking after the Advanced Gas Path project, the boiler feedpump upgrades and the BOP impact here so that's keeping me busy. Plus I live in Maine so I'm here about 2 weeks per month.

I think the RCA is going very well. I was pleasantly surprised at the progress even at the meeting on Monday. During the walkdown, I think we all got to the same conclusion. I feel like the root cause is understood at this point. Just before I had to leave yesterday, I asked about any GT vibration or any other indications of water ingestion from that second start. If we believe condensation from the steam drum leaked by the valves on the swing elbow, why did that not happen during the 1st run (before the 2nd start)? That's the one question on my mind right now.

Otherwise, the path forward should be how those swing elbows got installed (we looked at the June Work Order yesterday) and how do we prevent something like that from happening again.

I plan to be on for the whole meeting today.

Thank you.

Scott

From: Stock, Derek R. <drstock@tecoenergy.com>

Sent: Wednesday, December 8, 2021 7:48

To: Scott Fortuna <scott@librapowersolutions.com>

Subject: Availability to Polk

Hey Scott, I appreciate you coming out to Polk for RCA. My understanding is that you still have some work at Bayside. Do you know the point you will be fully available for Polk? Outside us gathering our own data to continue on the RCA is there anything you need as we continue? Just

20220001-EI Staff Hearing Exhibits 00479

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

			1 1		1 1 101 - 4
want to make sure as	: We are in early	/ stages of	nracess we don't	miss anything i	ou would like to see.
Walle to make sale as	, we are in carry	Juges of	process we don t	. ITHISS WITH CHILLIS	od Wodia like to see.

Thanks, Derek

NOTICE: This email is intended only for the individual(s) to whom it is addressed and may contain confidential information. If you have received this email by mistake, please notify the sender immediately, delete this email from your system and do not copy or disclose it to anyone else. Although we take precautions to protect against viruses, we advise you to take your own precautions to protect against viruses as we accept no liability for any which remain.

From: Dilport, Nate
To: Prestwood, Jack C.

Cc: Torbert, Justin D.; Hall, Brian L.; Carman, Derek I.; Peterson, Robert R.; Stock, Derek R.

Subject: RE: CT1 RCA Daily Update

Date: Saturday, December 4, 2021 5:23:19 PM

Attachments: CT1 Water Source Sketch.png

Jack,

JT, Brian and I made good progress on proving our theory for the water source for CT1 today. We have the Steam out of Power Block tagout hung and were able to begin breaking the NBS system into smaller pieces to test individual components, which has proven that the water that we found is in fact condensate from the steam circuit and likely from the HP drum.

We started by separating the NBS system from the flare header east of the syngas skid (titled NBS to flare spool in the attached sketch, there was some water in the spool when we removed it), closing the flare header isolation valve above the nitrogen skid and were able to build pressure in that segment of the system. We initially charged the segment to 30 psi and saw flow downstream of VS4-2 (P2 to P3 to the syngas header to the nozzles). We also did not have any flow back through the check valves just downstream of the NBS to flare coupling which eliminates the possibility of water being pushed into the NBS header from the flare header/turbine. We increased the pressure in this section to 80 psi and still did not see any flow back across the check valves, further validating that those check valves are holding, we also saw increased flow in the syngas header to the nozzles at this higher pressure.

With the path from NBS to flare header proven, we began working on the source of the water in the NBS header. I was able to check a NBS low point drain in the pipe rack last night and it was dry, so dry that the packed rust in the line that had packed into the valve was fine dust as it came out. The fact that water was in the NBS to flare coupling upstream of the double check valves and not in this low point drain proves that the water has to have been introduced between those two point due to the routing of the NBS supply to the power block. We then cracked one of the swing elbow flanges up at the HP drum and drained 1-2 gallons of water. We closed the upstream block at the drum, tightened the flange that we drained and pressurized the HP drum connection to the NBS header with service air through the vent connection. With service air flowing into the line we confirmed flow on the NBS header side of the NBS to flare coupling at the syngas skid. We performed this test initially without manipulating any valves at the HP drum other than the upstream block to the HP drum. We then seated both the downstream HP Drum block and the NBS block at the HP drum, each began to leak by with less than an eighth of a turn open. After our conversations with Todd and Mac we believe that the downstream HP block was at least ½ to ½ turn open and the NBS valve was at least ½ turn open while the unit was in service.

Based on the above, we feel that we have sufficient evidence to confirm that we were leaking steam/condensate into the NBS header from the steam drum(s) when the unit was in service. This condensate was not able to enter the P3 cavity and therefore the syngas header to the nozzles due to compressor discharge pressure (CPD) while the CT was in operation, however the condensate was able to back up into the flare header. Once the unit shut down and the CPD pressure went away this condensate stored in the flare header was then able to flow from the P2 cavity into the P3 cavity

and ultimately into the syngas header to the fuel nozzles.

We still have a few things to document on Monday including the pressure at which VGC1 (valve separating P2 and P3) begins to leak by and the height of all of the flare header steps before it ties into the top of the main flare header. We would also like to remove all of the NBS and drum isolation valves for each drum to have them tested by a third party to independently confirm what we have found so far. We have photos and videos to document everything I talked about above.

Please let us know if you have any additional questions or concerns.

Regards,

Nate Dilport Project Engineer Polk Power Station Office: (863) 428-5982 Cell: (813) 310-0256

ndilport@tecoenergy.com

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----Original Appointment-----

From: Peterson, Robert R. <RRPeterson@tecoenergy.com>

Sent: Thursday, December 2, 2021 10:01 AM

To: Peterson, Robert R.; Stock, Derek R.; Prestwood, Jack C.; Dilport, Nate; Torbert, Justin D.; Hall, Brian L.; Carman, Derek I.

Subject: CT1 RCA Daily Update

When: Occurs every weekday effective 12/2/2021 until 2/24/2022 from 10:00 AM to 10:30 AM

(UTC-05:00) Eastern Time (US & Canada).

Where: Polk Conf 1A; Webex

This meeting is being set up to provide leadership daily updates of the RCA of the CT1 event until further notice

- -Root Cause update
- -Work outside CT taking place
- CT update.
 - -- Do not delete or change any of the following text. --

When it's time, join your Webex meeting here.

Join meeting

More ways to join:

Join from the meeting link

https://tecoenergy.webex.com/tecoenergy/j.php? MTID=mb64861b6e997b4b55b33b3ac2cd47325

Join by meeting number

Meeting number (access code): 2633 673 8398

Meeting password: y62SM7SfsYW

Tap to join from a mobile device (attendees only)

+1-855-699-3239,,26336738398## CANADA/US TOLL FREE

Join by phone

+1-855-699-3239 CANADA/US TOLL FREE

<u>Global call-in numbers</u> | <u>Toll-free calling restrictions</u>

Join from a video system or application

Dial <u>26336738398@tecoenergy.webex.com</u>

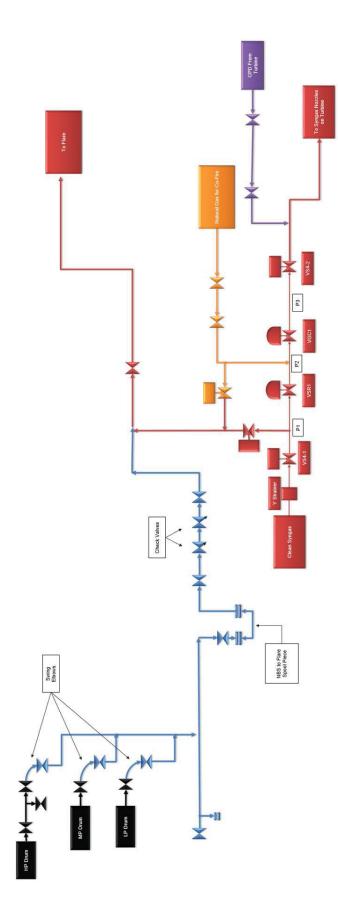
You can also dial 173.243.2.68 and enter your meeting number.

Join using Microsoft Lync or Microsoft Skype for Business

Dial <u>26336738398.tecoenergy@lync.webex.com</u>

If you are a host, <u>click here</u> to view host information.

Need help? Go to https://help.webex.com



From: <u>Carlson, Edsel L.</u>

To: Peterson, Robert R.; Sawdon, Eric J.

Cc: Stock, Derek R.; Prestwood, Jack C.; Shelley, Todd J.; Richardson, Eric B.; Currie, Enille; Nunez, Diana L.; Smith,

Robert A

Subject: RE: Polk Unit 1 Combustion Turbine - Claim Event Date: Tuesday, November 30, 2021 10:17:14 AM

Attachments: image001.jpg image002.png

Rob,

Please take a lot of pictures to document and do not throw anything away and preserve the evidence. Is there any chance this loss even could have been caused by a 3rd party? Any work a contractor was doing on the unit? We will want to make sure we are able to document that to make sure we can prove any third party negligence. The adjuster would like to see things in a fond conditions but I would not recommend we delay anything that will hold up the repair of the unit. We will do the best we can to accommodate the insurers but they will understand that we need to repair the unit as soon as possible. If you can get me the loss notification form today I will send to Marsh and get the claim ball rolling.

Thanks,

Edsel L. Carlson, MBA, FRM, ARM, CRM Risk Manager TECO Energy O: 813-228-4885 C: 813-505-2255 elcarlson@tecoenergy.com



From: Peterson, Robert R. <RRPeterson@tecoenergy.com>

Sent: Tuesday, November 30, 2021 9:20 AM **To:** Sawdon, Eric J. <EJSawdon@tecoenergy.com>

Cc: Stock, Derek R. <drstock@tecoenergy.com>; Prestwood, Jack C.

<jcprestwood@tecoenergy.com>; Shelley, Todd J. <tjshelley@tecoenergy.com>; Richardson, Eric B. <ebrichardson@tecoenergy.com>; Currie, Enille <Enille.Currie@emera.com>; Carlson, Edsel L.

<ELCarlson@tecoenergy.com>; Nunez, Diana L. <dlnunez@tecoenergy.com>

Subject: RE: Polk Unit 1 Combustion Turbine - Claim Event

Hi Eric,

We will be sure to get the Property Loss Form completed prior to Friday. Before any clean up activity begins, would you anticipate an adjuster wanting to view as found conditions in terms of the

damage? We do have some pictures and the OEM will be conducting an internal borescope inspection to investigate further.

Thanks, Rob

From: Sawdon, Eric J. < EJSawdon@tecoenergy.com>

Sent: 30 November, 2021 08:48

To: Peterson, Robert R. < RRPeterson@tecoenergy.com>

Cc: Stock, Derek R. < drstock@tecoenergy.com >; Prestwood, Jack C.

 $\label{lem:cond} $$ \le \underline{\operatorname{conergy.com}}$; Shelley, Todd J. $$ \le \underline{\operatorname{conergy.com}}$; Richardson, Eric B. $$ \le \underline{\operatorname{conergy.com}}$; Sawdon, Eric J. $$ \le \underline{\operatorname{LSawdon@tecoenergy.com}}$; Currie, Enille $$ \le \underline{\operatorname{Conergy.com}}$; $$$

 $<\!\!\underline{\sf Enille.Currie@emera.com}\!\!>; Carlson, Edsel L. <\!\!\underline{\sf ELCarlson@tecoenergy.com}\!\!>; Nunez, Diana L.$

<<u>dlnunez@tecoenergy.com</u>>

Subject: Polk Unit 1 Combustion Turbine - Claim Event

Importance: High

Rob,

Please make sure to complete the attached Property Loss Form and return to Edsel and I no later than Friday morning so we can put the insurance carriers on notice as soon as possible.

Best,

Eric J. Sawdon, CLCS

Risk Management - Risk Analyst

Mobile: (813) 599-7645



From: Peterson, Robert R. < <u>RRPeterson@tecoenergv.com</u>>

Sent: Tuesday, November 30, 2021 7:45 AM

To: Carlson, Edsel L. < ELCarlson@tecoenergy.com>

Cc: Stock, Derek R. < <u>drstock@tecoenergy.com</u>>; Prestwood, Jack C.

<icorestwood@tecoenergy.com>; Shelley, Todd J. <<ishelley@tecoenergy.com>; Richardson, Eric B.

<ebrichardson@tecoenergy.com>

Subject: Polk Unit 1 Combustion Turbine Event

Hi Edsel,

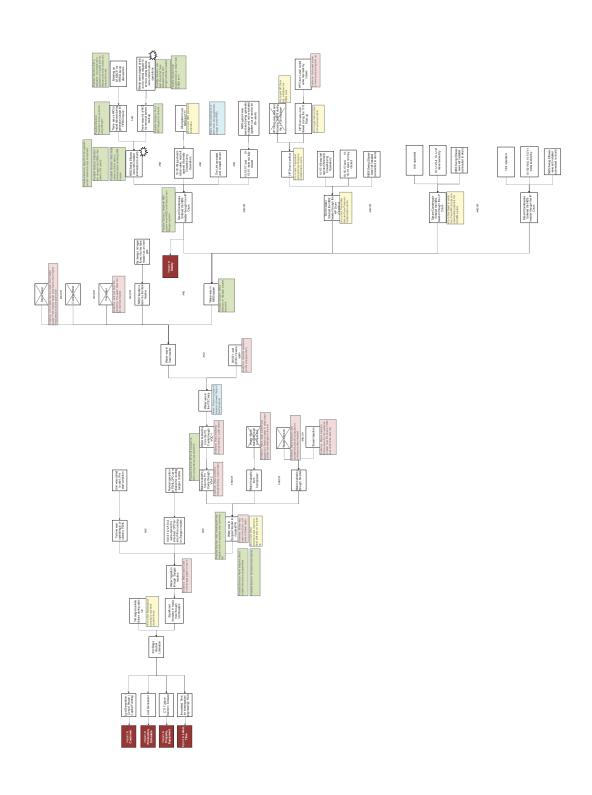
20220001-EI Staff Hearing Exhibits 00486

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

Polk Unit 1 experienced a significant failure yesterday. The team is actively investigating but we will certainly be down for an extended period and incur substantial cost. With the CTG1 work earlier this year, we will very likely exceed the self-insured deductible. There was a question yesterday as to whether repairs associated with a claim would have to occur in the same covered year (this repair will likely go into 2022). Please advise on next steps.

Thanks, Rob

ossib	Possible Solutions for Consideration	eration		Select		Implementation - Action Plan	n Plan			
Poss	Possible Solution	Cause Controlled	Work Process (process to be improved)	Implement? (yes or no)	Š.	Specific Actions (specific actions to be taken)	Owners (names)	Due Date	Measurable (how will we verity completion and effectiveness)	
Abandon the nitrogused in 20+ years)	nitrogen into HRSG (Not ears)	Abandon the nitrogen into HRSG (Not NBS Swing Elbows were left installed used in 20+ years)								
Procedure to I	Procedure to lay-up drums using nitrogen	NBS Swing Elbows were left installed (connected to drum								
dd check va revent stean	Add check valves on Drum side to prevent steam entering NBS Header	NBS Swing Elbows were left installed (connected to drum								
dd a walkdo perators to v nd verify valv	Add a walkdown or procedure for operators to visually look for elbows and verify valves are closed off drums	NBS Swing Elbows were left installed (connected to drum								
ut a WO req	Put a WO request for all work	NBS Swing Elbows were left installed (connected to drum								
ob lead shou ocks with nitr		Blinds were staged at job and a verbal request to remove swing elbows were made to plant operations								
Add double b NBS tie-in	Add double blocks on steam side of NBS tie-in	Blinds were staged at job and a verbal request to remove swing elbows were made to plant operations								
seperate NB3 nd have its o		Steam/Condensate Entered the NBS header through the HP Drum								
Water detection low point	c c	Water was in NBS header								
Blind off syngas line v natural gas operation		Water leaked by from the P3 Cavity through VS4-2								
dd checking operator st	Add checking tell tale lowpoint drain to operator start-up check list	Water was in Syngas Header to nozzles(P4 cavity)								
Move lowpoint drains turbine compartment	outside the	Water was in Syngas Header to nozzles(P4 cavity)								
Automate drain valves		Water was in Syngas Header to nozzles(P4 cavity)								
signoff on all lectronic log	Signoff on all operator rounds / electronic logs of operator rounds	Water was in Syngas Header to nozzles(P4 cavity)								
					1					



From: <u>Torbert, Justin D.</u>

To: Prestwood, Jack C.; Stock, Derek R.; Hall, Brian L.; Carman, Derek I.; Dilport, Nate; Peterson, Robert R.

Subject: Summary of CT1 event to date

Date: Tuesday, November 30, 2021 8:44:11 AM

Here is our summary to date:

Unit 1 CC Turbine Event initial findings

At approx. 0800 on 11/29/21 CT1 was called to start.

During start up the unit fired on natural gas with no load and at 0923 tripped on high vibrations at 3588 RPM (operating .3 ips, 5 ips was seen)

High vibrations coincided with the time the syngas cooling valves were opened. During the investigation water was found in the turbine side syngas header and also found in the compressor discharge header.

It is suspected that water filled the syngas header and was not blown out on initial start up because the nozzle cooling air(compressor discharge) is not admitted until later in the sequence, while the other systems are purging at the beginning of start up.

Investigation continues as to how water was entrained in the syngas nozzle cooling air system. Water samples were taken out of the syngas drain line, as well as water wash system. Water out of the syngas drain line is showing indications it is demineralized water based on sampling. Additional sampling is currently taking place.

The following sources of water are being evaluated:

Water Wash System

Instrument air (failed cooler? Very difficult to entrain in syngas line)

Steam Injection system

Water Injection Skid (Retired in place during start up fuel conversion project, appears to be fully blanked off)

Atomizing Air system (Retired in place during start up fuel conversion project, appears to be fully blanked off)

Condenser hot well (drain line back feed)

The unit was shut down on the 18th of November for the common gas yard outage, for approximately 11 days offline, the only additional work performed on the unit was a thermocouple change out, no water wash was performed. Normal shut down occurred.

Again, we have not definitively found the source of water, investigation continues.

CONFIDENTIAL MATERIAL REDACTED BATES STAMPED PAGES 278 - 286

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

April 14, 2022

VIA: ELECTRONIC TRANSMISSION

Ms. Mary Wessling Office of Public Counsel 111 West Madison Street, Room 812 Tallahassee, FL 32399-1400 wessling.mary@leg.state.fl.us

Re: Fuel and Purchased Power Cost Recovery Clause with Generating

Performance Incentive Factor; FPSC Docket No. 20220001-EI

Dear Ms. Wessling:

Tampa Electric Company served its responses to Citizens' First Request for Production of Documents (Nos. 1-8) on April 8, 2022. Since that time, Tampa Electric has identified additional documents responsive to Citizens' request. As a result, attached is Tampa Electric's supplemental production of documents.

If you have any questions, please feel free to contact us.

Sincerely,

Malcolm N. Means

Molylon N. Means

MNM/bmp Attachment

cc: Ryan Sandy, General Counsel, FPSC TECO Regulatory Department

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Monday, July 12, 2021 6:35 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE

Gas Power); Torbert, Justin D.

Cc: Denisov, Yuriy (FieldCore); Shanahan, Michael (FieldCore)

Subject: Daily Update During Outages - 07/12

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Ron / Lee / Brian,

Current Status Update as of 07/12 @ 1800

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Mechanical Items Generator

Ongoing Generator

Mobilizing and prepping site for generator repair work

<u>Issues</u>

Parts / Tools / Consumables

Received machine van, short shelf life van, and crate for connection rings Dumpsters for scrap metal and copper arrived onsite

Open items

Additional / General Notes

Jon Meacham

Generator Specialist TFA

20220001-EI Staff Hearing Exhibits 00493

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022 SUPPLEMENTAL: APRIL 14, 2022

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>

Sent: Tuesday, July 13, 2021 5:11 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power)

Subject:NS Daily Update During Outages - 07/12Attachments:07-12-2021 TECO-Polk_Unit1_Turnover NS.doc

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All,

Cc:

Please see the attached turnover for work completed a

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment

SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Work scope: CCSR

Date: 07/12/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Commence Inventory Tools (need to order two more two-speed torches handles and 6 more single shot double head for CCSR)
- Commence setting up lights on CE and TE
- > Commence setting up working area CE and TE
- Commence Trailer(s) setup (tooling and brake trailers), installed tarps between tools trailers
- Organizing OSR Field Procedures
- > EHS setup

Completed:

- Completed LOTO walk down
- Site safety orientation for NS
- > Placed ground on SSL trailer

3) <u>Deviations from Program and Variances to the Scope</u>:

-)

4) Problems / Technical Issues:

5) Items for Coordination with Others:

•

6) Parts / Spares / Tooling Issues:

 need to order two more two-speed torches handles and 6 more single shot double head for CCSR

7) Actions in order of priority for Next Shift:

- Continue setting up working area on CE and TE
- Continue receiving, placing and inventory of equipment/tooling
- AC unit is arriving around 9 am
- Commence "As Found" stator visual inspection by OSR 7503 and record dimensions (the record data sheets are in the folder)

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

GE PROPRIETARY
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Page 1 OF 2

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022 SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

- Cut center wedges
- Remove body and end wedges

- Remove top and bottom bars
- Remove and strip connection rings

10) Comments:

- GE Notes:

Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Tuesday, July 13, 2021 5:33 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE

Gas Power); Torbert, Justin D.

Cc: Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore)

Subject: Daily Update During Outages - 7/13

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Ron / Lee / Brian,

Current Status Update as of 07/13 @ 1800

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Mechanical Items Generator

Cleaned and boxed coupler bolts ready for shipment
Removed channel iron from generator cooler scaffolding to prep for A/C

Completed Generator Rewind Task

"As Found Measurements" for connection rings and phase connections "As Found Measurements" for end winding support Tested gas RTD's Removed stator wedges

Ongoing Generator Work Next Shift

Continue stripping phase connection straps Continue cutting series connections on TE

Weather Delays

Lightening delay ~ 2:43pm to 4:05pm

Issues

Parts / Tools / Consumables

20220001-EI Staff Hearing Exhibits 00498

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022 SUPPLEMENTAL: APRIL 14, 2022

A/C unit was delayed until 7/14 4160 transformer and cables will arrive 7/14

Open items

Additional / General Notes

Jon Meacham Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com



Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>

Sent: Wednesday, July 14, 2021 4:16 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power)

Subject: NS Daily Update During Outages - 07/13 **Attachments:** 07-13-2021 TECO-Polk_Unit1_Turnover NS.doc

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All,

Cc:

Please see the attached turnover for work completed ..

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Work scope: CCSR

Date: 07/13/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Commence cutting series connections on CE
- Commence unbrazing phase connections (9 done, 3 left)
- Organizing OSR Field Procedures
- > Commence cutting bar to bar ties on TE

Completed:

- > Completed cutting series connections on TE
- > Completed stripping phase connections
- Set up oxy/propane torches
- >

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

•

6) Parts / Spares / Tooling Issues:

.

7) Actions in order of priority for Next Shift:

- Complete unbrazing phase connections
- Complete cutting series connections on CE
- Continue receiving, placing and inventory of equipment/tooling
- Commence removing top bars
- Remove bars from the dance floor by the end of the shift to make room for NS activities

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- ★ Remove top and bottom bars
- Remove and strip connection rings
- Remove end winding support system TE and CE
- ₱ Perform post stripping Elcid

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¥

10) Comments:

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GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

П		GE Notes			
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h		==00 DOLK DL		and the second second	
1	Water.	TECO-POLK Pla	nt Notes'		

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Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Wednesday, July 14, 2021 6:05 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE

Gas Power); Torbert, Justin D.

Cc: Hege, Nathan (GE Gas Power); Denisov, Yuriy (FieldCore); Shanahan, Michael (FieldCore);

Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Freeman, Samuel (APM)

Subject:DS Daily Update During Outages - 07/14Attachments:07-14-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR

337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/14/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Wiring up 4160 transformer at the LCI
- > Removing bottom bars ~ 20 left
- > Organizing OSR Field procedure books

Completed:

- Stripped phase straps
- > Unbrazed phase straps
- > Cut series connections on CE
- > Removed top bars
- > Removed inner binding bands and labeled them

3) Deviations from Program and Variances to the Scope:

- ▶ Lightning delays ~ 12:32 pm to 2:50 pm
- 4) Problems / Technical Issues:

5) Items for Coordination with Others:

•

6) Parts / Spares / Tooling Issues:

•

7) Actions in order of priority for Next Shift:

- Complete removing bottom bars
- > Cut affected stator bars (Core damage) as requested by customer
- Complete removing connection rings
- Setup area for stripping connection rings
- Start stripping connection rings
- > Start stripping and cleaning inner binding bands
- Apply heat source to HVB's in GTE

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- ₱ Provide power to sea vans
- Build procedure book
- Remove and strip connection rings
- Clean core

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GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

#	■ Build containment area for connection ring stripping		
10	Comments:		
4	GE Notes:		
4	ECO-POLK Plant Notes:		

GE PROPRIETARY
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Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) < Yuriy.Denisov1@ge.com>

Sent: Thursday, July 15, 2021 4:32 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power)

Subject:NS Daily Update During Outages - 07/14Attachments:07-14-2021 TECO-Polk_Unit1_Turnover NS.doc

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All,

Cc:

Please see the attached turnover for work completed.

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR

337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/13/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Commence removing connection rings (8 done,4 left)
- \triangleright

Completed:

- Completed removing bottom bars
- Completed removing banding bands TE and CE
- Completed removing axial supports (Gun stocks) on TE
- Completed stripping insulation HVB gas side connections
- > Completed assembling sawhorses
- Completed cutting ~ 1" long sections of the affected top and bottom bars from the slots 19,20,39 and 40

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

 Had to remove wood planks in front of the CE to get enough room to extract long connection rings

5) Items for Coordination with Others:

 May need to buy paint stripper(remover) from Home depot or Lowes to remove paint from key bars nuts and threads

6) Parts / Spares / Tooling Issues:

.

7) Actions in order of priority for Next Shift:

- Complete removing connection rings
- Complete removing axial supports (gun stocks) CE
- Reassembly wood planks in front of the CE
- Commence stripping connection rings
- Remove bars from the dance floor
- > Commence cleaning core
- Commence cleaning banding bands
- Apply heat source to air side of HVB's in GTE

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

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GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

4	Clean core
1	Prep core for partial restack
1	
l	
10	Comments:
4	GE Notes:
	TECO-POLK Plant Notes:

GE PROPRIETARY
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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Thursday, July 15, 2021 5:37 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Cc: Denisov, Yuriy (FieldCore); Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Freeman, Samuel

(APM); Torres, Oscar (FieldCore)

Subject:DS Daily Updates During Outages - 07/15Attachments:07-15-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/15/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- · Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Wiring up 4160 transformer at the LCI
- > Stripping connections rings ~ 2 rings are stripped
- > Organizing OSR Field procedure books

Completed:

- > Removed connection rings
- Powered A/C unit and connected ducting
- > Staged Medium consumable kit and T/I kit for pick up
- Removed bars from the dance floor
- > Staged light plants to be picked up
- > Took "As found" backset dimensions for connection rings ~ all within .5" of drawing

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

•

7) Actions in order of priority for Next Shift:

- Remove axial supports from CE
- Continue stripping connection rings
- > Start stripping and cleaning inner binding bands
- > Apply heat source to HVB's in GTE
- > Apply paint stripper to TE key bar nuts

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Provide power to sea vans
- Build procedure book
- Strip connection rings
- Clean core

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GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

10)	Comments:		
4	GE Notes:		
d ₁ .	TECO-POLK Plant N	lotes:	

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Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>

Sent: Friday, July 16, 2021 4:33 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore)

Subject:NS Daily Update During Outages - 07/15Attachments:07-15-2021 TECO-Polk_Unit1_Turnover NS.doc

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All,

Cc:

Please see the attached turnover for work completed.

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment



Work scope: CCSR

GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 07/15/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

W/L Day: Carlos Mercado /Josh Cabler W/L Night: David Hansen / Frank Barnhart
1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
Commence removing paint from key bars thread
Continue stripping connection rings
Completed:
Completed removing axial support from CE
Received skid pan
Treceived skid part
2) Daviding for December 1V-1
3) Deviations from Program and Variances to the Scope:
4) Problems / Technical Issues:
O O
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
•
7) Actions in order of priority for Next Shift:
 Continue stripping connection rings Commence cleaning core
Commence cleaning core Commence cleaning banding bands
Continue cleaning stator core
Apply heat source to air side of HVB's in GTE
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
₱ Prep core for partial restack
▼ Restack damaged area TE
10) Comments:
<u>▼ TECO-POLK Plant Notes:</u>

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Sizemore, Ashley A.

From:

Meacham, Jonathon (FieldCore) < Jonathon. Meacham@ge.com>

Sent:

Friday, July 16, 2021 5:18 PM

To:

Cc:

Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Thompson, Brian R (GE Gas Power); Denisov, Yuriy (FieldCore); Shanahan, Michael (FieldCore); Freeman, Samuel (APM); Contreras, Ruben (FieldCore); Torres, Oscar

(FieldCore); Lawmaster, Bruce (FieldCore); Hege, Nathan (GE Gas Power)

Subject:

DS - Daily Updates During Outages - 07/16 07-16-2021 TECO-Polk_Unit1_Turnover DS.pdf

Attachments:

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All,

Please see attached turnover for work completed

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/16/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Cleaning Stator Core
- > Organizing OSR Field procedure books

Completed:

- > Stripped connection rings
- > Stripped paint from CE key bar nuts
- > Placed connection rings in crate and braced them for shipping ~ ready for shipment
- > Connected 4160 transformer and main PDU
- > Had Sunbelt pick up light plants
- Shipped medium consumables, saw cabinet, T&I kit

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

Get scaffold built over collector cab to access GTE.

6) Parts / Spares / Tooling Issues:

•

7) Actions in order of priority for Next Shift:

- Get confined space permit for entry into cooler holes to place diapers in belly
- Wash down core
- Continue cleaning stator core
- > Housekeeping on deck and around work areas
- Cover connection ring box with tarp.

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Build procedure book
- Clean core
- Start setting up for core unstacking

10) Comments:

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GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

↓ GE Notes:
 ↓ TECO-POLK Plant Notes:

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Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>

Sent: Saturday, July 17, 2021 4:16 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas

Power); Walton, Gary (FieldCore)

Subject: NS Daily Update During Outages - 07/16 **Attachments:** 07-16-2021 TECO-Polk_Unit1_Turnover NS.doc

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All,

Cc:

Please see the attached turnover for work completed.

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/16/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

Date : 07/16/2020 Shift : Day	Shift: Night	
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov	
Day Shift GS: Jon Meacham		
Day Shift OJT GS:	Night Shift OJT GS:	
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart	
1) Safety Issues/ Concerns:		
COVID procedures		
Housekeeping / Proper lifting techniques / Noise stress / Body positioning		
Weather- Heat / Lightning		
 Insects (Bees/Wasp/Spiders/Mosquitos) - F 	Reptiles	
2) Summary of Progress:		
Initiated:		
Continue cleaning core (7 slots with duct tape are done)		
Continue housekeeping		
Completed:		
Completed compression flange and core measurements As found		
Completed covering connection ring box with tarp		
Completed placing absorbent pads in generator belly		
Completed connecting satellite PDU to main PDU		
Completed removing bottom fillers		
2 Completed formoving bottom miers		
3) Deviations from Program and Variances to the Scope:		

4) Problems / Technical Issues:

- 5) Items for Coordination with Others:
- Get scaffold built over collector cab to access GTE
- 6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Continue cleaning stator core
- Get signed HV Agreement form for stator rewinding
- Apply heat source to air side of HVB's in GTE
- Check core iron for damages
- Double check compression flange and core measurments

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Prep core for partial restack
- Restack damaged area TE

10) Comments:

GE Notes:

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GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

♣ TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Saturday, July 17, 2021 5:21 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Cc: Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar

(FieldCore); Freeman, Samuel (APM)

Subject:DS Daily Update During Outages - 07/17Attachments:07-17-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/17/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Cleaning Stator Core > Stencil TE key bar studs per CE numbering > Organizing OSR Field procedure books Completed: > Built canopy on dance floor and collector cab > Staged connection ring box on north side of unit for shipment Completed second measurements on compression flange > Competed new RTD's as found testing 3) Deviations from Program and Variances to the Scope: Lightning delay ~ 4:39pm 4) Problems / Technical Issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: 7) Actions in order of priority for Next Shift: Get confined space and hot work permits at the beginning of every shift Continue cleaning stator core Repair any core iron damage found Housekeeping on deck and around work areas 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Build procedure book Start setting up for core unstacking 10) Comments: GE Notes. ♣ TECO-POLK Plant Notes:

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

GE PROPRIETARY UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) < Yuriy.Denisov1@ge.com>

Sent: Sunday, July 18, 2021 4:04 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas

Power); Walton, Gary (FieldCore)

Subject:NS Daily Update During Outages - 07/17Attachments:07-17-2021 TECO-Polk_Unit1_Turnover NS.doc

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All,

Cc:

Please see the attached turnover for work completed.

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/17/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

WE Hight. David Hallsell / Hallk Darlinalt
1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
Continue housekeeping
Completed:
Completed cleaning all slots with simple green and denatured alcohol
Completed cleaning HV bushing gas side (copper and porcelain)
gao ada (aappar and parasidin)
3) Deviations from Program and Variances to the Scope:
b beviations from Program and variances to the Scope.
4) Problems / Technical Issues:
O O
5) Items for Coordination with Others:
of the second se
6) Parts / Spares / Tooling Issues:
o) Farts / Spares / Tooling issues:
7) Actions in order of priority for Next Shift:
Check stator core cleaning. Continue cleaning as necessary
Check core iron for damages. Repair damaged areas as necessary
>
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
■ Prep core for partial restack ■ Prep core for partial restack
▼ Restack damaged area TE
10) Comments:
♣ <u>GE Notes</u> :
➡ TECO-POLK Plant Notes:

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Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Sunday, July 18, 2021 5:27 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Cc: Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar

(FieldCore); Freeman, Samuel (APM)

Subject:DS Daily Update During Outages - 07/18Attachments:07-18-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/18/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Loosening belly bands
- > Building scaffolding over collector cab roof
- > Post stripping ELCID
- > Organizing OSR Field procedure books

Completed:

- Verified belly band Hytorc components and core compression nuts socket
- > Took "As Found" measurements for belly bands ~ data sheet is in raw data folder
- > Took "As Found" measurements for packages 1-3 and 67-69
- > Performed borescope on CE and TE compression flange
- > Staged restack tooling on dance floor
- > Cleaned and checked all-thread rods
- > Unbrazed, cleaned, and stenciled phase straps

3) Deviations from Program and Variances to the Scope:

D--

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

Fit up issue was found with all-thread and T-blocks. Contacted Cincinnati Tool Center.

7) Actions in order of priority for Next Shift:

- Continue with ELCID
- > Place heaters in GTE after scaffold is erected
- Cover gas side HVBs with rubber matting
- Stencil TE key bars in reference with CE
- Housekeeping on deck and around work areas

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

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GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

•	Build procedure book
	Clean core
•	Start setting up for core unstacking
10)	Comments:
+	GE Notes:
4	TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>

Sent: Monday, July 19, 2021 4:02 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.

Cc: Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas

Power); Walton, Gary (FieldCore)

Subject: NS Daily Update During Outages - 07/18 **Attachments:** 07-18-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see the attached turnover for work completed . Lightning delay was from 6:30 pm till 10:00 pm

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment

SUPPLEMENTAL: APRIL 14, 2022





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 07/18/2020 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Continue housekeeping

Completed:

- Completed Post Stripping Elcid
- > Completed Post Stripping Elcid report (raw data and report are in the box folder)
- Completed grinding/repairing hot spot in Slot1
- Completed covering HV bushing gas side with rubber mats
- > Completed stencil Key bars on TE
- > Completed placing heater in GTE
- > Completed covering clean room with additional tarp white side up

3) Deviations from Program and Variances to the Scope:

- ▶ Lightning delay from 6:30 pm till 10:00 pm
- 4) Problems / Technical Issues:

. .

5) Items for Coordination with Others:

.

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Cut plugs from duct board and place into air ventilation holes TE and CE
- Continue loosening belly bands

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- ₱ Prep core for partial restack
- Restack damaged area TE

10) Comments:

- ◆ GE Notes:
- * TECO-POLK Plant Notes:

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GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Monday, July 19, 2021 5:24 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Cc: Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar

(FieldCore); Freeman, Samuel (APM)

Subject:DS Daily Update During Outages - 07/19Attachments:07-19-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/18/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

A) Sefety Inguised Company
1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
Loosening belly bands
Completed:
Inventoried, Paired, and placed end winding caps in short self-life
Inventoried chemicals and placed in short shelf-life
Received Hytorc tooling for core compression nuts
Disconnected slot coupler leads
3) Deviations from Program and Variances to the Scope:
→ Lightning stand down ~ 12:05 – 2:19pm, 3:10 – 4:00pm
4) Problems / Technical Issues:
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
7) Actions in order of priority for Next Shift:
Function check Hytorcs
Housekeeping on deck and around work areas
8) QCP signoffs completed? Need to sign-off Quality Check Points:
(A) Outstanding Home (to complete stand an extensity) in order of minit
9) Outstanding items (to complete at next opportunity) in order of priority: ** Start setting up for core unstacking
★ Start setting up for core unstacking
100
10) Comments:
♣ <u>GE Notes</u> :
<u>▼ TECO-POLK Plant Notes:</u>

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) < Yuriy.Denisov1@ge.com>

Sent: Monday, July 19, 2021 9:32 PM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas

Power); Walton, Gary (FieldCore)

Subject: NS Daily Update During Outages - 07/19 **Attachments:** 07-19-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Cc:

Please see the attached turnover for work completed. Lightning delay was from 8:15 pm

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 07/19/2020 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Continue housekeeping Completed: > Completed placed tarp over scaffold on TE to protect tool boxes > Completed Hitorque operating - Good Completed fabricating needles for resiglass tying > Secure low compartment tarp TE 3) Deviations from Program and Variances to the Scope: Lightning start from 8:15 pm 4) Problems / Technical Issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: 7) Actions in order of priority for Next Shift: Continue receiving tools and parts Continue housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding Items (to complete at next opportunity) in order of priority: ♣ Prep core for partial restack ■ Restack damaged area TE 10) Comments: GE Notes: TECO-POLK Plant Notes.

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Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Tuesday, July 20, 2021 5:37 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Cc: Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar

(FieldCore); Freeman, Samuel (APM)

Subject:DS Daily Updates During Outages - 07/20Attachments:07-20-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon. Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR

337X011
Site: TECO-POLK Work scope: CCSR

Date: 07/20/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

THE Day: Cance Melecae (Cool Caple)
1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
Loosening belly bands
> Installing all-thread into core slots
Completed:
To "As Found" knife check measurements on inboard diameter
Performed break away torque on TE key bar nuts 12, 4, 8, 15
Picked up insulation board for OSB shipping
Received new all-thread from tool center
➤ Installed ¾-10 all-thread in to slots with pull plates on TE OSB's.
3) Deviations from Program and Variances to the Scope:
► Lightning stand down ~ 4:00pm to end of day shift
4) Problems / Technical Issues:
,
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
•
7) Actions in order of priority for Next Shift:
Install new all-thread and T-Blocks
Finish setting up for unstacking
Remove compression flange
Housekeeping on deck and around work areas
8) QCP signoffs completed? Need to sign-off Quality Check Points:
of agreeme completed. Recent o sign-off quality officer formes.
9) Outstanding items (to complete at next opportunity) in order of priority:
Finish setting up for core unstacking
, and the second
10) Comments:
♣ GE Notes:
→ TECO-POLK Plant Notes:
TEGOT OLIV TIMIN NOICO.

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

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Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) < Yuriy.Denisov1@ge.com>

Sent: Wednesday, July 21, 2021 4:37 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas

Power); Walton, Gary (FieldCore)

Subject: NS Daily Update During Outages - 07/20 **Attachments:** 07-20-2021 TECO-Polk_Unit1_Turnover NS.pdf

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ΑII,

Cc:

Please see the attached turnover for work completed. Lightning delay 2 hours was from 6:00 pm till 8:00 pm

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 07/20/2020 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping
- Commence installing all-thread with UT-blocks.(15 are installed and 15 are prepped for installation)
- Commence removing compression flange nuts (11 are removed, 4 are in the place holding compression plate)

Completed:

- Completed prepping all-thread rods
- Completed brake away rest of the key nuts.
- > Completed installing compression flange removal Rail.

3) Deviations from Program and Variances to the Scope:

- Lightning delay 2 hours. Started from 6:00 pm till 8:00 pm
- 4) Problems / Technical Issues:
 - Had to use 3,5" socket for key bar nuts # 5 and 6
- 5) Items for Coordination with Others:

•

6) Parts / Spares / Tooling Issues:

•

7) Actions in order of priority for Next Shift:

- Continue receiving tools and parts
- Continue housekeeping
- Continue removing compression flange and key bars
- Remove OSSB TE and prep them for shipping
- Replace all-treads OSSB to OSSB with UT-block style
- Commence unstacking core iron packages 67,68 and 69

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

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GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

*	Unstack damaged area TE Check key bars Place new lamination	
10) Comments:	
-	GE Notes:	
-	TECO-POLK Plant Notes.	

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Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Wednesday, July 21, 2021 5:28 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar

(FieldCore); Freeman, Samuel (APM)

Subject:DS Daily Updates During Outages - 07/21Attachments:07-21-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Cc:

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon. Meacham@ge.com





DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 07/21/2020 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Loosening belly bands > Unstacking core laminations Completed: > Removed last four key bar nuts > Removed compression flange > Removed OSB and boxed them up for shipment > Shipped connection rings 3) Deviations from Program and Variances to the Scope: Lightning stand down ~ 3:40pm to 4:22pm 4) Problems / Technical Issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: 7) Actions in order of priority for Next Shift: Check key bar five and six nuts for dimensions Continue unstacking core iron Continue separating damaged slots core iron from the rest for customer Place tarp over OSB box Housekeeping on deck and around work areas 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Continue unstacking core iron. 10) Comments: GE Notes: TECO-POLK Plant Notes:

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

GE PROPRIETARY
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Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>

Sent: Thursday, July 22, 2021 4:13 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas

Power); Walton, Gary (FieldCore)

Subject:NS Daily Update During Outages - 07/21Attachments:07-21-2021 TECO-Polk_Unit1_Turnover NS.pdf

CAUTION - External Email

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All,

Cc:

Please see the attached turnover for work completed.

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Work scope: CCSR

Date: 07/21/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping
- > Commence cleaning ISSB and laminations

Completed:

- > Completed removing lamination packages 67,68 and 69 TE
- > Completed retorque all-threads at 150 ft/lb
- Completed covering OSSB box with plastic
- > Completed removing, separating and labeling ISSB. Left them on the bench

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

- Had to use 3,5" socket for key bar nuts # 5 and 6
- 5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Continue receiving tools and parts
- Continue housekeeping
- Continue cleaning and inspecting key bars and core lamination
- Commence stacking new core iron lamination
- Check key bar five and six nuts for dimensions
- May need to order more Kevlar arm sleeving from tool center

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- ★ Check key bars
- ₱ Place new lamination

10) Comments:

- GE Notes:
- ◆ TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Thursday, July 22, 2021 5:14 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar

(FieldCore); Freeman, Samuel (APM)

Subject:DS Daily Updates During Outages - 07/22Attachments:07-21-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Cc:

Please see attached turnover for worked completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





Work scope: CCSR

GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 07/21/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

The Hight. Bavia Hansen 7 Hank Barrinare
1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
Loosening belly bands
Unstacking core laminations
Completed:
Removed last four key bar nuts
Removed compression flange
Removed OSB and boxed them up for shipment
➤ Shipped connection rings
3) Deviations from Program and Variances to the Scope:
▶ Lightning stand down ~ 3:40pm to 4:22pm
4) Problems / Technical Issues:
5) Items for Coordination with Others:
C) Desta (Consect Tradition In
6) Parts / Spares / Tooling Issues:
7) Actions in order of priority for Next Shift:
Check key bar five and six nuts for dimensions
Continue unstacking core iron
 Continue separating damaged slots core iron from the rest for customer Place tarp over OSB box
Housekeeping on deck and around work areas
8) QCP signoffs completed? Need to sign-off Quality Check Points:
7 22 23 STATE TO STATE OF THE S
9) Outstanding items (to complete at next opportunity) in order of priority:
★ Continue unstacking core iron.
10) Comments:
♣ <u>GE Notes</u> :
★ TECO-POLK Plant Notes: ★ TECO-POLK Plant Notes:
+ ILCO-I CER I lant Notes.

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

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Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon. Meacham@ge.com>

Sent: Friday, July 23, 2021 10:20 AM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D. Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar

(FieldCore); Freeman, Samuel (APM)

Subject: RE: DS Daily Updates During Outages - 07/22 **Attachments:** 07-22-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Cc:

I have attached the correct day shift turnover for 7/22.

Respectfully,

Jon Meacham

Generator Specialist TFA

Mobile. 813-415-4379

Email: Jonathon.Meacham@ge.com



From: Meacham, Jonathon (FieldCore) Sent: Thursday, July 22, 2021 5:14 PM

To: 'Crotts, Mary' < MECrotts@tecoenergy.com>; 'Dilport, Nate' < NDilport@tecoenergy.com>; 'Hall, Brian L.' <blhall@tecoenergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM': 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; 'Peterson, Robert R.' <RRPeterson@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>; 'tamills@tecoenergy.com'; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com> Cc: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>; Denisov, Yuriy (FieldCore) Power) < Nathan. Hege@ge.com >; Lawmaster, Bruce (FieldCore) < Bruce. Lawmaster@ge.com >; Torres, Oscar (FieldCore)

<Oscar.Torres@ge.com>; Freeman, Samuel (APM) <samuel.freeman@apmdelivers.com>

Subject: DS Daily Updates During Outages - 07/22

All,

20220001-EI Staff Hearing Exhibits 00549

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022 SUPPLEMENTAL: APRIL 14, 2022

Please see attached turnover for worked completed.

Best Regards,

Jon Meacham Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Work scope: CCSR

Date: 07/22/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Inside space block cleaning
- > Generator core slot cleaning / blow down

Completed:

- > Removed shim packs from belly bands
- > Shipped Outside Space Blocks
- > Cleaned compression flange mating surface, inspected, and applied Teflon
- > Cleaned and chased all key bar threads
- Ordered 3/8" stock for vent slot shims
- > Further inspected iron for more damage
- > Removed laminations from dance floor
- Modified wedges for back of core wedges
- Received new core irons ~ located in maintenance shop
- Received new Flux Probe ~ located on bottom self in engineering trailer

3) Deviations from Program and Variances to the Scope:

- Lightning stand down ~ 2:54 to Shift end
- 4) Problems / Technical Issues:
- 5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Clean inside space blocks that are held with the T-blocks and apply A50A299
- Clean generator core / blow down
- Housekeeping on deck and around work areas

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

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GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

₩.	Continue unstacking core iron.	
L		
10) Comments:	
-	GE Notes:	
-	TECO-POLK Plant Notes:	

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Page 2 OF 2

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Friday, July 23, 2021 2:33 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Cc: Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar

(FieldCore); Freeman, Samuel (APM)

Subject:DS Daily Updates During Outages - 07/23Attachments:07-23-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon. Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/23/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
 Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
>
Completed:
Parts inventory of core laminations
Secured unit and site area for weather over the weekend
3) Deviations from Program and Variances to the Scope:
▶ Lightning stand down ~ 11:10am – 12:15pm, 1:30pm – 2:00pm
Due to parts delay we will not be working the weekend and will resume work
Monday 07-26-2021 @ 7:00am
4) Problems / Technical Issues:
E) 16 6 0 18 18 0 18 -
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
Waiting for core iron parts to continue with stacking
7) Actions in order of priority for Next Shift:
>
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
4
10) Comments:
♣ <u>GE Notes</u> :
♣ <u>TECO-POLK Plant Notes</u> :

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Monday, July 26, 2021 4:54 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Illgen, Scott (APM)

Subject: DS Daily Updates During Outages - 07/24

Attachments: 07-24-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Cc:

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/24/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Cleaning of core iron vent ducts Completed: Moved box of core laminations to deck inside tent with part 2's and group 2's > Removed excess material from inside space blocks and painted them > Installed core compression clamps on key bars Received bottle brushes for core vent duct cleaning Removed RTV from TE RTD tube > Loto PPS-60 was released on our end > Spoke with engineering over parts for remainder of work scope 3) Deviations from Program and Variances to the Scope: ▶ Lightning stand-down ~ 13:45 - 15:45 4) Problems / Technical Issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Waiting for core iron parts to continue with stacking ~ Spoke with engineering regarding parts. 7) Actions in order of priority for Next Shift: Continue cleaning of core vent slots with bottle brushes 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: 10) Comments: GE Notes: TECO-POLK Plant Notes:

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

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Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

Cc:

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Tuesday, July 27, 2021 2:44 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Illgen, Scott (APM)

Subject: RE: DS Daily Update During Outages - 07/27 **Attachments:** 07-27-2021 TECO-Polk Unit1 Turnover DS.pdf

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Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com



From: Meacham, Jonathon (FieldCore) Sent: Tuesday, July 27, 2021 2:26 PM

To: 'Crotts, Mary' <MECrotts@tecoenergy.com>; 'Dilport, Nate' <NDilport@tecoenergy.com>; 'Hall, Brian L.' <bli>blhall@tecoenergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM'; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; 'Peterson, Robert R.'

<RRPeterson@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Rivera, Raul'
<RRivera@tecoenergy.com>; 'tamills@tecoenergy.com'; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>

Cc: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>; Denisov, Yuriy (FieldCore)

Subject: DS Daily Update During Outages - 07/25

All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

20220001-EI Staff Hearing Exhibits 00558

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022 SUPPLEMENTAL: APRIL 14, 2022

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





Work scope: CCSR

GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 07/27/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Cleaning of core

Completed:

- > Core vent slot cleaning
- > Wiped down core with alcohol then blew down with air
- > Cover main PDU with plywood to prevent rainwater build up
- > Removed damaged laminations from deck and placed in maintenance shop for customer
- > Received the remainder of the core shims
- ➤ Worked 8-hour shift

3) Deviations from Program and Variances to the Scope:

▶ Lightning stand-down

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- · Waiting for core iron parts to continue with stacking
- Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and OSSB will be shipped end of day 07/30/2021.

7) Actions in order of priority for Next Shift:

- Wipe belly of generator through cooler door access.
- 8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Start stacking package 67 on 7/31/2021 in preparation of remainder of the parts arrival.
- Day shift will install fiber board on clean room tent
- Build tie cart

10) Comments:

- GE Notes:
- TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>

Sent: Tuesday, July 27, 2021 1:38 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas

Power); Walton, Gary (FieldCore)

Subject:NS Daily Update During Outages - 07/26Attachments:07-26-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Cc:

Please see the attached turnover for work completed . Worked 8 hours shift

Thank you,

Yuriv Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 07/26/2020 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Continue housekeeping > Continue cleaning of core vent slots with bottle brush and positron (~ 70% done) Completed: > Worked 8 hours shift 3) Deviations from Program and Variances to the Scope: 4) Problems / Technical Issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: 7) Actions in order of priority for Next Shift: Continue receiving tools and parts Continue housekeeping > Continue cleaning of the core vent slots with positron Clean core with DA and/or Acetone 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: ₱ Place new lamination 10) Comments: GE Notes: TECO-POLK Plant Notes.

GE PROPRIETARY
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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Tuesday, July 27, 2021 2:26 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Illgen, Scott (APM)

Subject: DS Daily Update During Outages - 07/25

Attachments: 07-25-2021 TECO-Polk_Unit1 Turnover DS.pdf

CAUTION - External Email

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ΑII,

Cc:

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/25/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- · Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Cleaning of core

Completed:

- > Core vent slot cleaning
- > Wiped down core with alcohol then blew down with air
- > Cover main PDU with plywood to prevent rainwater build up
- > Removed damaged laminations from deck and placed in maintenance shop for customer
- > Received the remainder of the core shims
- > Worked 8-hour shift

3) Deviations from Program and Variances to the Scope:

- ▶ Lightning stand-down
- 4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- · Waiting for core iron parts to continue with stacking
- · Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and OSSB will be shipped end of day 07/30/2021.

7) Actions in order of priority for Next Shift:

- Wipe belly of generator through cooler door access.
- 8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Start stacking package 67 on 7/31/2021 in preparation of remainder of the parts arrival.
- Day shift will install fiber board on clean room tent
- Build tie cart

10) Comments:

- GE Notes:
- <u>▼ TECO-POLK Plant Notes:</u>

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) < Yuriy.Denisov1@ge.com>

Sent: Tuesday, July 27, 2021 10:58 PM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan;

Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul;

'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas

Power); Walton, Gary (FieldCore)

Subject:NS Daily Update During Outages - 07/27Attachments:07-27-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Cc:

Please see the attached turnover for work completed . Worked 8 hours shift

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR

337X011

Site: TECO-POLK Work scope: CCSR

Date : 07/27/2020 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Continue housekeeping Completed: > Worked 8 hours shift > Completed cleaning of core vent slots with positron and Denatured Alcohol > Completed wiping belly of generator through cooler door access. Completed testing two speed torch boxes. All are good. 3) Deviations from Program and Variances to the Scope: 4) Problems / Technical Issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: 7) Actions in order of priority for Next Shift: Continue receiving tools and parts Continue housekeeping Install fiber board on clean room tent Build tie cart 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding Items (to complete at next opportunity) in order of priority: ₱ Place new lamination 10) Comments:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

TECO-POLK Plant Notes.

GE Notes:

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Wednesday, July 28, 2021 2:36 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Cc: Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Shanahan, Michael

(FieldCore); Lawmaster, Bruce (FieldCore); Denisov, Yuriy (FieldCore); Illgen, Scott (APM)

Subject:DS Daily Update During Outages - 07/28Attachments:07-28-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon. Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/28/2020 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Housekeeping

Completed:

- > Received materials from Gerome, Rocky, and GE parts
- > Installed insulation boards on clean room
- > Inventoried lamination part #2, #8, and #5
- Worked 8-hour shift

3) Deviations from Program and Variances to the Scope:

Lightning stand-down 11:10 – 1:00pm

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- · Waiting for core iron parts to continue with stacking
- · Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and OSSB will be shipped end of day 07/30/2021.

7) Actions in order of priority for Next Shift:

- Inventory parts received today ~ located in Mike's van and move to SSL.
- Check clearance between CE OSSB and compression flange at six o'clock inside cooler access hole with feeler gauge.
- 8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- ★ Start stacking package 67 on 7/31/2021 in preparation of remainder of the parts arrival.
- Build tie cart

10) Comments:

- ♣ GE Notes.

GE PROPRIETARY
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20220001-EI Staff Hearing Exhibits 00568

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Thursday, July 29, 2021 1:37 PM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert,

Justin D.

Cc: Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce

(FieldCore); Denisov, Yuriy (FieldCore); Illgen, Scott (APM)

Subject:DS Daily Update During Outages - 07/29Attachments:07-29-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Michael Shanahan

PM – Regional Generator Specialist FieldCore

M +1 813 928 3581 Michael.Shanahan1@ge.com



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/29/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Housekeeping

Completed:

- Performed electrical testing on HVB's Satisfactory
- Modified Temp wood
- 3) Deviations from Program and Variances to the Scope:
 - Lightning stand-down
- 4) Problems / Technical Issues:
- 5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking
- · Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and All OSSB will be shipped end of day 07/30/2021.
- Connection rings to be shipped 8/6/2021

7) Actions in order of priority for Next Shift:

- Night clean & cut old 90 mil filler for rewind
- 8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Start stacking package 67 on 7/31/2021 in preparation of remainder of the parts arrival.
- Build tie cart

10) Comments:

- GE Notes:
- TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>

Sent: Thursday, July 29, 2021 11:11 PM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@tecoenergy.com'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com';

Thompson, Brian R (GE Gas Power); Torbert, Justin D.

Cc: Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas

Power); Walton, Gary (FieldCore)

Subject:NS Daily Update During Outages - 07/29Attachments:07-29-2021 TECO-Polk_Unit1_Turnover NS.pdf

CAUTION - External Email

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All,

Please see the attached turnover for work completed . Worked 8 hours shift

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Work scope: CCSR

Date: 07/29/2020 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
> Continue housekeeping
Completed:
➤ Worked 8 hours shift
Completed cutting and cleaning .090" fillers
> completed dataling and dischining 1900 miles
3) Deviations from Program and Variances to the Scope:
4) Problems / Technical Issues:
0
5) Items for Coordination with Others:
•
6) Parts / Spares / Tooling Issues:
7) Actions in order of priority for Next Shift:
Continue receiving and inventorying incoming tools and parts
Continue housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Place new lamination
10) Comments:
<u>♣ GE Notes</u> :
4
◆ TECO-POLK Plant Notes.

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Friday, July 30, 2021 4:02 PM

Denisov, Yuriy (FieldCore); Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick To:

A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@tecoenergy.com'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D. Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce

(FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary

(FieldCore)

Subject: DS Daily Update During Outages - 07/30 **Attachments:** 07-30-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Cc:

Please see the attached turnover for work completed .

Michael Shanahan

PM - Regional Generator Specialist FieldCore

SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 07/30/2021 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Housekeeping Completed: > Post Megger completed, Placed 220 vac heater in GTE reading 29.6G > Fabricated pressing boards for TE Posted new core drawing on TE > Completed restack sign off sheets 3) Deviations from Program and Variances to the Scope: Lightning stand-down 4) Problems / Technical Issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Waiting for core iron parts to continue with stacking Spoke with engineering regarding outstanding parts. Factory said the ISSB and All OSSB shipped @ 1415 today. Connection rings to be shipped 8/6/2021 Requesting Stator Bars on-site 8/6/2021 7) Actions in order of priority for Next Shift: Continue setup for restacking 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Start stacking package 67 on 7/31/2021 in preparation of remainder of the parts arrival. ■ Build tie cart

10) Comments:

GE Notes:

♣ TECO-POLK Plant Notes:

GE PROPRIETARY
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Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>

Sent: Friday, July 30, 2021 11:16 PM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall,

Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@tecoenergy.com'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com';

Thompson, Brian R (GE Gas Power); Torbert, Justin D.

Cc: Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas

Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas

Power); Walton, Gary (FieldCore)

Subject:RE: NS Daily Update During Outages - 07/30Attachments:07-30-2021 TECO-Polk_Unit1_Turnover NS.pdf

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ΑII,

Please see the attached turnover for work completed . Worked 8 hours shift

Thank you,

Yuriy Denisov

TFA- Generator Specialist FieldCore

M +1 469 925 8815 Yuriy.Denisov1@ge.com

Current Assignment





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 07/30/2020 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Continue housekeeping > Continue setup for restacking Completed: > Worked 8 hours shift 3) Deviations from Program and Variances to the Scope: 4) Problems / Technical issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: 7) Actions in order of priority for Next Shift: Continue receiving and inventorying incoming tools and parts Continue housekeeping Commence restacking package 67 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: ₱ Place new lamination 10) Comments: GE Notes: TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Saturday, July 31, 2021 11:38 AM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE

Gas Power); Torbert, Justin D.

Cc: Baldassarre, Erich L (GE Gas Power); Smith, Amy(GE Gas Power); Lawmaster, Bruce

(FieldCore); Meacham, Jonathon (FieldCore); Denisov, Yuriy (FieldCore); Draina, Kevin (GE Gas Power); Burton, Kristie (GE Gas Power); Villani, Michael (GE Gas Power);

Cannavo, Salvatore S (GE Gas Power); Carlson, Brian P (GE Gas Power)

Subject: ISSB & OSSB arrived 1100

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Michael Shanahan

PM – Regional Generator Specialist FieldCore

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Saturday, July 31, 2021 5:08 PM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Cc: Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Lawmaster, Bruce (FieldCore);

Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM)

Subject: DS Daily Updates During Outages - 07/31 **Attachments:** 07-31-2021 TECO-Polk_Unit1 Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon. Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR

337X011

Site: TECO-POLK Work scope: CCSR

Date: 07/31/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Stacking core

Completed:

- Moved all-threads to every other slot for restacking
- > Stacking packages 67
- > Installed second set of group 2 ISSB's
- Received new ISSB's and refurbished OSSB's
- Inspected and inventoried ISSB's and OSSB's
- Moved up remaining lamination boxes to dance floor
- 3) Deviations from Program and Variances to the Scope:
 - Lightning stand-down
- 4) Problems / Technical Issues:
- 5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking
- Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and All OSSB shipped @ 1415 today.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021

7) Actions in order of priority for Next Shift:

- Continue stacking 68
- Move T-blocks and apply additional torque
- If time allows start stacking 69
- 8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test
- Build tie cart

10) Comments: **GE PROPRIETARY**

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GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

GE Notes:

TECO-POLK Plant Notes:

GE PROPRIETARY
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Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Sunday, August 1, 2021 6:55 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert,

Justin D.

Cc: Denisov, Yuriy (FieldCore); Lawmaster, Bruce (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Rymarz, Mark (FieldCore)

Subject: NS Daily Updates During Outages - 07/31

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Yuriy had to leave for family reasons, Jon. Meacham will be changing over to Night Shift until Mark Rymarz arrives. Mark is currently travelling.

Last night we continued restacking and aligning package 67.

Today we will continue to restack package 68.

No deliveries scheduled for today.

Safety topic last night was Fire prevention

Covid test results were Neg for the DS site safety, still not feeling well. Was going to see a doctor yesterday. Will follow up this morning to check how he is doing

Michael Shanahan

PM – Regional Generator Specialist FieldCore

M +1 813 928 3581

Michael.Shanahan1@ge.com

From: Meacham, Jonathon (FieldCore) < Jonathon. Meacham@ge.com>

Sent: Saturday, July 31, 2021 5:08 PM

To: 'Crotts, Mary' < MECrotts@tecoenergy.com>; 'Dilport, Nate' < NDilport@tecoenergy.com>; 'Hall, Brian L.' < blhall@tecoenergy.com>; 'Kennedy, Ronald R.' < rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM'; 'Lozano, Jhonnathan' < ixlozano@tecoenergy.com>; 'Parker, Gary D.' < GParker@tecoenergy.com>; 'Peterson, Robort Brian Company Com>; 'Peterson, Robort Brian Company C

'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; 'Peterson, Robert R.'

<RRPeterson@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Rivera, Raul'
<RRivera@tecoenergy.com>; 'tamills@tecoenergy.com'; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>

Cc: Shanahan, Michael (FieldCore) < Michael. Shanahan1@ge.com>; Denisov, Yuriy (FieldCore)

<Yuriy.Denisov1@ge.com>; Lawmaster, Bruce (FieldCore) <Bruce.Lawmaster@ge.com>; Thompson, Brian R (GE Gas

Power)

Sprian1.thompson@ge.com>; Hege, Nathan (GE Gas Power) <Nathan.Hege@ge.com>; Illgen, Scott (APM) <scott.illgen@apmdelivers.com>

Subject: DS Daily Updates During Outages - 07/31

All,

20220001-EI Staff Hearing Exhibits 00581

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022 SUPPLEMENTAL: APRIL 14, 2022

Please see attached turnover for work completed.

Best Regards,

Jon Meacham Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Sunday, August 1, 2021 4:29 PM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert,

Justin D.

Cc: Denisov, Yuriy (FieldCore); Lawmaster, Bruce (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Walton, Gary (FieldCore);

Rymarz, Mark (FieldCore)

Subject:DS Daily Updates During Outages - 08/1Attachments:08-1-2021 TECO-Polk_Unit1_Turnover DS.pdf

CAUTION - External Email

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All,

Please see attached turnover for work completed.

Michael Shanahan

PM – Regional Generator Specialist FieldCore



DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR

337X011

Site: TECO-POLK Work scope: CCSR

Date : 08/1/2021 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Jon Meacham
Day Shift GS:	Mark Rymarz
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Stacking core

Completed:

- > Verified Alignment of package 67
- Completed stacking package 68
- Verified alignment (Sides & Bottom of slots) had to adjust the bottom half
- ➤ Assembled G2 ISSB
- Repositioned all thread & UT blocks & torque 150 Ft.lbs
- Core measurement 164.3125 (1-68 packages)
- Started stacking package 69 (Solid punching's) 1.09" / 76 Layers

3) Deviations from Program and Variances to the Scope:

__

4) Problems / Technical Issues:

5) Items for Coordination with Others:

Mark Rymarz travelling to replace Yuriy on Night Shift Jon Meacham Supporting Night Shift tonight

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking
- Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and All OSSB shipped @ 1415 today.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021

7) Actions in order of priority for Next Shift:

- > Continue stacking 69 (Divided in half solid punching's/ slit punching's)
- After 76 layers change punching's to Pt 6 Slit punching's
- Slit punching's 73 layers then add 3 layers of P3 (total layers 76) 2nd half of package 69
- Verify alignment (Sides / Bottom) assemble ISSB move UT Blocks & Torque

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test (Monday 8/2/2021)
- Build tie cart

10) Comments:

- GE Notes.
- ♣ TECO-POLK Plant Notes:

GE PROPRIETARY
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20220001-EI Staff Hearing Exhibits 00584

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Wednesday, August 4, 2021 4:20 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas

Power); Torbert, Justin D.; Walton, Gary (FieldCore)

Subject: DS Update 8.4.201 TECO Polk

Attachments: 08-4-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/4/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Stacking core

Completed:

- > Verified all Package alignments
- Repositioned outside clamps to compress OD
- Installed all thread with plates to pull in the OSSB's, Core length prior to flange installed 168.56"
- Performed housekeeping & straighten up the deck

A

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Standdown - 0700- 0900

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 - 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- Connection rings to be on-site 8/6/2021
- Stator Bars on-site 8/7/2021 (4 boxes)
- IRIS Slot Couplers delivered
- Anti-rotation pins for H2 seal delivered

7) Actions in order of priority for Next Shift:

- Blow out core
- Assemble Rail for assembling Core Compression Flange
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test weather permitting
- 10) Comments:
- ♣ GE Notes.
- ♣ TECO-POLK Plant Notes:

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20220001-EI Staff Hearing Exhibits 00586

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Friday, August 6, 2021 5:57 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas

Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: DS Update 8.6.2021 TECO Polk

Attachments: 08-6-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/6/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Stacking core

Completed:

- Completed initial torque of CCF to 3000 ft.lbs
- Performed Knife checks ID & OD satisfactorily
- > Placed Bake Ovens on scaffolding & Deck
- > Routed the Bake Oven cables
- > Air monitor left inside coolers

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Standdown -

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 - 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- Connection rings to be on-site 8/7/2021
- Astro Chemicals shipped

7) Actions in order of priority for Next Shift:

- Recheck the CCF at 3000 ft.lbs
- Measure the core Top, Bot, left, right
- Install TC
- Install duct boards
- Start the bake

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test weather permitting
- •

10) Comments:

- GE Notes: Jon Meacham will be rolling back to Day Shift
- TECO-POLK Plant Notes:

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20220001-EI Staff Hearing Exhibits 00588

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Saturday, August 7, 2021 4:59 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas

Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: DS Update 8.7.2021 TECO Polk

Attachments: 08-7-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/7/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Stacking core

Completed:

- > Started 0730 @220C
- Adjusted CE oven to 190C
- Adjusted TE oven to 180C

3) <u>Deviations from Program and Variances to the Scope</u>:

4) Problems / Technical Issues:

Lightning Standdown -

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 - 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- Connection rings to be on-site 8/7/2021
- Astro Chemicals shipped

7) Actions in order of priority for Next Shift:

Continue baking Max temp 150C

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

Stage bake ovens and test weather permitting

10) Comments:

- GE Notes: Jon Meacham will be rolling back to Day Shift
- TECO-POLK Plant Notes:

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20220001-EI Staff Hearing Exhibits 00590

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Tuesday, August 10, 2021 5:24 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas

Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: DS Update 8.10.2021 TECO Polk

Attachments: 08-10-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/10/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

core ring test

Completed:

- > Received MSD Astro G5
- Received Junction box
- Received Wedges
- Received roven tie 1 missing still in Memphis
- > Started Core ring test @ 1500
- > Inventorying material
- > Changing out AC Unit

3) Deviations from Program and Variances to the Scope:

-

4) Problems / Technical Issues:

Lightning Stand Down:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Continue Core ring test.
- > Cut down temp wood to 3.5". Box is under shelf label Not ripped
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 Ft.Lbs. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

•

10) Comments:

- GE Notes:
- ★ TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Monday, August 2, 2021 2:36 AM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE

Gas Power); Ryman, John F (GE Gas Power); Rymarz, Mark (FieldCore); Nelson, Patrick A.

Subject:NS Daily Update During Outages - 08/01Attachments:08-1-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Cc:

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon. Meacham@ge.com







GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Work scope: CCSR

Date: 08/1/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Jon Meacham
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart
1) Safety Issues/ Concerns:	
COVID procedures	
• COVID procedures	

- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping
- > Stacking core

Completed:

- > Painted G3 ISSB's
- ➤ Installed layers 45 62 on package 69
- > Removed seven layers for parts inspection current layer installed is 55.

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

С

5) Items for Coordination with Others:

•

6) Parts / Spares / Tooling Issues:

 Defects were found on new core laminations. PAC case was submitted high priority to engineering for review and deposition on issue.

7) Actions in order of priority for Next Shift:

Contact engineering for resolution of PAC case submitted

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Place new lamination
- Stage bake oven and test
- Build tie cart

10) Comments:

- GE Notes:
- 4

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Monday, August 2, 2021 9:41 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert,

Justin D.; Fowler, Bill R.

Cc: Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Ryman, John F (GE

Gas Power); Rymarz, Mark (FieldCore); Nelson, Patrick A.; Baldassarre, Erich L (GE Gas

Power)

Subject: RE: NS Daily Update During Outages - 08/01

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ER-20210802-0058 New core iron lamination insulation defects

Received the OK from engineering to use the punching's. The following guidelines were provided:

- 1) Inspect each lamination, if defect exposes the metal of the lamination set side.
- 2) Use the punching's 1st that have no exposed metal.
- 3) Ensure the punching's are stack so that the defects don't lineup over each other. The defects are only present on 1 side of the lamination, so the side that has a defect will lay against the side that has no defect.

Michael Shanahan

PM – Regional Generator Specialist FieldCore

M+18139283581 Michael.Shanahan1@ge.com

From: Meacham, Jonathon (FieldCore) < Jonathon. Meacham@ge.com>

Sent: Monday, August 2, 2021 2:36 AM

To: 'Crotts, Mary' <MECrotts@tecoenergy.com>; 'Dilport, Nate' <NDilport@tecoenergy.com>; 'Hall, Brian L.' <bladdedownergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM'; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; 'Peterson, Robert R.' <RRPeterson@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>; 'tamills@tecoenergy.com'; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com> Cc: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>; Thompson, Brian R (GE Gas Power)

 <b

All,

Please see attached turnover for work completed.

20220001-EI Staff Hearing Exhibits 00595

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022 SUPPLEMENTAL: APRIL 14, 2022

Best Regards,

Jon Meacham Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Monday, August 2, 2021 4:34 PM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert,

Justin D.; Fowler, Bill R.

Cc: Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Ryman, John F (GE

Gas Power); Rymarz, Mark (FieldCore); Nelson, Patrick A.; Walton, Gary (FieldCore);

Baldassarre, Erich L (GE Gas Power); Hayes, Peter (FieldCore)

Subject:DS Daily Update During Outages - 08/02Attachments:08-2-2021 TECO-Polk_Unit1_Turnover DS.pdf

CAUTION - External Email

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/2/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Jon Meacham
Day Shift GS:	Mark Rymarz
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Stacking core

Completed:

- Discussed w/Engineering issue's with punching's. This happens during the coating process and is normal in the factory. Good side faces the minor indications.
- > Started stacking package 69 (Solid punching's) 1.09" / 76 Layers Completed
- Started stacking 2nd half of 69 (Slit punching's) ~30 layers

3) Deviations from Program and Variances to the Scope:

•

4) Problems / Technical Issues:

Lightning Standdown - 1015-1230 / 1330-1730

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021

7) Actions in order of priority for Next Shift:

- ➤ Slit punching's package 69 -73 layers then add 3 layers of P3 (total layers 76) 2nd half of package 69
- Measure package when completed 2.181" add additional layers of Pt 3 if needed
- Verify alignment (Sides / Bottom) assemble ISSB move UT Blocks & Torque
- Continue stacking package 70- 5 layers Pt 4 / 25 layers Pt 7 / 1 layer Pt 4 (.45" thick)
- Next section 39 layers Pt 8 (.56" thick)
- Next section 39 layers Pt 9 (.56" thick)
- Total measurement 1.57"

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test (Monday 8/2/2021) we did not move them into place will wait for tomorrow
- Build tie cart

10) Comments:

GE Notes:

♣ TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Tuesday, August 3, 2021 4:37 AM

To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Shanahan, Michael (FieldCore); Rymarz, Mark (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

Subject: NS Daily Update During Outages - 08/02

Attachments: 08-2-2021 TECO-Polk_Unit1_Turnover NS.pdf

CAUTION - External Email

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All,

Cc:

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon. Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 08/2/2021 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Jon Meacham
Day Shift GS:	Mark Rymarz
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping
- > Stacking core

Completed:

- > Stacking package 69 ~ 2.178" with 66 layers of pt-6 and 3 layers of pt-3
- > Aligned core iron and secured key bar clamps
- Installed ISSB's
- Took Slot Coupler gland measurements

3) Deviations from Program and Variances to the Scope:

- Lightning Delay: 19:43 20:37, 21:10 21:40, 22:41 23:15
- 4) Problems / Technical Issues:

__

5) Items for Coordination with Others:

•

6) Parts / Spares / Tooling Issues:

- · Continued working on rewind parts.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021

7) Actions in order of priority for Next Shift:

- Move UT blocks and torque
- Continue stacking package 70- 5 layers Pt 4 / 25 layers Pt 7 / 1 layer Pt 4 (.45" thick)
- Next section 39 layers Pt 8 (.56" thick)
- Next section 39 layers Pt 9 (.56" thick)
- > Total measurement 1.57"

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- ₱ Place new lamination
- Stage bake oven and test
- Build tie cart

10) Comments:

- GE Notes:
- .
- TECO-POLK Plant Notes:

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GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

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Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Tuesday, August 3, 2021 5:38 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas

Power); Torbert, Justin D.; Walton, Gary (FieldCore)

Subject: DS Daily Update 8.3.2021

Attachments: 08-3-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/3/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Jon Meacham
Day Shift GS:	Mark Rymarz
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Stacking core

Completed:

- > Assembled ISSB 69-70 (166.6875")
- > Started stacking package 70
- > OSSB box brought to deck
- Removed OSSB from box

3) Deviations from Program and Variances to the Scope:

 \rightarrow

4) Problems / Technical Issues:

Lightning Standdown - 0815-0925 / 1415-1545

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Connection rings to be on-site 8/6/2021
- Stator Bars on-site 8/7/2021 (4 boxes)

7) Actions in order of priority for Next Shift:

- Assemble OSSB
- Use all thread and plates to hold OSSB
- Once plates assembled move T-Blocks
- ➤ Total measurement 1.57" package 70
- Assemble rail for installing TE CCF

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test (Monday 8/5/2021)
- Build tie cart

10) Comments:

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20220001-EI Staff Hearing Exhibits 00603

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:

Meacham, Jonathon (FieldCore) < Jonathon. Meacham@ge.com>

Sent:

Wednesday, August 4, 2021 4:28 AM

To:

Cc:

Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert

R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.

Shanahan, Michael (FieldCore); Rymarz, Mark (FieldCore); Thompson, Brian R (GE Gas

Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM)

Subject:

NS Daily Update During Outages - 08/03

Attachments:

08-3-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon. Meacham@ge.com







GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 08/3/2021 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	Jon Meacham
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

TWE HIGHE DAVID HAR DATIFIANT		
1) Safety Issues/ Concerns:		
COVID procedures		
Housekeeping / Proper lifting techniques / Noise stress / Body positioning		
Weather- Heat / Lightning		
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles		
2) Summary of Progress:		
Initiated: ➤ Housekeeping		
> Relocating and torquing of UT blocks ~ 14		
Completed:		
> Primed OSSB		
Cleaned compression flange and applied second coat of Teflon		
> Installed OSSB's		
➤ Aligned OSSB's and slots		
3) Deviations from Program and Variances to the Scope:		
 Lightning Delay: 21:47 – 22:20 		
4) Problems / Technical Issues:		
0		
5) <u>Items for Coordination with Others</u> :		
6) Parts / Spares / Tooling Issues:		
Continued working on rewind parts.		
Connection rings to be shipped 8/6/2021		
Requesting Stator Bars on-site 8/6/2021		
7) Actions in order of priority for Next Shift:		
Finish moving UT blocks and torque		
Install new compression flange gasket		
➤ Install compression flange rail		
Take final measurements for overall core length		
8) QCP signoffs completed? Need to sign-off Quality Check Points:		
9) Outstanding items (to complete at next opportunity) in order of priority:		
★ Stage bake oven and test		
■ Build tie cart		
10) Comments:		
♣ GE Notes:		
4		
♣ TECO-POLK Plant Notes:		

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Thursday, August 5, 2021 2:32 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

Subject:RE: NS Daily Update During Outages - 08/04Attachments:08-4-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz Generator Specialist Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 08/4/2021 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	Jon Meacham
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Housekeeping Completed: > Stage Compression flange rail and brackets > Prepped for load compartment removal > Setup and checked Hytorc > Torque checked CE compression flange Cut and labeled CE and TE duct boards for bake cycle Made wooden washers ~ Need ½ -13 bolts 2 ½" long to secure duct boards to flange Placed halogen lamp under TE flange tent 3) Deviations from Program and Variances to the Scope: Lightning Delay: 4) Problems / Technical Issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Continued working on rewind parts. Connection rings to be shipped 8/6/2021 Requesting Stator Bars on-site 8/6/2021 Tested Hytorc with two heads ~ function checked good T-5 head is leaking oil and labeled inside GTS box 7) Actions in order of priority for Next Shift: 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Stage bake oven and test Build tie cart 10) Comments: GE Notes: TECO-POLK Plant Notes:

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GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

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Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Thursday, August 5, 2021 4:46 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas

Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: DS Daily Update 8.5.2021

Attachments: 08-5-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore

M +1 813 928 3581 Michael.Shanahan1@ge.com



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 08/5/2021 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Stacking core

Completed:

- Removed Load Compartment
- Placed Core Compression Flange onto trolley.
- ➢ Re-assembled the load Compartment
- > Had to re-clean the flange & re-apply Teflon
- Core Compression flange basically hand tight, measurements are within .125" T, B, L, R
- > Unloaded the 4 Stator Bar boxes they are numbered in the order we will use & Weights
- Greg made up the harnesses for the bake of the core iron, and the CCSR bake

3) Deviations from Program and Variances to the Scope:

→

4) Problems / Technical Issues:

Lightning Standdown -

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 - 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- Connection rings to be on-site 8/6/2021
- Received the 3 Replacement Gas RTD's

7) Actions in order of priority for Next Shift:

- Cover the bar boxes
- Start torquing the TE CCF, per procedure and sequence order
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test weather permitting
- •

10) Comments:

- GE Notes: Jon Meacham will be rolling back to Day Shift
- TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Friday, August 6, 2021 4:28 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

Subject:RE: NS Daily Update During Outages - 08/05Attachments:08-5-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/4/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	Jon Meacham
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Housekeeping Completed: > Verified bar boxes were covered > Installed slot boards in every other slot Started torque of TE CCF. Completed up to 2nd pass at 1500 ft lbs. 3) Deviations from Program and Variances to the Scope: Lightning Delay: none 4) Problems / Technical Issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Continued working on rewind parts. Connection rings to be shipped 8/6/2021 Requesting Stator Bars on-site 8/6/2021 Tested Hytorc with two heads ~ function checked good T-5 head is leaking oil and labeled inside GTS box 7) Actions in order of priority for Next Shift: Complete 1500 ft lbs torque Continue torque of TE CCF per procedure Perform knife checks Set up for bake cycle 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Stage bake oven and test ■ Build tie cart 10) Comments: GE Notes: TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Saturday, August 7, 2021 6:29 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

Subject:RE: NS Daily Update During Outages - 08/06Attachments:08-6-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover-



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/6/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	Jon Meacham
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Housekeeping Completed: > Performed two passes on TE CCF at 3000 ft lbs. Some additional movement Measured core length at 4 positions Setting up for bake on CE and TE 3) Deviations from Program and Variances to the Scope: Lightning Delay: 3 hour delay for lighning 4) Problems / Technical Issues: 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Continued working on rewind parts. Connection rings to be shipped 8/6/2021 Requesting Stator Bars on-site 8/6/2021 Tested Hytorc with two heads ~ function checked good T-5 head is leaking oil and labeled inside GTS box 7) Actions in order of priority for Next Shift: Complete bake setup Bake core 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Stage bake oven and test ■ Build tie cart 10) Comments:

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TECO-POLK Plant Notes:

GE Notes:

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Sunday, August 8, 2021 5:17 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

Subject:RE: NS Daily Update During Outages - 08/07Attachments:08-7-2021 TECO-Polk_Unit1 Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/7/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	Jon Meacham
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

4) Softwill and O
1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weether Head / Highering
Weather- Heat / Lightning Topoda (Base Mark (California))
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress: Initiated:
→ Housekeeping
Completed:
> Continued core bake
CE reached temp at 2200
> TE reached temp at 0230
3) <u>Deviations from Program and Variances to the Scope</u> :
Lightning Delay: none A) Problems / Tooksisel Issued
4) Problems / Technical Issues:
5) Items for Coordination with Others:
o) items for coordination with others.
6) Parts / Spares / Tooling Issues:
Continued working on rewind parts.
Connection rings to be shipped 8/6/2021
Requesting Stator Bars on-site 8/6/2021
Tested Hytorc with two heads ~ function checked good
T-5 head is leaking oil and labeled inside GTS box
7) Actions in order of priority for Next Shift:
Reduce temperature on core at 0630
➤ Retorque CCF at 3000 ft lbs
Take core length measurements
9) OCP cignoffs completed 2 Novel to sign off Out it. Object D. I.
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Build tie cart
10) Comments:
♣ GE Notes:
4
↓ TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Sunday, August 8, 2021 5:38 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas

Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Cc: Illgen, Scott (APM)

Subject: DS Daily Update During Outages - 08/08 **Attachments:** 08-8-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/8/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Stator cooling
- > Final torque of TE compression flange

Completed:

- Received connection rings and phase straps
- Completed first torque after bake of TE compression flange
- Removed duct boards from generator

3) <u>Deviations from Program and Variances to the Scope</u>:

•

4) Problems / Technical Issues:

Lightning Standdown - 0700- 0900

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 - 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- · Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- •

7) Actions in order of priority for Next Shift:

- Complete final torque on TE compression flange
- Perform knife check
- Perform post bake El-Cid
- Pack and stage bake ovens for removal
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

• Clear scaffolding and cat walk on RH side of generator for core ring setup.

10) Comments:

- ♣ GE Notes
- ♣ TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>

Sent: Monday, August 9, 2021 2:22 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

Subject:RE: NS Daily Update During Outages - 08/08Attachments:08-8-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/8/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Stacking core

Completed:

- Generator reached 60C at 0830
- > Re-torqued CCF, 12 out of 15 nuts no movement
- > Still too hot to enter core
- Set up Elcid. Still needs to be calibrated
- Pulled back CE bake oven and covered on deck

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Standdown – 2.5 hours

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 - 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- · Astro Chemicals shipped

7) Actions in order of priority for Next Shift:

- Clean oil out of belly
- Perform knife checks
- Measure Core
- Perform Elcid

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

Stage bake ovens and test weather permitting

10) Comments:

- GE Notes:

GE PROPRIETARY UNCONTROLLED WHEN PRINTED

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Monday, August 9, 2021 5:13 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Illgen, Scott (APM); Shanahan, Michael (FieldCore)

Subject: DS Daily Update During Outages - 08/09
Attachments: 08-9-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Cc:

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 08/9/2021 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Setting up for core ring test

Completed:

- Received axial supports and put into gang box
- > Received RTD cable extension
- Received roven tie ~ 7 rolls, 1 missing
- Removed all-thread and UT blocks from core
- > Removed restack tooling from dance floor
- Completed EL-Cid
- Completed knife checks
- Cleaned generator belly
- Moved Core Kit to dance floor

3) Deviations from Program and Variances to the Scope:

_!

4) Problems / Technical Issues:

Lightning Stand Down: 13:38 - 14:10, 14:27 - 17:30

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 - 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021

.

7) Actions in order of priority for Next Shift:

- Continue setup for core ring test ~ 8 loops
- Install generator cooler covers
- Take core length measurements at four locations

Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

•

10) Comments:

- GE Notes.
- <u>▼ TECO-POLK Plant Notes:</u>

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Tuesday, August 10, 2021 4:27 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

Subject:RE: NS Daily Update During Outages - 08/09Attachments:08-9-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184

Fax: 609-228-5019



DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSP

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/9/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Setting up for core ring

Completed:

- > Covered cooler manways
- Measured core length at 4 points (168 375" all points)
- Routed cables for core ring

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Standdown - 3.5 hours

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 - 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021

7) Actions in order of priority for Next Shift:

- Finish running TC's for core ring if you want more (only set up three)
- ➤ Terminate 4160
- Perform Core ring

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

-

10) Comments:

- GE Notes:
- TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Tuesday, August 10, 2021 10:46 PM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

Subject:RE: NS Daily Update During Outages - 08/10Attachments:08-10-2021 TECO-Polk_Unit1_Turnover DS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/10/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

core ring test

Completed:

- Received MSD Astro G5
- Received Junction box
- Received Wedges
- > Received roven tie 1 missing still in Memphis
- > Started Core ring test @ 1500
- > Inventorying material
- > Changing out AC Unit

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Stand Down:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Continue Core ring test.
- > Cut down temp wood to 3.5". Box is under shelf label Not ripped
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 Ft.Lbs. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

10) Comments:

- GE Notes:
- TECO-POLK Plant Notes:

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Sizemore, Ashley A.

Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com> From:

Tuesday, August 10, 2021 10:47 PM Sent:

Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, To:

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

RE: NS Daily Update During Outages - 08/10 Subject: 08-10-2021 TECO-Polk_Unit1_Turnover NS.pdf **Attachments:**

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Disregard the previous turnover. Accidently sent the wrong attachment

Mark

From: Rymarz, Mark (FieldCore)

Sent: Tuesday, August 10, 2021 10:46 PM

Subject: RE: NS Daily Update During Outages - 08/10

To: Meacham, Jonathon (FieldCore) < Jonathon. Meacham@ge.com>; 'Crotts, Mary' < MECrotts@tecoenergy.com>; 'Dilport, Nate' <NDilport@tecoenergy.com>; 'Hall, Brian L.' <black descoenergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM'; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; 'Peterson, Robert R.' <RRPeterson@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>; 'tamills@tecoenergy.com'; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>; Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>; Thompson, Brian R (GE Gas Power) <bri> Sprian1.thompson@ge.com>; Hege, Nathan (GE Gas Power) <Nathan.Hege@ge.com>; Illgen, Scott (APM) <scott.illgen@apmdelivers.com>; panelson@tecoenergy.com

See attached NS Daily turnover.



Mark Rymarz **Generator Specialist** Mark.rymarz1@ge.com Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 08/10/2021 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- · Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

core ring test

Completed:

- > Completed inventory of chems
- Cut temp wood
- > Completed Core ring test at 2215 Reached temp bottom of slots No issues observed
- > Staged AC unit/needs powered up

3) Deviations from Program and Variances to the Scope:

-

4) <u>Problems / Technical Issues</u>:

Lightning Stand Down: none

5) <u>Items for Coordination with Others:</u>

6) Parts / Spares / Tooling Issues:

- · Material still shipping, items are on track for rewind
- •

7) Actions in order of priority for Next Shift:

Cool down stator

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 Ft.Lbs. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

.

10) Comments:

- GE Notes:
- <u>▼ TECO-POLK Plant Notes:</u>

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Wednesday, August 11, 2021 5:10 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Shanahan, Michael (FieldCore); Illgen, Scott (APM)

Subject:DS Daily Update During Outages - 08/11Attachments:08-11-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Cc:

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/11/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Inventory of parts received

Completed:

- Received end winding blocking parts
- Received slot support parts
- > Removed core ring loops and packed conex
- > Established power back to 480 transformer and main PDU
- Blew down core
- Applied red eye to new core iron and core iron that had repairs made
- Staged single strand, gun stocks, and locking tabs on dance floor in gang box
- Performed final torque to TE compression flange nuts ~ 3,000 ft-lb
- > Removed GTS Hytorc box from deck
- Measured core at 3, 6, 9, and 12 o'clock ~ 168.375"

3) Deviations from Program and Variances to the Scope:

- We will leave the Core ring Kit on the dance floor to use as a barrier for the incoming weather this weekend.
- 4) Problems / Technical Issues:

Lightning Stand Down: 4:00pm - 5:30pm

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- •

7) Actions in order of priority for Next Shift:

- Continue inventory of parts received and stage inside SSL
- Fit up axial supports
- Remove anything from deck that is not being used in next steps of work
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

•

10) Comments:

GE Notes:

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GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

TECO-POLK Plant Notes:

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Page 2 OF 2

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>

Sent: Thursday, August 12, 2021 1:47 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

Subject:RE: NS Daily Update During Outages - 08/11Attachments:08-11-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 08/11/2021 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- · Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Inventory of parts received

Completed:

- > Completed inventory including Gerome shipment received/ packing list is in SSL
- > Fit up axial supports brackets fit well
- > Removed unnecessary items/tooling from deck/Housekeeping for storm

3) Deviations from Program and Variances to the Scope:

We will leave the Core ring Kit on the dance floor to use as a barrier for the incoming weather this weekend.

4) Problems / Technical Issues:

Lightning Stand Down: ~ 1 hour

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- .

7) Actions in order of priority for Next Shift:

- Torque belly bands
- > Clean up for storm
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

.

10) Comments:

- <u>GE Notes</u>:
- TECO-POLK Plant Notes:

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20220001-EI Staff Hearing Exhibits 00633

TAMPA ELECTRIC COMPANY **DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022**

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

Meacham, Jonathon (FieldCore) < Jonathon. Meacham@ge.com> From:

Sent: Thursday, August 12, 2021 5:19 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

> L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Shanahan, Michael (FieldCore); Illgen, Scott (APM)

Cc: DS Daily Update During Outages - 08/12 Subject: 08-12-2021 TECO-Polk_Unit1_Turnover DS.pdf **Attachments:**

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/12/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

> Preparing for rewind

Completed:

- > Made 63 bottom slot filler
- > Received last single strand tie roll ~ SSL
- Installed connection rings
- Removed Core ring test kit from dance floor

3) Deviations from Program and Variances to the Scope:

4) <u>Problems / Technical Issues</u>: <u>Lightning Stand Down:</u> 4:18pm – 5:30pm

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Setup pick up for Core ring kit, core restack kit, Bake oven extension cables, and line backers
- GTS is sending out new sockets for belly band torquing

7) Actions in order of priority for Next Shift:

- Block new connection rings
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

10) Comments:

- GE Notes:
- TECO-POLK Plant Notes:

GE PROPRIETARY UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>

Sent: Friday, August 13, 2021 3:32 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.

Subject: RE: NS Daily Update During Outages - 08/12
Attachments: 08-12-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Work scope: CCSR Site: TECO-POLK

Date: 08/12/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/I Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Preparing for rewind

Completed:

- > Fit up connection ring blocking
- Broke down bar horses and put away

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Stand Down:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Setup pick up for Core ring kit, core restack kit, Bake oven extension cables, and line
- GTS is sending out new sockets for belly band torquing

7) Actions in order of priority for Next Shift:

- Review blocking fitup
- Fit up T4 & T6 blocks
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

10) Comments:

- GE Notes:
- TECO-POLK Plant Notes:

GE PROPRIETARY UNCONTROLLED WHEN PRINTED

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com> From:

Friday, August 13, 2021 1:08 PM Sent:

Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian To:

L.; Haves, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Shanahan, Michael (FieldCore); Illgen, Scott (APM) Cc: DS Daily Update During Outages - 08/13 Subject: 08-13-2021 TECO-Polk_Unit1_Turnover DS.pdf **Attachments:**

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/13/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Prepared for incoming weather

Completed:

- > Blocking for connection rings
- > Staged tooling for pick up Tuesday 8/18/2021
- > Den-energized the 4160 transformer
- Secured site for weather

3) Deviations from Program and Variances to the Scope:

-

4) Problems / Technical Issues:

Standby for weekend due to incoming tropical storm Fred

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Binding bands will arrive on site Monday 8/17/2021
- Series loop straps will arrive Monday 8/17/2021
- RTD gland 8/17/2021

7) Actions in order of priority for Next Shift:

Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install binding bands
- Block and tie connection rings
- Torque and insulate HVB's
- Install windings

10) Comments:

- <u>GE Notes</u>:
- * TECO-POLK Plant Notes:

GE PROPRIETARY
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Sizemore, Ashley A.

Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com> From:

Monday, August 16, 2021 5:17 PM Sent:

Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian To:

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Shanahan, Michael (FieldCore); Illgen, Scott (APM)

Cc: DS Daily Update During Outages - 08/16 Subject: 08-16-2021 TECO-Polk_Unit1_Turnover DS.pdf **Attachments:**

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All.

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon. Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Work scope: CCSR Site: TECO-POLK

Date: 08/16/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Applying 1st torque to belly bands
- > Torquing HVB's and connection rings
- Cutting blocks for T3 and T4 connections to HVB's
- > Installing clips for RTD's

Completed:

- > Received new Hytorc heads for belly band bolt torque
- Received binding bands @ 0700
- Received RTD glad ~ placed in SSL
- Removed Core Ring Test from dance floor
- > Installed binding bands
- > Installed plastic on connection ring copper to protect from resin
- Secured axial supports and hardware with resin and epoxy
- Removed LH/RH manway covers to take to machine shop

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 1325 - 1425, 1619 - 1730.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/17/2021

7) Actions in order of priority for Next Shift:

- Apply 2nd torque to connections rings and HVB's
- Start tying connection rings
- Insulate HVB's
- Finish installing RTD clips
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

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GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

- Install binding bands
- Block and tie connection rings
- Torque and insulate HVB's
- Install windings

10) Comments:

- GE Notes:
- ♣ TECO-POLK Plant Notes:

GE PROPRIETARY
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Page 2 OF 2

Sizemore, Ashley A.

Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com> From:

Tuesday, August 17, 2021 5:27 PM Sent:

Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian To:

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Shanahan, Michael (FieldCore); Illgen, Scott (APM) Cc:

DS Daily Update During Outages - 08/17 Subject: 08-17-2021 TECO-Polk_Unit1_Turnover DS.pdf **Attachments:**

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All.

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile, 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Work scope: CCSR Site: TECO-POLK

Date: 08/17/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Still Got Wolf Site: Wildlice	
Day Shift GS: Jon Meacham	Night Shift OJT GS:
Day Shift OJT GS:	W/L Night: David Hansen / Frank Barnhart
W/I Day: Carlos Mercado /Josh Cabler	W/L Night: David Hariseit / Frank Darmart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Applying 1st torque to belly bands
- Bar fit up

Completed:

- > Insulating HVB's
- > Staged fit up bars on dance floor
- Stripped two bottom bars for fit up
- Installed RTD clips
- Cut temp wood for bottom bars
- Shipped Core Ring and restack tooling back to tool center

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay:1520 - 1730

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/20/2021

7) Actions in order of priority for Next Shift:

- Bar fit up
- Cut bottom filler
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

Install windings

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

GF PROPRIETARY UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com> From:

Tuesday, August 17, 2021 4:29 AM Sent:

Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, To:

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank

RE: NS Daily Update During Outages - 08/16 Subject: 08-16-2021 TECO-Polk_Unit1_Turnover NS.pdf **Attachments:**

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See attached NS Daily turnover.



Mark Rymarz **Generator Specialist** Mark.rymarz1@ge.com Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES **TECO-Polk - Unit 1 CCSR** 337X011

Work scope: CCSR Site: TECO-POLK

Date: 08/16/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS/F in Oil Site: Milettee	1.1.9
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart
WIL Day: Carlos Mercado /30sii Cabler	1

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Applying 1st torque to belly bands
- > Torquing HVB's and connection rings
- Cutting blocks for T3 and T4 connections to HVB's
- Installing clips for RTD's

Completed:

- Performed second torque on connection rings
- Completed tying connection rings

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 1325 - 1425, 1619 - 1730.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/17/2021

7) Actions in order of priority for Next Shift:

- Insulate HVB's
- Finish installing RTD clips
- Bar fit up
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install binding bands
- Insulate HVB's
- Install windings

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

GE PROPRIETARY UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com> From:

Thursday, August 19, 2021 4:24 AM Sent:

Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, To:

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank

RE: NS Daily Update During Outages - 08/18 Subject: 08-18-2021 TECO-Polk_Unit1_Turnover NS.pdf **Attachments:**

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See attached NS Daily turnover.



Mark Rymarz **Generator Specialist** Mark.rymarz1@ge.com Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Work scope: CCSR

Shift: Night
Night Shift GS: Mark Rymarz
Night Shift OJT GS:
W/L Night: David Hansen / Frank Barnhart

	sues/ Concerns:
COVID	procedures (Pody positioning
 Housek 	eeping / Proper lift ing techniques / Noise stress / Body positioning
 Weather 	er- Heat / Lightning
 Insects 	(Bees/Wasp/Spiders/Mosquitos) - Reptiles
	y of Progress:
Initiated:	
	alling bottom filler
} Inst	alling bottom bars
Complete	d:
> Inst	talled final pin in shim on TE
	talled bottom filler in all slots
► Ma	pped out SRS - using all 14's work nice
> Ins	talled 13 BTM bars – 14th is in the slot but needs tied & rippled – Bars went in as
	pected, no issues
2) Deviction	ons from Program and Variances to the Scope:
3) Deviation	ons nontriogram and variances is
4) Problem	ns / Technical Issues:
1 1 1 1 1 1	ightning Delay: 1 hour
5) Items fo	or Coordination with Others:
0) 101110	
6) Parts /	Spares / Tooling Issues:
* Ma	aterial still shipping, items are on track for rewind
86	eries loop straps will arrive 8/20/2021
7) Actions	s in order of priority for Next Shift:
	uue BTM bar installation
➢ Contin➢ House	
	The same off Quality Chack Points'
Design Co	gnoffs completed? Need to sign-on quality offect i since relength 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core
l -ta- taat lar	ath 169 375
9) Outsta	nding items (to complete at next opportunity) in order of priority:
• In	stall windings
10) Comn	nents:
♣ GE N	otes:
	D-POLK Plant Notes:
1200	/ Committee

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com> From:

Wednesday, August 18, 2021 4:35 AM Sent:

Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, To:

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.: Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank

RE: NS Daily Update During Outages - 08/17 Subject: 08-17-2021 TECO-Polk_Unit1_Turnover NS.pdf **Attachments:**

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See attached NS Daily turnover.



Mark Rymarz **Generator Specialist** Mark.rymarz1@ge.com Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES **TECO-Polk - Unit 1 CCSR** 337X011

Work scope: CCSR Site: TECO-POLK

Date: 08/17/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart
W/L Day. Carlos Mercado 700011 Gazio:	

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Applying 1st torque to belly bands
- > Bar fit up

Completed:

- > Took BTM Bar measurements to CCF SAT
- Aligned Binding bands TE/CE
- > Performed Bar Fit up
- Cut remainder of bottom filler

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 2 hours

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/20/2021

7) Actions in order of priority for Next Shift:

- Install bottom filler
- Start BTM Bar installation
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

Install windings

10) Comments:

- GE Notes:
- TECO-POLK Plant Notes:

GE PROPRIETARY UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

Meacham, Jonathon (FieldCore) < Jonathon. Meacham@ge.com> From:

Wednesday, August 18, 2021 5:18 PM Sent:

Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian To:

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Shanahan, Michael (FieldCore); Illgen, Scott (APM)

Cc: DS Daily Update During Outages - 08/18 Subject: 08-18-2021 TECO-Polk_Unit1_Turnover DS.pdf **Attachments:**

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/18/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/I Day: Carlos Mercado /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Installing bottom filler
- > Installing bottom bars

Completed:

- > Verified bar fit up ~ CE satisfactory, TE moved and repositioned binding bands
- > Shimmed and pinned CE and TE binding bands
- Received last of the Gas RTD's
- > Cut remainder of bottom filler
- Staged and routed stator RTD's on CE and TE

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 16:30 - 17:30.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/20/2021

7) Actions in order of priority for Next Shift:

- Pin 3rd binding band shim at 6 o'clock
- Lay out SRS map
- Start installing bottom bars in slot 46 ~ 10 step up bars
- Peel and stick slots 4 & 5 double back bottom filler
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

Install windings

10) Comments:

- ♣ GE Notes:
- TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Thursday, August 19, 2021 5:38 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Shanahan, Michael (FieldCore); Illgen, Scott (APM)

Cc: Shanahan, Michael (FleidCore); fligeri, Scott (AFT DS Daily Update During Outages - 08/19

Attachments: 08-19-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All.

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon. Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Work scope: CCSR Site: TECO-POLK

Date: 08/19/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: **COVID** procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Installing bottom bars Completed: > As found testing on gas RTD's > Completed belly band shimming and final torque > Received access panel from machine shop > Received series straps and placed in standup gang box > EDE removed old GTE heaters 3) Deviations from Program and Variances to the Scope: 4) Problems / Technical Issues: **Lightning Delay:** 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Material still shipping, items are on track for rewind 7) Actions in order of priority for Next Shift:

Continue installing bottom bars

- Perform post belly band torque El-Cid
- > Cut 1" off 6 o'clock axial support to make clearance for strap
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

Install windings

10) Comments:

- GE Notes:
- TECO-POLK Plant Notes:

GE PROPRIETARY UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com> From:

Friday, August 20, 2021 3:50 AM Sent:

Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, To:

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege,

Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank

RE: NS Daily Update During Outages - 08/19 **Subject:** 08-19-2021 TECO-Polk_Unit1_Turnover NS.pdf **Attachments:**

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See attached NS Daily turnover.



Mark Rymarz **Generator Specialist** Mark.rymarz1@ge.com Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/19/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
Wil Day: Rob Weekley Alosh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:	
COVID procedures	
Housekeeping / Proper lifting techniques / Noise stress / Body positioning	
Weather- Heat / Lightning	
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles	
2) Summary of Progress:	
Initiated:	
> Installing bottom bars	
Completed:	
Cut gunstock for clearance	
➢ Continued bar installation	
Set up El Cid for testing	
3) Deviations from Program and Variances to the Scope:	
4) Problems / Technical Issues:	
Lightning Delay: ½ hour	
5) Items for Coordination with Others:	
6) Parts / Spares / Tooling Issues:	
Material still shipping, items are on track for rewind	
7) Actions in order of priority for Next Shift:	
➤ Perform El Cid	
Fly up new bar box	
Continue installing bottom bars	
> Housekeeping	
8) QCP signoffs completed? Need to sign-off Quality Check Points: Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core	
Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing cook it by Fi	
ring test length 168.375 9) Outstanding items (to complete at next opportunity) in order of priority:	
Install windings	
• Histan windings	
10) Comments:	
GE Notes:	
♣ <u>TECO-POLK Plant Notes</u> :	

GE PROPRIETARY UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Friday, August 20, 2021 5:20 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Shanahan, Michael (FieldCore); Illgen, Scott (APM)

Subject: DS Daily Update During Outages - 08/20

Attachments: 08-20-2021 TECO-Polk_Unit1_Turnover DS.pdf; IMG_1155.JPG

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All,

Cc:

Please see attached turnover for work completed. I have also attached a photo of the new slot coupler gland and the junction box that is mounted on the left hand side of the generator.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon.Meacham@ge.com





Work scope: CCSR

GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

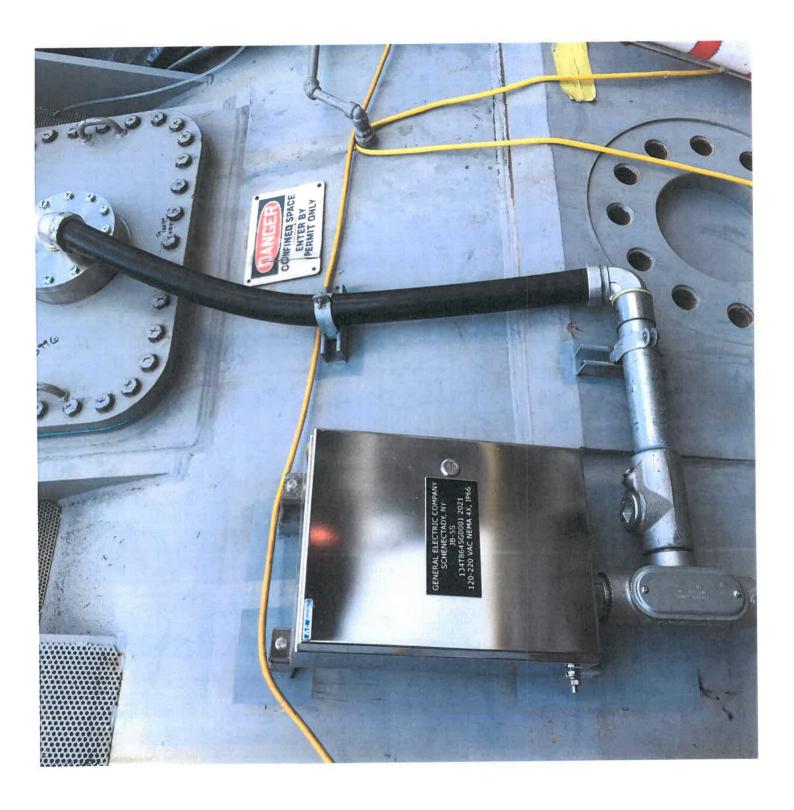
TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 08/20/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Installing bottom bars Completed: Installed new slot coupler gland and junction box Performed post core restack El-Cid Staged box #2 of bottom bars on dance floor 3) Deviations from Program and Variances to the Scope: Horbitaning Delay: 16:45 – 17:30. 5) Items for Coordination with Others: Actions in order of priority for Next Shift: Continue installing bottom bars Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 10) Comments: GE Notes: TECO-POLK Plant Notes:	
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> Staged box #2 of bottom bars on dance floor 3) Deviations from Program and Variances to the Scope:	
> Staged box #2 of bottom bars on dance floor 3) Deviations from Program and Variances to the Scope:	Performed post core restack El-Cid
3) Deviations from Program and Variances to the Scope: Problems / Technical Issues: Lightning Delay: 16:45 – 17:30. Items for Coordination with Others:	➤ Staged box #2 of bottom bars on dance floor
4) Problems / Technical Issues: Lightning Delay: 16:45 – 17:30. 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Material still shipping, items are on track for rewind 7) Actions in order of priority for Next Shift: Continue installing bottom bars Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Install windings 10) Comments: 4 GE Notes:	3) Deviations from Program and Variances to the Scope:
Lightning Delay: 16:45 – 17:30. 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: 6 Material still shipping, items are on track for rewind 7) Actions in order of priority for Next Shift: 7) Continue installing bottom bars 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: 8 Install windings 10) Comments: 4 GE Notes:	
Lightning Delay: 16:45 – 17:30. 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: 6 Material still shipping, items are on track for rewind 7) Actions in order of priority for Next Shift: 7) Continue installing bottom bars 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: 8 Install windings 10) Comments: 4 GE Notes:	4) Problems / Technical Issues:
6) Parts / Spares / Tooling Issues: • Material still shipping, items are on track for rewind 7) Actions in order of priority for Next Shift: > Continue installing bottom bars > Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: • Install windings 10) Comments: 4 GE Notes:	Lightning Delay: 16:45 – 17:30.
6) Parts / Spares / Tooling Issues: • Material still shipping, items are on track for rewind 7) Actions in order of priority for Next Shift: > Continue installing bottom bars > Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: • Install windings 10) Comments: 4 GE Notes:	5) Items for Coordination with Others:
 Material still shipping, items are on track for rewind 7) Actions in order of priority for Next Shift: Continue installing bottom bars Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Install windings 10) Comments: GE Notes: 	
 Material still shipping, items are on track for rewind 7) Actions in order of priority for Next Shift: Continue installing bottom bars Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Install windings 10) Comments: GE Notes: 	6) Parts / Spares / Tooling Issues:
7) Actions in order of priority for Next Shift: > Continue installing bottom bars > Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: • Install windings 10) Comments: \$\delta\$ \(\text{GE Notes}:\)	Material still shipping, items are on track for rewind
Housekeeping OCP signoffs completed? Need to sign-off Quality Check Points: Outstanding items (to complete at next opportunity) in order of priority: Install windings 10) Comments: GE Notes:	
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9) Outstanding items (to complete at next opportunity) in order of priority: • Install windings 10) Comments: • GE Notes:	A Housekeeping
9) Outstanding items (to complete at next opportunity) in order of priority: • Install windings 10) Comments: • GE Notes:	8) QCP signoffs completed? Need to sign-off Quality Check Points:
Install windings 10) Comments: GE Notes:	
Install windings 10) Comments: GE Notes:	9) Outstanding items (to complete at next opportunity) in order of priority:
10) Comments: # GE Notes:	
♣ GE Notes:	- mount
♣ GE Notes:	10) Comments:
→ TECO-POLK Plant Notes:	
	♣ TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Saturday, August 21, 2021 10:22 AM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

1000017, 1010014 340011 217 11011

Subject: Update 8.21.2021

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All

We are planning to close up the bottom bars by the end of shift Night Shift will complete Tying/blocking/ and installing SRS and start assembling middle filler & RTD's

We will perform Testing Sunday

- 1) Bottoms bars @ 66.3 KVDC (In phase groups)
- 2) Connection Rings @ 64.6 KVDC (In phase groups)
- 3) A pre & Post 1 minute megger will be performed at 5000 vdc

Michael Shanahan

PM – Regional Generator Specialist FieldCore

M +1 813 928 3581 Michael.Shanahan1@ge.com

Sizemore, Ashley A.

Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com> From:

Saturday, August 21, 2021 5:28 PM Sent:

Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian To:

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Shanahan, Michael (FieldCore); Illgen, Scott (APM)

Cc: DS Daily Update During Outages - 08/21 Subject: **Attachments:**

08-21-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All.

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





Work scope: CCSR

GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 08/21/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
➢ Blocking and tying bottom bars
Hydrogen seal lapping and blue check
Completed:
> Installed all bottom bars
3) Deviations from Program and Variances to the Scope:
\(\frac{1}{2}\)
4) Problems / Technical Issues:
Lightning Delay: 16:00 – 17:30.
5) <u>Items for Coordination with Others</u> :
6) Parts / Spares / Tooling Issues:
Material still shipping, items are on track for rewind
7) Actions in order of priority for Next Shift:
➤ Continue blocking and tying bottom bars
> Set ripple springs
> Lay middle filler
> Set up for bottom bar / connection rings Hipot ~ by phase groups
> Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Install windings
10) Comments:
♣ GE Notes:
♣ TECO-POLK Plant Notes:

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Sizemore, Ashley A.

Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com> From:

Saturday, August 21, 2021 5:03 AM Sent:

Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, To:

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank

RE: NS Daily Update During Outages - 08/20

Subject: 08-20-2021 TECO-Polk_Unit1_Turnover NS.pdf **Attachments:**

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See attached NS Daily turnover.



Mark Rymarz **Generator Specialist** Mark.rymarz1@ge.com Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/20/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) <u>Summary of Progress</u> :
Initiated:
> Installing bottom bars
Completed:
➤ Continued bar installation

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 5 hours
5) <u>Items for Coordination with Others</u> :
6) Parts / Spares / Tooling Issues:
Material still shipping, items are on track for rewind
7) Actions in order of priority for Next Shift:
Continue installing bottom bars
➢ Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Install windings
ľ
10) Comments:
GE Notes:
→ TECO-POLK Plant Notes:

GE PROPRIETARY UNCONTROLLED WHEN PRINTED

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>

Sent: Sunday, August 22, 2021 4:40 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank

Subject:RE: NS Daily Update During Outages - 08/21Attachments:08-21-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz Generator Specialist Mark.rymarz1@ge.com Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/21/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
 Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
Blocking and tying bottom bars
Hydrogen seal lapping and blue check
Completed:
CE bottom bar block/tie complete
Continued TE bottom bar block/tie
➤ Continued setting SRS
3) Deviations from Program and Variances to the Scope:
4) Problems / Technical Issues:
Lightning Delay: 16:00 - 17:30.
5) <u>Items for Coordination with Others</u> :
6) Parts / Spares / Tooling Issues:
Material still shipping, items are on track for rewind
7) Actions in order of priority for Next Shift:
Continue TE blocking and tying bottom bars
Complete setting ripple springs
➤ Set up for bottom bar / connection rings Hipot ~ by phase groups
➤ Hipot connection rings and bottom bars
➤ Lay middle filler
> Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Install windings
10) Comments:
♣ GE Notes:
♣ TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Sunday, August 22, 2021 5:25 PM

To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)

Subject:DS Daily Turnover During Outages - 08/22Attachments:08-22-2021 TECO-Polk_Unit1_Turnover DS.pdf

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ΑII,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon. Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/22/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/I Day: Rob Weekley / Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
> Cutting middle filler
➢ Hipot connection rings ~ 64kV
Completed:
Completed blocking and tying bottom bars
➤ Completed installing SRS's
➤ Flew off bottom bar box
➢ Flew top bar box on dance floor
➤ Bottom bar Hipot ~ 66kV passed
3) Deviations from Program and Variances to the Scope:
4) Problems / Technical Issues:
Lightning Delay: 16:32 – 17:30.
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
Material still shipping, items are on track for rewind
7) Actions in order of priority for Next Shift:
➢ Hipot connection rings
> Cut middle filler
> Install middle filler'
➢ Glass tape RTD's
> Install top bars
Install bake oven to prep for post hipot megger
 Housekeeping QCP signoffs completed? Need to sign-off Quality Check Points:
0) QOI SIGNOTIS COMPTICION TACON LE SIGNOTION DE LA COMPTICION DE LA COMPT
Outstanding items (to complete at next opportunity) in order of priority:
Install windings
10) Comments:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Monday, August 23, 2021 4:29 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank

Subject: RE: NS Daily Update During Outages - 08/22
Attachments: 08-22-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184

Fax: 609-228-5019



Work scope: CCSR

GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 08/22/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:	
COVID procedures	
Housekeeping / Proper lifting techniques / Noise stress / Body positioning	
Weather- Heat / Lightning	
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles	
2) Summary of Progress:	
Initiated:	
> Cutting middle filler	
➤ Hipot connection rings ~ 64kV	
Completed:	
Completed Hipot of connection rings - SAT	
Cut and installed middle filler	
➢ Glass taped RTD's	
Started adding B-stage to intermediate rings	
Inserted bake oven into TE with fan shooting heat down core	
3) Deviations from Program and Variances to the Scope:	
\(\frac{1}{2}\)	
4) Problems / Technical Issues:	
Lightning Delay: none	
5) <u>Items for Coordination with Others</u> :	
6) Parts / Spares / Tooling Issues:	
Material still shipping, items are on track for rewind	
7) Actions in order of priority for Next Shift:	
> Perform post hipot meggers	
> Install intermediate rings	
> Start top bar installation	
> Housekeeping	
8) QCP signoffs completed? Need to sign-off Quality Check Points:	
9) Outstanding items (to complete at next opportunity) in order of priority:	
Install windings	
10) Comments:	
♣ <u>TECO-POLK Plant Notes</u> :	

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Monday, August 23, 2021 5:15 PM

To: Ortiz, Miguel A.; Bhatt, Sid; Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport,

Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams,

Tammy (FieldCore)

Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)

Subject: DS Daily Update During Outages - 08/23
Attachments: 08-23-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon. Meacham@ge.com





Work scope: CCSR

GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 08/23/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
➤ Installing radial rings
> Top bars
➤ Installing felt on radial rings ~ one ring left
Completed:
Cut top bar side ripple springs
Cut tails off bottom bar ties
Post bottom bar Hipot megger ~ Satisfactory
Tested RTD's after Hipot ~ Satisfactory
Cut all boards down for top bars
➤ Received GTG-1 RTD
3) Deviations from Program and Variances to the Scope:
4) Problems / Technical Issues:
Lightning Delay: 15:03 – 17:30.
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
Material still shipping, items are on track for rewind
7) Actions in order of priority for Next Shift:
> Install top bars
> Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Install windings
10) Comments:
♣ GE Notes:
♣ TECO-POLK Plant Notes:

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Sizemore, Ashley A.

Subject:

Attachments:

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Tuesday, August 24, 2021 4:27 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank

RE: NS Daily Update During Outages - 08/23 08-23-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover-



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

	The section of the se
Date: 08/23/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
> Installing radial rings
➤ Top bars
➤ Installing felt on radial rings ~ one ring left
Completed:
Completed installing intermediate rings
➤ Started top bar installation
3) Deviations from Program and Variances to the Scope:
Þ
4) Problems / Technical Issues:
Lightning Delay: None
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
Material still shipping, items are on track for rewind
7) Actions in order of priority for Next Shift:
> Install top bars
> Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Install windings
10) Comments:
♣ GE Notes:
→ TECO-POLK Plant Notes:

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20220001-EI Staff Hearing Exhibits 00674

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Tuesday, August 24, 2021 5:25 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Crotts, Mary; Dilport, Nate; Fowler, Bill R.;

Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.;

Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.;

Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update 8.24.2021 TECO Polk

Attachments: 08-24-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Continued assembling top bars & SRS

Michael Shanahan

PM – Regional Generator Specialist FieldCore

M +1 813 928 3581 Michael.Shanahan1@ge.com



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

	
Date: 08/24/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Jon Meacham
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
➤ Assembling Top Bars & SRS
Completed:
Received the vise grips
3) Deviations from Program and Variances to the Scope:
b
4) Problems / Technical Issues:
Lightning Delay: 16:25 – 17:30.
5) <u>Items for Coordination with Others</u> :
6) Parts / Spares / Tooling Issues:
•
7) Actions in order of priority for Next Shift:
> Install top bars
> Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Install windings
10) Comments:
<u>₲E Notes</u> :
♣ TECO-POLK Plant Notes:

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Sizemore, Ashley A.

Meacham, Jonathon (FieldCore) < Jonathon. Meacham@ge.com> From:

Wednesday, August 25, 2021 4:45 AM Sent:

Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian To:

L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Shanahan, Michael (FieldCore); Illgen, Scott (APM)

Cc: NS Daily Update During Outages - 08/24 Subject: 08-24-2021 TECO-Polk_Unit1_Turnover NS.pdf **Attachments:**

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/24/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Jon Meacham
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
 Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
> Top bars
Completed:
>
3) Deviations from Program and Variances to the Scope:
4) Problems / Technical Issues:
Lightning Delay: 18:00 – 20:45
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
Material still shipping, items are on track for rewind
7) Actions in order of priority for Next Shift:
➤ Install top bars
➢ Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Install windings
10) Comments:
♣ <u>GE Notes</u> :
<u>▼ TECO-POLK Plant Notes:</u>

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20220001-EI Staff Hearing Exhibits 00678

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Wednesday, August 25, 2021 4:48 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Crotts, Mary; Dilport, Nate; Fowler, Bill R.;

Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.;

Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.;

Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update 8.25 TECO Polk

Attachments: 08-25-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore

M +1 813 928 3581 Michael.Shanahan1@ge.com



Work scope: CCSR

GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 08/25/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Jon Meacham
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
> Assembling Top Bars & SRS
Placed 2 stripped (Packaging) Top bars onto sawhorses
Performed wedge map layout, the center wedge will split the centerline
Completed:
➤ Changed out Top bar boxes
Completed welding the insert for the lead way cover.
3) Deviations from Program and Variances to the Scope:
)
4) Problems / Technical Issues:
Lightning Delay: DS None
The belly band shims need to be corrected, order the Hytorc equipment so we can correct 5) Items for Coordination with Others:
5) Items for Coordination with Others.
O.D. d. (Constant Trailing Insuran
6) Parts / Spares / Tooling Issues:
A - time in and a - of exicutive few Newt Chiffy
7) Actions in order of priority for Next Shift:
> Install top bars
➤ Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Install windings
10) Comments:
↓ GE Notes:
♣ TECO-POLK Plant Notes:

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20220001-EI Staff Hearing Exhibits 00680

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Thursday, August 26, 2021 5:02 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Crotts, Mary; Dilport, Nate; Fowler, Bill R.;

Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.;

Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.;

Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update 8.26 TECO Polk

Attachments: 08-26-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



Work scope: CCSR

GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 08/26/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Jon Meacham
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/I Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
> Assembling Top Bars & SRS (8 bars)
> Positive Covid test for 1 person on nights
> Do to contact tracing we secured night shift and had everyone get in touch with there
manager and Core Health today. We are trying to replace the night shift crew by Sunday.
Mark Rymarz will be back on site for Sunday Night Shift
> The GS, 6 winders & 1 SSP are quarantine.
Day shift personal had no close contact with the person.
Friday we will not be working but will be back on-site Saturday DS
Completed:
>
3) Deviations from Program and Variances to the Scope:
)
4) Problems / Technical Issues:
Lightning Delay: 1600 - 1730
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
•
7) Actions in order of priority for Next Shift:
> Install top bars
> Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Install windings
10) Comments:
- GE Notes:

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♣ TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Saturday, August 28, 2021 5:06 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Crotts, Mary; Dilport, Nate; Fowler, Bill R.;

Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.;

Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.;

Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update 8.28 TECO Polk

Attachments: 08-28-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR

TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/28/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Rob Weekley /Josh Cabler	W/L Night: David Hansen / Frank Barnhart

1) <u>Safe</u>	ty Issues/ Concerns:
ı	VID procedures
1	usekeeping / Proper lifting techniques / Noise stress / Body positioning
	ather- Heat / Lightning
	ects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
	mary of Progress:
Initiate	
>	Assembling Top Bars & SRS
>	2 winders arrived this morning, 1 arrived at 1000 do to travel problems a required rest.
>	Night Shift scheduled to be here Sunday
>	Night Shift GS is traveling and will be on-site Sunday
Comp	leted:
>	
3) Devi	ations from Program and Variances to the Scope:
1	
4) Prot	olems / Technical Issues:
	Lightning Delay:
5) <u>Item</u>	s for Coordination with Others:
6) Part	s / Spares / Tooling Issues:
7) Action	ons in order of priority for Next Shift:
> Ins	tall top bars Sunday Dayshift
	usekeeping
8) <u>QCF</u>	signoffs completed? Need to sign-off Quality Check Points:
9) Outs	standing items (to complete at next opportunity) in order of priority:
6	Install windings
	-
10) Co	mments:
♦ GE	Notes:
♣ TE	CO-POLK Plant Notes:

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20220001-EI Staff Hearing Exhibits 00684

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Sunday, August 29, 2021 5:02 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Crotts, Mary; Dilport, Nate; Fowler, Bill R.;

Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.;

Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.;

Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: update 8.29 TECO Polk

Attachments: 08-29-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/29/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Kevin Brown / Barry Newman

1) Safe	ety Issues/ Concerns:
	OVID procedures
 Ho 	usekeeping / Proper lifting techniques / Noise stress / Body positioning
• We	eather- Heat / Lightning
	sects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
	nmary of Progress:
Initiate	
>	Assembling Top Bars & SRS
A	Emptied Bar box removed,
>	
>	Completed Belly bands shims, Bolt & Nut are welded
Comp	pleted:
>	Belly Band
3) Dev	iations from Program and Variances to the Scope:
→ <u>==</u>	
4) Pro	blems / Technical Issues:
	Lightning Delay: 1530
5) <u>Item</u>	ns for Coordination with Others:
6) <u>Par</u>	ts / Spares / Tooling Issues:
•	
7) <u>Acti</u>	ons in order of priority for Next Shift:
> Cc	ontinue Assembling Top Bars, Close up 5 remain
	usekeeping
8) QCI	signoffs completed? Need to sign-off Quality Check Points:
9) Out	standing items (to complete at next opportunity) in order of priority:
•	Install windings
	ALLOWER TO A CONTROL OF THE CONTROL
10) Co	mments:
	Notes:
→ TE	CO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>

Sent: Monday, August 30, 2021 4:26 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject:RE: NS Daily Update During Outages - 08/29Attachments:08-29-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover-



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184

Fax: 609-228-5019

1



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/29/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin/Dan Sullivan	W/L Night: Kevin Brown/Barry Newman

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
➤ Assembling Top Bars & SRS
Completed:
Closed up remaining top bars
➤ Setting top bar SRS
3) Deviations from Program and Variances to the Scope:
>
4) Problems / Technical Issues:
Lightning Delay: 1 hour
5) <u>Items for Coordination with Others</u> :
6) Parts / Spares / Tooling Issues:
•
7) Actions in order of priority for Next Shift:
> Complete block and ties top bars
➤ Complete SRS
➤ Hipot top and bottom bars
➢ Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Install windings
10) Comments:
10) Comments: 4 GE Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Monday, August 30, 2021 5:14 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts,

Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert,

Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update 8.30 TECO Polk

Attachments: 08-30-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/30/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:	\dashv
COVID procedures	ı
Housekeeping / Proper lifting techniques / Noise stress / Body positioning	ļ
Weather- Heat / Lightning	
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles	_
2) Summary of Progress:	-
Initiated:	\dashv
> Tying and blocking top bars	- 1
Off loaded truck for U3 outage	
> Seating SRS	
Completed:	
>	
3) Deviations from Program and Variances to the Scope:	
) Dornations not the state of t	
4) Problems / Technical Issues:	
Lightning Delay:	
5) Items for Coordination with Others:	
6) Parts / Spares / Tooling Issues:	
•	
7) Actions in order of priority for Next Shift:	
➢ Continue blocking & tying	
Continue setting SRS	
> Housekeeping	
8) QCP signoffs completed? Need to sign-off Quality Check Points:	
9) Outstanding items (to complete at next opportunity) in order of priority:	
Top & Bottom Hipot 64.6 KVDC	
• Wedge	
10) Comments:	
♣ GE Notes:	
→ TECO-POLK Plant Notes:	
TEOOT OLIVI MINISTROLOGI	

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>

Sent: Tuesday, August 31, 2021 4:15 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: RE: NS Daily Update During Outages - 08/30
Attachments: 08-30-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/30/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:		
COVID procedures		
 Housekeeping / Proper lifting techniques / Noise stress / Body positioning 		
Weather- Heat / Lightning		
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles		
2) Summary of Progress:		
Initiated:		
> Tying and blocking top bars		
Off loaded truck for U3 outage		
> Seating SRS		
Completed:		
> Completed seating SRS		
Continued tying and blocking top bars		
3) Deviations from Program and Variances to the Scope:		
) ————————————————————————————————————		
4) Problems / Technical Issues:		
Lightning Delay: 1 hour		
5) Items for Coordination with Others:		
6) Parts / Spares / Tooling Issues:		
•		
7) Actions in order of priority for Next Shift:		
> Complete blocking & tying		
➢ Hipot top and bottom bars		
> Housekeeping		
8) QCP signoffs completed? Need to sign-off Quality Check Points:		
9) Outstanding items (to complete at next opportunity) in order of priority:		
Top & Bottom Hipot 64.6 KVDC		
Wedge		
10) Comments:		
↓ GE Notes:		
♣ TECO-POLK Plant Notes:		

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Tuesday, August 31, 2021 12:49 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts,

Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert,

Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update

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All bars have been assembled/blocked & tied

Currently have placed the Bake Oven on the Unit to improve Megger readings for testing. Requirement for testing is 1Gohms in 1 minute @5000vdc

Michael Shanahan

PM – Regional Generator Specialist FieldCore

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Tuesday, August 31, 2021 5:29 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts,

Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert,

Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update 8.31 TECO Polk

Attachments: 08-31-2021 TECO-Polk_Unit1_Turnover DS.pdf; TECO Polk CCSR High Voltage Testing

Summary.pdf

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Migue

We will install Slot couplers tomorrow, if you want to see it

Results for the Hipot test is attached

Michael Shanahan

PM – Regional Generator Specialist FieldCore

M +1 813 928 3581

Michael.Shanahan1@ge.com

SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/31/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:		
COVID procedures		
Housekeeping / Proper lifting techniques / Noise stress / Body positioning		
Weather- Heat / Lightning		
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles		
2) Summary of Progress:		
Initiated:		
Material on deck to start wedging		
Completed:		
> Inspected SRS		
Completed tying Top & Bottom Bars		
➢ Blew out core		
Performed Top & Bottom bar Hipot at 64.6 KVDC & Meggers Satisfactory		
 Check RTD's Post Hipot Satisfactory 		
3) Deviations from Program and Variances to the Scope:		
>		
4) <u>Problems / Technical Issues</u> :		
Lightning Delay:		
5) <u>Items for Coordination with Others</u> :		
6) Parts / Spares / Tooling Issues:		
L Straps order from Gerome & PCT, partial shipment on Monday		
7) Actions in order of priority for Next Shift:		
➤ Verify wedge layout		
➤ Start setting center wedges		
> Perform bar movement checks		
➢ Housekeeping		
➢ Housekeeping		
➢ Housekeeping		
Housekeeping OCP signoffs completed? Need to sign-off Quality Check Points:		
Housekeeping QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority:		
Housekeeping QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority:		
Housekeeping QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Wedge		

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SUPPLEMENTAL: APRIL 14, 2022

High Voltage	Test Res	ults (S	ummar	y) - Polk -	<u> Unit 1 - 33</u>	7X011
HVB & Connection Rings Te	st Results @					
, Inc.		Leakage	Reactor	Pre Hipot	Post Hipot	D . /="
Condition	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1,T2,T3,T4,T5,T6	64.6 KVDC	500 ua	NA	11300 Mohms	29600M	7/29/2021 1100
T1 - T4 (A)	64.6 KVDC	75 ua	NA	73000 Mohms		8.23.2021 08:00
T2 - T5 (B)	64.6 KVDC	115 ua	NA			8.23.2021 08:00
T3 - T6 (C)	64.6 KVDC	100 ua	NA		84600 Mohms	8.23.2021 08:00
Bottom Bar Hi-pot Test Res	ults @ 66.3					
:		Output	Reactor	Pre Hipot	Post Hipot	
Bottom Bars in The Slot	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 - T4 (A) (26-35 / 56-5)	66 KVDC	500 ua	NA	1100 Mohms	1150 Mohms	8.23.2021 08:00
T2 - T5 (B) (46-55 / 16-25)	66 KVDC	400 ua	NA	1210 Mohms	1440 Mohms	8.23.2021 08:00
T3 - T6 © (6-15 / 36-45)	66 KVDC	400 ua	NA	1510 Mohms		8.23.2021 08:00
Top & Bottom Bar Pre-Wed	ge Hi-pot Te					(2E + 2000)
		Leakage	Reactor	Pre Hipot	Post Hipot	
Top/Bottom Bars in The Slot	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 (A)	64.6 KVDC	130 ua		1080 Mohms		8/31/21 1600
T2 (B)	64.6 KVDC	80 ua		1560 Mohms		8/31/21 1600
T3 (C)	64.6 KVDC	60 ua		1120 Mohms	2920 Mohms	8/31/21 1600
T4 (A)	64.6 KVDC	145 ua		1270 Mohms	2460 Mohms	8/31/21 1600
T5 (B)	64.6 KVDC	210 ua		1010 Mohms	2180 Mohms	8/31/21 1600
T6 (C)	64.6 KVDC	130 ua		2480 Mohms	2760 Mohms	8/31/21 1600
Top & Bottom Bar Post-We	dge Hi-pot T	est Result	s @ 63 KV	DC for 1 Minut	e (2E + 1500)	OPTIONAL)
	1	Output	Reactor	Pre Hipot	Post Hipot	
Top/Bottom Bars in The Slot	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 (A)	Tool Foreign					
T2 (B)						
T3 (C)						
T4 (A)						
T5 (B)						
T6 (C)		<u> </u>				
10 (C)						
Final Assembly DC Leakage	Posults @ /2	PE) or 36 K	VDC	L		
Tillal Assembly DC Leakage	Mesuits @ (2	Leakage	Reactor	Pre Hipot	Post Hipot	
Final	Took Voltons	-			·	Data / Time a
Final	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 -T4	 					
T2 - T5						
T3 - T6	na Dagula d	S (4 FF 4	71 00 45 0	WIDG for 4 2 2		
Final Assembly DC Hi-pot To	est Kesults @		the state of the s			
	<u> </u>	Leakage	Reactor	Pre Hipot	Post Hipot	
Final	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 -T4						
T2 - T5						
T3 - T6						
Final Assembly Hi-pot Test	Results @ 63			<u> </u>		
		Output	Reactor	Pre Hipot	Post Hipot	
Final	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 -T4						
T2 - T5						
T3 - T6						
10						
	 					

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Tuesday, August 31, 2021 9:05 PM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: RE: NS Daily Update During Outages - 08/31 **Attachments:** 08-31-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

	CALLEY AT 14
Date: 08/31/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L. Day: Phil Riverin / Dan Sullivan	W/L Night: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
Material on deck to start wedging
Completed:
Crew sent home due to suspect covid case of one of the winder crew.
· · · · · · · · · · · · · · · · · · ·
3) Deviations from Program and Variances to the Scope:
<u> </u>
4) Problems / Technical Issues:
Lightning Delay:
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
L Straps order from Gerome & PCT, partial shipment on Monday
7) Actions in order of priority for Next Shift:
Verify wedge layout
> Start setting center wedges
Perform bar movement checks
➢ Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding Items (to complete at next opportunity) in order of priority:
Wedge
· · · · · · · · · · · · · · · · · · ·
10) Comments:
GE Notes:
★ TECO-POLK Plant Notes:
1200 TOLIC TIGIN MOTOR

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Wednesday, September 1, 2021 4:51 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts,

Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert,

Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update 9.1 TECO Polk

Attachments: 09-01-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore

SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 08/31/2021 Shift: Day	Shift: Night Quarantined
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Kevin Brown / Barry Newman

4) Safaty January Company
1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
> Started setting Center wedges
➤ Assembling SSC (Stator Slot Couplers)
Completed:
>
3) Deviations from Program and Variances to the Scope:
4) Problems / Technical Issues:
Lightning Delay: 0700-0825 / 1200-1330 / 1420-1515 /
5) Items for Coordination with Others:
Winder completed PCR test @ 1500, 3 to 5 days for testing results. Until results come back NS is
quarantined
6) Parts / Spares / Tooling Issues:
 L Straps order from Gerome & PCT, partial shipment picked up Tuesday Hot Shot NCR-20210901-
1273 Bar lineup problems required modified Series Loop Straps / ER-20210831-0793 Axial mis-
alignment between top & bottom bars
7) Actions in order of priority for Next Shift: No Night Shift
➤ Continue wedging
Perform bar movement checks
Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
y got digitatio completed i from to digit-off guarity officer i diffe.
O) Outstanding items (to sometime at next annual units) in order of pull-life
9) Outstanding items (to complete at next opportunity) in order of priority:
Wedge
10) Comments:
♣ GE Notes:
♣ TECO-POLK Plant Notes:
TEOOT OLIVINGILIANIES.

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20220001-EI Staff Hearing Exhibits 00700

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Thursday, September 2, 2021 5:22 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts,

Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert,

Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Cc: Berger, Greg (FieldCore)
Subject: Update 9.2 TECO Polk

Attachments: 09-02-2021 TECO-Polk_Unit1_Turnover DS.pdf

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We will have a NS starting tomorrow night (2 winders). Additional winder arriving Saturday and 2 more on Sunday

Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Work scope: CCSR

Date: 09/2/2021 Shift: Day	Shift: Night Quarantined	
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz	
Day Shift GS:		
Day Shift OJT GS:	Night Shift OJT GS:	
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Kevin Brown / Barry Newman	

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Completed bar movement checks on CE

Completed:

- > Completed setting Center wedges
- > Removed RTD glands

3) Deviations from Program and Variances to the Scope:

•

4) Problems / Technical Issues:

Lightning Delay:

5) Items for Coordination with Others:

Winder completed PCR test @ 1500, 3 to 5 days for testing results. Until results come back NS is quarantined

We are going to have 2 winders coming in tomorrow NS, remaining replacement winders arriving Saturday & Sunday

6) Parts / Spares / Tooling Issues:

 L Straps order from Gerome & PCT, partial shipment picked up Tuesday Hot Shot NCR-20210901-1273 Bar lineup problems required modified Series Loop Straps / ER-20210831-0793 Axial misalignment between top & bottom bars

7) Actions in order of priority for Next Shift: No Night Shift

- Continue wedging
- Perform bar movement checks TE
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

Wedge

10) Comments:

- **▼** TECO-POLK Plant Notes:

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Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Friday, September 3, 2021 5:01 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts,

Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert,

Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: update 9.3 TECO Polk

Attachments: 09-03-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



Work scope: CCSR

GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 09/3/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/I Day: Phil Riverin / Dan Sullivan	W/L Night: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- Continued wedging
- > Started replace the Gas RTD's

Completed:

> 40 L series loop straps arrived from Gerome

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 1425-1730

5) Items for Coordination with Others:

Winder completed PCR test @ 1500, 3 to 5 days for testing results. Until results come back NS is quarantined

We are going to have 2 winders coming tonight NS, remaining replacement winders arriving Saturday & Sunday

6) Parts / Spares / Tooling Issues:

 L Straps order from Gerome & PCT, partial shipment picked up Tuesday Hot Shot NCR-20210901-1273 Bar lineup problems required modified Series Loop Straps / ER-20210831-0793 Axial misalignment between top & bottom bars

7) Actions in order of priority for Next Shift: 2 winders, GS, SSP

- Continue wedging
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

Wedge

10) Comments:

- <u>▼ TECO-POLK Plant Notes:</u>

GE PROPRIETARY
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20220001-EI Staff Hearing Exhibits 00704

TAMPA ELECTRIC COMPANY DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Saturday, September 4, 2021 5:00 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.;

Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.;

Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update 9.4 TECO Polk

Attachments: 09-04-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/4/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- > Continued wedging, Body wedges completed.
- > Started fitting phase straps & series loop straps
- Routed slot RTD wires thru conduit
- > Moved the empty Stator bar Boxes & Connection ring boxes to Unit 5 Lay down area

Completed:

- Completed replacing the Gas RTD's
- 3) Deviations from Program and Variances to the Scope:

•

4) Problems / Technical Issues:

Lightning Delay:

- 5) Items for Coordination with Others:
- 6) Parts / Spares / Tooling Issues:
 - Hot Shot picking up L straps Tuesday
- 7) Actions in order of priority for Next Shift: 3 winders, GS, SSP
- Start on End Wedges wedging
- Start wedge map
- Housekeeping
- 8) QCP signoffs completed? Need to sign-off Quality Check Points:
- 9) Outstanding items (to complete at next opportunity) in order of priority:
 - Wedge

10) Comments:

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Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>

Sent: Sunday, September 5, 2021 4:52 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: RE: NS Daily Update During Outages - 09/04
Attachments: 09-04-2021 TECO-Polk Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184

Fax: 609-369-6184



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/4/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Bryce Cloward

A) Cofebration of Companyon
1) Safety Issues/ Concerns:
 COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress: Initiated:
Completed end wedge installation
> Completed end wedge installation
Completed:
➤ Completed replacing the Gas RTD's
3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 2.5 hours
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
Hot Shot picking up L straps Tuesday
7) Actions in order of priority for Next Shift: 3 winders, GS, SSP
➤ Perform Hipot
> Perform Elcid
> Start wedge map
→ Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Wedge
10) Comments:
♣ GE Notes:
→ TECO-POLK Plant Notes:

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Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Sunday, September 5, 2021 4:48 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.;

Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.;

Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update 9.5 TECO Polk

Attachments: 09-05-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/5/2021 Shift: Day	Shift: Night			
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz			
Day Shift GS:				
Day Shift OJT GS:	Night Shift OJT GS:			
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Kevin Brown / Barry Newman			

1) Safety Issues/ Concerns:

- · COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles
- EE tripped and fell, hurt his right hip. Everyone notified EE was sent to Bay Care Urgent Care
 in Lakeland, FL. He is going to return with restrictions.

2) Summary of Progress:

Initiated:

- > End Wedges are installed they still need to have the pins epoxied.
- > Setting up for Final Elcid test

Completed:

- Setup for Post wedge Hipot test @ 63 KVDC, megger reading were lower. Put heat on it for 3 hrs.
- > Completed Hipot test & Pre / Post Meggers Satisfactory (results attached)
- > Performed post checks for RTD's & SSC

3) Deviations from Program and Variances to the Scope:

__

4) Problems / Technical Issues:

Lightning Delay:

5) Items for Coordination with Others:

6 winders for NS, Dave Hansen returning tonight

6) Parts / Spares / Tooling Issues:

Hot Shot picking up L straps Tuesday

7) Actions in order of priority for Next Shift:

- Perform Elcid
- Start wedge map
- Blow out core & Paint
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

Elcid / Wedge Map / Paint Core

10) Comments:

- ★ TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Monday, September 6, 2021 4:51 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: RE: NS Daily Update During Outages - 09/05 **Attachments:** 09-05-2021 TECO-Polk Unit1_Turnover NS.pdf

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See attached NS Daily turnover-



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184

Fax: 609-228-5019

SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/5/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles
- EE tripped and fell, hurt his right hip. Everyone notified EE was sent to Bay Care Urgent Care
 in Lakeland, FL. He is going to return with restrictions.
- 2) Summary of Progress:

Initiated:

- > End Wedges are installed they still need to have the pins epoxied.
- > Setting up for Final Elcid test

Completed:

- Performed Elcid SAT/Dec file is in the box
- > Pinned and epoxied endwedges
- > Completed wedge tap SAT/CSV file is in the box
- > Blew down core and vacuumed out belly of generator
- > Masked off core and painted
- 3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay:

- 5) <u>Items for Coordination with Others</u>:
- 5 winders tonight/Francisco to arrive tomorrow night

6) Parts / Spares / Tooling Issues:

Hot Shot picking up L straps Tuesday

7) Actions in order of priority for Next Shift:

- > Complete fit-up of series and phase connections
- Start brazing
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

Elcid / Wedge Map / Paint Core

10) Comments:

♣ GE Notes.

♣ TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) < Michael.Shanahan1@ge.com>

Sent: Sunday, September 5, 2021 5:01 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.;

Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.;

Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Subject: Update 9.5.2021 Testing Summary

Attachments: TECO Polk CCSR High Voltage Testing Summary 9.5.2021.pdf

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Michael Shanahan

PM – Regional Generator Specialist FieldCore

High Voltage	lest Res	ults (Si	ummar	y) - POIK -	unit 1 - 33	78017
VB & Connection Rings Te	est Results @					
		Leakage	Reactor	Pre Hipot	Post Hipot	D-4- /Ti
Condition	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1,T2,T3,T4,T5,T6	64.6 KVDC	500 ua	NA	11300 Mohms	29600M	7/29/2021 1100
T1 - T4 (A)	64.6 KVDC	75 ua	NA	73000 Mohms		8.23.2021 08:00
T2 - T5 (B)	64.6 KVDC	115 ua	NA			8.23.2021 08:00
T3 - T6 (C)	64.6 KVDC	100 ua	NA	81600 Mohms	84600 Mohms	8.23.2021 08:00
Bottom Bar Hi-pot Test Res	ults @ 66.3 l					
	\	Output	Reactor	Pre Hipot	Post Hipot	
Bottom Bars in The Slot	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
1 - T4 (A) (26-35 / 56-5)	66 KVDC	500 ua	NA	1100 Mohms	1150 Mohms	8.23.2021 08:00
2 - T5 (B) (46-55 / 16-25)	66 KVDC	400 ua	NA	1210 Mohms	1440 Mohms	8.23.2021 08:00
3 - T6 © (6-15 / 36-45)	66 KVDC	400 ua	NA	1510 Mohms		8.23.2021 08:00
op & Bottom Bar Pre-Wed	lge Hi-pot Te	st Results	@ 38 KVA	C or 64.6 KVD	C for 1 Minute	(2E + 2000)
		Leakage	Reactor	Pre Hipot	Post Hipot	
Top/Bottom Bars in The Slot	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 (A)	64.6 KVDC	130 ua		1080 Mohms		8/31/21 1600
T2 (B)	64.6 KVDC	80 ua		1560 Mohms		8/31/21 1600
T3 (C)	64.6 KVDC	60 ua		1120 Mohms		8/31/21 1600
T4 (A)	64.6 KVDC	145 ua		1270 Mohms	2460 Mohms	8/31/21 1600
T5 (B)	64.6 KVDC	210 ua		1010 Mohms	2180 Mohms	8/31/21 1600
T6 (C)	64.6 KVDC	130 ua		2480 Mohms	2760 Mohms	8/31/21 1600
op & Bottom Bar Post-We	dge Hi-pot T	est Result	s @ 63 KV	DC for 1 Minut	e (2E + 1500)(OPTIONAL)
		Output	Reactor	Pre Hipot	Post Hipot	
Top/Bottom Bars in The Slot	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 (A)	63 KVDC	80 ua	- Cup/v	2860 Mohms	3300 Mohms	9/5/2021 1600
T2 (B)	63 KVDC	130 ua		3060 Mohms	2940 Mohms	9/5/2021 1600
	63 KVDC	120 ua		2700 Mohms	2760 Mohms	9/5/2021 1600
T3 (C)	63 KVDC	110 ua		3420 Mohms	2800 Mohms	9/5/2021 1600
T4 (A)		110 ua		2780 Mohms	2780 Mohms	9/5/2021 1600
T5 (B)	63 KVDC	110 ua		3260 Mohms	3140 Mohms	9/5/2021 1600
T6 (C)	63 KVDC	110 ua		3200 1010111115	3140 1010111113	3/3/2021 1000
- LA	Doculto @ /2	15) or 26 V	VDC			
Final Assembly DC Leakage	Results @ (2			Due Himet	Post Hipot	
		Leakage	Reactor	Pre Hipot	1	Data / Time
Final	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 -T4						
T2 - T5						
T3 - T6						L
inal Assembly DC Hi-pot T	est Results @					
		Leakage	Reactor	Pre Hipot	Post Hipot	
Final	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 -T4						
T2 - T5						
T3 - T6						
inal Assembly Hi-pot Test	Results @ 63	KVDC for	r 1 Minute	(2E + 1000)		
		Output	Reactor	Pre Hipot	Post Hipot	
Final	Test Voltage	Current	Gap%	Megger	Megger	Date / Time
T1 -T4	1		1		1	
T2 - T5	+		<u> </u>			
T3 - T6	+		<u> </u>	<u> </u>		
13-10	ļ					-

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Monday, September 6, 2021 5:07 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power);

Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Cc: Illgen, Scott (APM)

Subject:DS Daily Update During Outages - 09/06Attachments:09-06-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Αll

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon. Meacham@ge.com





GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/6/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles
- EE returned to work that fell yesterday and was able to work all day without any issues.

2) Summary of Progress:

Initiated:

- Setting up for brazing
- > Cleaning generator belly

Completed:

- Ran torch lines
- Cut cooper net for brazing
- > Cut L-plates for CE ~ 7 sets were used and are stamped with slot numbers
- Cut L-plates for TE ~ Slots 13 -31 are stamped with slot numbers

3) Deviations from Program and Variances to the Scope:

)

4) Problems / Technical Issues:

Lightning Delay: 12:00 - 14:30, 16:00 - 17:30

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Hot Shot picking up L straps Tuesday
- Slots 31 55 need more L-plates

7) Actions in order of priority for Next Shift:

- Snoop torch lines
- Finish packing cooper net
- Clean copper straps
- > Clean bar clips in preparation for brazing

Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

Braze series straps, Braze phase strap,

10) Comments:

TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Tuesday, September 7, 2021 4:22 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject:RE: NS Daily Update During Outages - 09/06Attachments:09-06-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019

SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date : 09/6/2021 Shift : Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen/Sterling Taylor

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles
- EE returned to work that fell yesterday and was able to work all day without any issues.

2) Summary of Progress:

Initiated:

- Setting up for brazing
- Cleaning generator belly

Completed:

- Completed packing cooper knit / added the fire tape on all the bars
- Cleaned all the series straps
- > Started sweating bar clips/CE ~65% complete/TE ~80% complete

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 1hr 45 min

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Hot Shot picking up L straps Tuesday
- Slots 31 55 need more L-plates

7) Actions in order of priority for Next Shift:

- Complete cleaning bar clips for brazing
- Verify generator drains are clear before installing coolers
- Start brazing connections
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

Braze series straps, Braze phase strap,

10) Comments:

- GE Notes.
- TECO-POLK Plant Notes:

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Tuesday, September 7, 2021 5:45 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power);

Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)

Cc: Illgen, Scott (APM)

Subject:DS Daily Update During Outages - 09/07Attachments:09-07-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed today.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





Work scope: CCSR

GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 09/7/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/I Day Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen

1) Safety Issues/ Concerns:	
COVID procedures	
Housekeeping / Proper lifting techniques / Noise stress / Body positioning	
Weather- Heat / Lightning	
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles	
2) Summary of Progress:	
Initiated:	
➢ Setting up for brazing	
Assembling RTD glands	
Completed:	
> Cleaning bar clips on CE	
➤ Cleaning straps for CE	
> Removing epoxy from CE and TE bar clips	
Cleaning generator belly	
3) Deviations from Program and Variances to the Scope:	
b	
4) Problems / Technical Issues:	
Lightning Delay: 12:30 - 13:05, 15:08 - 17:00	
5) Items for Coordination with Others:	
6) Parts / Spares / Tooling Issues:	
Hot Shot picked up 50 L straps today	
7) Actions in order of priority for Next Shift:	
➤ Clean copper straps ~ TE	
Clean bar clips in preparation for brazing ~ TE	
Start brazing ~ CE	
> Housekeeping	
8) QCP signoffs completed? Need to sign-off Quality Check Points:	
9) Outstanding items (to complete at next opportunity) in order of priority:	
Braze series straps, Braze phase strap,	
(A) (C	
10) Comments:	
# GE Notes:	
★ <u>TECO-POLK Plant Notes</u> :	

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>

Sent: Wednesday, September 8, 2021 3:44 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: RE: NS Daily Update During Outages - 09/07 **Attachments:** 09-07-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz Generator Specialist Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/7/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen/ Sterling Taylor

1) Safety Issues/ Concerns:	
COVID procedures	
 Housekeeping / Proper lifting technique 	es / Noise stress / Body positioning
Weather- Heat / Lightning	
 Insects (Bees/Wasp/Spiders/Mosquitos 	s) – Reptiles
2) Summary of Progress:	
Initiated:	
> Setting up for brazing	
Assembling RTD glands	
Completed:	I Such and a supportion of a support
➤ Started brazing CE – 13 series and	5 phase connections complete
Cleaned TE bars for brazing	
Started brazing TE – 15 series con	
3) Deviations from Program and Variance	es to the Scope:
4) Problems / Technical Issues:	
Lightning Delay: None	
5) Items for Coordination with Others:	
6) Parts / Spares / Tooling Issues:	
 Hot Shot picked up 50 L straps today 	
9	
7) Actions in order of priority for Next S	hift:
➢ Continue brazing CE/TE	
Housekeeping	
8) QCP signoffs completed? Need to sign	n-off Quality Check Points:
9) Outstanding items (to complete at ne	xt opportunity) in order of priority:
Braze series straps, Braze phase strap	
10) Comments:	
♣ GE Notes:	
♣ TECO-POLK Plant Notes:	

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Wednesday, September 8, 2021 5:01 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony

(FieldCore)

Subject:DS Daily Update During Outages - 09/08Attachments:09-08-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/8/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles
2) Summary of Progress:
Initiated:
Assembled RTD glands applied first torque
Cleaning on generator coolers
Continued brazing
Completed:
Removed bake oven from cooler scaffolding and relocated to dance floor
3) Deviations from Program and Variances to the Scope:
)
4) Problems / Technical Issues:
Lightning Delay: 16:00 – 17:30
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
Received the last of the L-straps
•
7) Actions in order of priority for Next Shift:
Continue brazing Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
of additions completed. Heed to sign on educity shock (sinte.
9) Outstanding items (to complete at next opportunity) in order of priority:
Braze series straps, Braze phase strap,
10) Comments:
♣ <u>GE Notes</u> :
<u>▼ TECO-POLK Plant Notes</u> :

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Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>

Sent: Friday, September 10, 2021 5:24 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony

(FieldCore); Illgen, Scott (APM)

Subject:DS Daily Update During Outages - 09/10Attachments:09-10-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Thanks,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/10/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/I Day: Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Reflowing TE braze connections > Cogebi CE top bars Completed: > Installed tent over field > Tested common gas RTD #24 > Performed inspection on TE and CE braze connections ~ Touch up brazing > Reflowed three straps on CE > Shipped El-Cid and wedge tapper 3) Deviations from Program and Variances to the Scope: 4) Problems / Technical Issues: Lightning Delay: 13:15 - 17:30 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Received the last of the L-straps from PCT 7) Actions in order of priority for Next Shift: Continue touch up brazing TE Continue Cogebi on CE Start capping Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Finish brazing TE, Installing Caps, Install Blocking 10) Comments: GE Notes:

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TECO-POLK Plant Notes:

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Saturday, September 11, 2021 5:32 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony

(FieldCore); Illgen, Scott (APM)

Subject: DS Daily Update During Outage - 09/11

Attachments: 09-11-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see turnover for work completed.

Best Regards,

Jon Meacham Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon. Meacham@ge.com





GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/11/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:	
COVID procedures	
Housekeeping / Proper lifting techniques / Noise stress / Body positioning	
Weather- Heat / Lightning	
 Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles 	
2) Summary of Progress:	
Initiated:	
Cleaning TE series brazes	
Completed:	
➤ Tying CE caps ~ Applying heat to cure ties	
➢ Brazing TE series straps	
3) Deviations from Program and Variances to the Scope:	
4) Problems / Technical Issues:	
Lightning Delay:	
5) Items for Coordination with Others:	
6) Parts / Spares / Tooling Issues:	
•	
•	
7) Actions in order of priority for Next Shift:	
Clean TE series brazes	
➤ Measure insulation coverage of cap ~ TE	
Apply Cogebi to areas that need it per OSR ~ TE	
➤ Start capping ~ TE	
> Insulate phase connections ~ CE	
➤ Housekeeping	
8) QCP signoffs completed? Need to sign-off Quality Check Points:	
9) Outstanding items (to complete at next opportunity) in order of priority:	
Installing Caps, Install Blocking,	
10) Comments:	
LES Bump Test Tech will be onsite Tuesday	
→ GE Notes:	
→ TECO-POLK Plant Notes:	

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Sunday, September 12, 2021 5:40 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony

(FieldCore); Illgen, Scott (APM)

Subject: DS Daily Update During Outages - 09/12
Attachments: 09-12-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/12/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Sefety Issued Concerns:
1) Safety Issues/ Concerns:
COVID procedures Hand to the series of Procedure State of Procedures of Proc
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles
2) Summary of Progress:
Initiated:
> Changing out loose bar ties ~ CE
Completed:
> Insulating CE phase straps
➤ Staged TE bake oven on scaffolding
➢ Applied Cogebi to TE
> Installed Flux Probe
3) Deviations from Program and Variances to the Scope:
4) Problems / Technical Issues:
Lightning Delay:
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
•
9
7) Actions in order of priority for Next Shift:
Continue replacing the bar ties on CE
➤ Install caps on TE
> Replace bar ties on TE
➤ Make bake covers for CE and TE
> Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Installing Caps, Install Blocking, Bake
10) Comments:
LES Bump Test Tech will be onsite Tuesday
♣ <u>GE Notes</u> :
♣ <u>TECO-POLK Plant Notes</u> :

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Thursday, September 9, 2021 3:36 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject:RE: NS Daily Update During Outages - 09/08Attachments:09-08-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/8/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: Assembled RTD glands applied first torque > Cleaning on generator coolers Continued brazing Completed: Continued brazing > Started fitting up the BTM bar phase straps > Started cleaning TE completed braze joints 3) Deviations from Program and Variances to the Scope: 4) Problems / Technical Issues: **Lightning Delay: None** 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Received the last of the L-straps 7) Actions in order of priority for Next Shift: Continue brazing Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Braze series straps, Braze phase strap, 10) Comments: CE ~ 2 series and 6 bottom phase straps remaining TE ~ 20 remaining straps GE Notes: TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Thursday, September 9, 2021 5:11 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony

(FieldCore); Illgen, Scott (APM)

Subject: DS Daily Updates During Outages - 09/09
Attachments: 09-09-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon. Meacham@ge.com





GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/9/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen

A) O f to be seed Conserved
1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles
2) Summary of Progress:
Initiated:
> Continued brazing
Completed:
Received the field from the shop and performed acceptance Megger ~ Satisfactory
> Tarped field
3) Deviations from Program and Variances to the Scope:
4) Problems / Technical Issues:
Lightning Delay: 12:35 – 13:15, 13:30 – 17:30
5) <u>Items for Coordination with Others</u> :
6) Parts / Spares / Tooling Issues:
Received the last of the series straps
7) Actions in order of priority for Next Shift:
> Continue brazing
➢ Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Braze series straps, Braze phase strap,
10) Comments:
8
♣ GE Notes:
↓ TECO-POLK Plant Notes:

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20220001-EI Staff Hearing Exhibits 00734

TAMPA ELECTRIC COMPANY **DOCKET NO. 20220001-EI OPC'S FIRST REQUEST FOR PODS FILED: APRIL 8, 2022 SUPPLEMENTAL: APRIL 14, 2022**

Sizemore, Ashley A.

From:

Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent:

Friday, September 10, 2021 3:59 AM

To:

Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: **Attachments:** RE: NS Daily Update During Outages - 09/09 09-09-2021 TECO-Polk_Unit1_Turnover NS.pdf

See attached NS Daily turnover.



Mark Rymarz **Generator Specialist** Mark.rymarz1@ge.com Cell: 609-569-6184

Fax: 609-228-5019



Work scope: CCSR

GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Date: 09/9/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen/ Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) — Reptiles 2) Summary of Progress: Initiated: Continued brazing Completed: Completed brazing CE and inspected Released CE for cooper knit removal and started cleaning Completed brazing TE. Inspection still needs to be completed Cut patch for insulating/stored in bins in the SSL 3) Deviations from Program and Variances to the Scope: Lightning Delay: None 5) Items for Coordination with Others:
 Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) — Reptiles 2) Summary of Progress: Initiated: Continued brazing Completed: Completed brazing CE and inspected Released CE for cooper knit removal and started cleaning Completed brazing TE. Inspection still needs to be completed Cut patch for insulating/stored in bins in the SSL 3) Deviations from Program and Variances to the Scope: Problems / Technical Issues:
Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) → Reptiles 2) Summary of Progress: Initiated: ➤ Continued brazing Completed: ➤ Completed brazing CE and inspected ➤ Released CE for cooper knit removal and started cleaning ➤ Completed brazing TE. Inspection still needs to be completed ➤ Cut patch for insulating/stored in bins in the SSL 3) Deviations from Program and Variances to the Scope: ➤ Lightning Delay: None
Insects (Bees/Wasp/Spiders/Mosquitos) — Reptiles Distributed: Distribu
2) Summary of Progress: Initiated: Completed: Completed brazing CE and inspected Released CE for cooper knit removal and started cleaning Completed brazing TE. Inspection still needs to be completed Cut patch for insulating/stored in bins in the SSL 3) Deviations from Program and Variances to the Scope: Problems / Technical Issues: Lightning Delay: None
Initiated: ➤ Continued brazing Completed: ➤ Completed brazing CE and inspected ➤ Released CE for cooper knit removal and started cleaning ➤ Completed brazing TE. Inspection still needs to be completed ➤ Cut patch for insulating/stored in bins in the SSL 3) Deviations from Program and Variances to the Scope: ↓ 4) Problems / Technical Issues: Lightning Delay: None
Initiated: ➤ Continued brazing Completed: ➤ Completed brazing CE and inspected ➤ Released CE for cooper knit removal and started cleaning ➤ Completed brazing TE. Inspection still needs to be completed ➤ Cut patch for insulating/stored in bins in the SSL 3) Deviations from Program and Variances to the Scope: ► 4) Problems / Technical Issues: Lightning Delay: None
> Continued brazing Completed: > Completed brazing CE and inspected > Released CE for cooper knit removal and started cleaning > Completed brazing TE. Inspection still needs to be completed > Cut patch for insulating/stored in bins in the SSL 3) Deviations from Program and Variances to the Scope: ↓ 4) Problems / Technical Issues: Lightning Delay: None
Completed: Completed brazing CE and inspected Released CE for cooper knit removal and started cleaning Completed brazing TE. Inspection still needs to be completed Cut patch for insulating/stored in bins in the SSL Deviations from Program and Variances to the Scope: Problems / Technical Issues: Lightning Delay: None
 ➤ Completed brazing CE and inspected ➤ Released CE for cooper knit removal and started cleaning ➤ Completed brazing TE. Inspection still needs to be completed ➤ Cut patch for insulating/stored in bins in the SSL 3) Deviations from Program and Variances to the Scope: ► 4) Problems / Technical Issues: Lightning Delay: None
 ➤ Released CE for cooper knit removal and started cleaning ➤ Completed brazing TE. Inspection still needs to be completed ➤ Cut patch for insulating/stored in bins in the SSL 3) Deviations from Program and Variances to the Scope: ► 4) Problems / Technical Issues: Lightning Delay: None
 Completed brazing TE. Inspection still needs to be completed Cut patch for insulating/stored in bins in the SSL 3) <u>Deviations from Program and Variances to the Scope:</u> Problems / Technical Issues: Lightning Delay: None
> Cut patch for insulating/stored in bins in the SSL 3) Deviations from Program and Variances to the Scope: Problems / Technical Issues: Lightning Delay: None
3) Deviations from Program and Variances to the Scope: 4) Problems / Technical Issues: Lightning Delay: None
4) Problems / Technical Issues: Lightning Delay: None
4) Problems / Technical Issues: Lightning Delay: None
Lightning Delay: None
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
Received the last of the series straps
•
7) Actions in order of priority for Next Shift:
> TE brazing/inspection
Continue cleaning CE/TE
> Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Braze series straps, Braze phase strap,
2 r
10) Comments:
•
<u>GE Notes:</u>
→ TECO-POLK Plant Notes:

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Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Saturday, September 11, 2021 3:46 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: RE: NS Daily Update During Outages - 09/10
Attachments: 09-10-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover,



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/10/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Dave Hansen / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles
2) Summary of Progress:
Initiated:
Reflowing TE braze connections
> Cogebi CE top bars
Completed:
> CE Cogebi repairs
CE Cap installation Complete/put on heat for a couple hours
TE continued brazing
3) <u>Deviations from Program and Variances to the Scope</u> :
4) Problems / Technical Issues:
Lightning Delay: ~1.5 hours
5) Items for Coordination with Others:
5) items for Coordination with Others.
6) Parts / Spares / Tooling Issues:
Received the last of the L-straps from PCT
•
7) Actions in order of priority for Next Shift:
> Complete TE brazing
Clean up and Cogebi repairs on TE
➤ Block/tie CE caps
> Insulation phase connections
> Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Finish brazing TE, Installing Caps, Install Blocking
10) <u>Comments</u> :
•
♣ <u>GE Notes</u> :
↓ TECO-POLK Plant Notes:

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Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Sunday, September 12, 2021 4:10 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject:RE: NS Daily Update During Outages - 09/11Attachments:09-11-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover:



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/11/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

(A) (A) (A) (A) (A) (A) (A) (A) (A) (A)
1) Safety Issues/ Concerns:
COVID procedures
Housekeeping / Proper lifting techniques / Noise stress / Body positioning
Weather- Heat / Lightning
Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles
2) Summary of Progress:
Initiated:
Cleaning TE series brazes
Completed:
➢ Continued cleaning TE joints
> Insulating phase connections
3) Deviations from Program and Variances to the Scope:
, , , , , , , , , , , , , , , , , , ,
4) Problems / Technical Issues:
Lightning Delay: ½ hour
5) Items for Coordination with Others:
6) Parts / Spares / Tooling Issues:
•
•
7) Actions in order of priority for Next Shift:
Complete cleaning TE
> Start Cogebi repairs
> Complete insulating phase straps
➢ Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Installing Caps, Install Blocking,
missing expo, mount and many
10) Comments:
LES Bump Test Tech will be onsite Tuesday
- man manife 1 444 1 441 1111 11 11 11 11 11 11 11 1
♣ GE Notes:
→ TECO-POLK Plant Notes:
TEOUT OLIX FIGURES.

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Monday, September 13, 2021 5:32 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriv (FieldCore)

Subject:RE: NS Daily Update During Outages - 09/12Attachments:09-12-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/12/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:
COVID procedures
the A.D. and Billiam techniques / Noine etrace / Rody positioning
Housekeeping / Proper litting techniques / Noise stress / Body positioning Weather- Heat / Lightning
L (D - 04/ (C-id-ve/Mesquitos) Pontilos
Insects (Bees/Wasp/Spiders/Mosquitos) = Reptiles
2) Summary of Progress:
Initiated:
➤ Changing out loose bar ties ~ CE
Completed:
Completed ties on CE
Setup for CE bake put heat on ~0200
Capped TE series loops and put on heat for a few hours
Performed winding resistance - SAT
3) Deviations from Program and Variances to the Scope:
4) Problems / Technical Issues:
Lightning Delay: NONE
5) <u>Items for Coordination with Others</u> :
6) Parts / Spares / Tooling Issues:
•
7) Actions in order of priority for Next Shift:
Continue CE bake
➤ Replace ties on TE
➢ Block/Tie TE series caps
→ Housekeeping
8) QCP signoffs completed? Need to sign-off Quality Check Points:
9) Outstanding items (to complete at next opportunity) in order of priority:
Installing Caps, Install Blocking, Bake
10) Comments:
LES Bump Test Tech will be onsite Tuesday
L CF Natori
GE Notes:
♣ <u>TECO-POLK Plant Notes</u> :

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Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Monday, September 13, 2021 5:37 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony

(FieldCore); Illgen, Scott (APM)

Subject: DS Daily Update During Outages - 09/13
Attachments: 09-13-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work complete.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile 813-415-4379

Email: Jonathon. Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/13/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:		
COVID procedures		
Housekeeping / Proper lifting techniques / Noise stress / Body positioning		
Weather- Heat / Lightning		
Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles		
2) Summary of Progress:		
Initiated:		
➤ Changing out loose bar ties ~ TE		
➢ Continued bake ~ Started bake time @ 14:00 all TC's reached 100.C		
Started packing bulk van and doing a roll back on generator		
Completed:		
Completed cutting cap blocks for TE ~ number and labeled		
3) Deviations from Program and Variances to the Scope:		
)		
4) Problems / Technical Issues:		
Lightning Delay: 14:35 – 16:45		
5) <u>Items for Coordination with Others</u> :		
6) Parts / Spares / Tooling Issues:		
Shipping out leftover punchings 9/14/2021		
•		
7) Actions in order of priority for Next Shift:		
Continue replacing the bar ties on TE		
Fill voids in TE caps ~ 47, 9 − 15.		
> Start tying in cap blocks		
➢ Housekeeping		
8) QCP signoffs completed? Need to sign-off Quality Check Points:		
9) Outstanding items (to complete at next opportunity) in order of priority:		
Install Cap Blocking, Bake TE,		
10) Comments:		
LES Bump Test Tech will be onsite Tuesday		
↓ GE Notes:		
➡ TECO-POLK Plant Notes:		

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Tuesday, September 14, 2021 5:50 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: RE: NS Daily Update During Outages - 09/13 **Attachments:** 09-13-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/13/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:		
COVID procedures		
 Housekeeping / Proper lifting techniques / Noise stress / Body positioning 		
Weather- Heat / Lightning		
Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles		
2) Summary of Progress:		
·		
,		
> Continued Bake on CE		
Completed:		
> Completed cutting cap blocks for TE ~ number and labeled		
3) Deviations from Program and Variances to the Scope:		
4) Problems / Technical Issues: Lightning Delay: 1.5 hours		
5) Items for Coordination with Others:		
5) Items for Coordination with Others.		
6) Parts / Spares / Tooling Issues:		
Shipping out leftover punchings 9/14/2021		
Shipping out lettover purionings 3/14/2021		
7) Actions in order of priority for Next Shift:		
Complete CE bake		
Fill in caps on TE		
> Set up and start bake		
➢ Housekeeping		
8) QCP signoffs completed? Need to sign-off Quality Check Points:		
9) Outstanding items (to complete at next opportunity) in order of priority:		
Install Cap Blocking, Bake TE,		
10) Comments:		
LES Bump Test Tech will be onsite Tuesday		
♣ GE Notes:		
→ TECO-POLK Plant Notes:		
1200102111000		

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Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Wednesday, September 15, 2021 5:00 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: RE: NS Daily Update During Outages - 09/14
Attachments: 09-14-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com

Cell: 609-569-6184 Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/14/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:		
COVID procedures		
Housekeeping / Proper lifting techniques / Noise stress / Body positioning		
Weather- Heat / Lightning		
Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles		
2) Summary of Progress:		
Initiated:		
> TE bake cycle ~ Started oven @ 13:00 @ 50C		
Completed:		
➤ Masked off CE and painted HVB and Endwinding		
Continued monitoring TE bake/reached 100C at 0200		
3) Deviations from Program and Variances to the Scope:		
b Deviations from Program and Variances to the Scope.		
4) Problems / Technical Issues:		
Lightning Delay: 3 hours		
5) Items for Coordination with Others:		
of items for coordination with extreme.		
6) Parts / Spares / Tooling Issues:		
Shipped out lamination to GE factory		
The state of the s		
7) Actions in order of priority for Next Shift:		
Continue TE bake cycle		
Unmask CE HVB when endwinding is dry/ touch up if neccesary		
> Bump test CE		
> Housekeeping		
8) QCP signoffs completed? Need to sign-off Quality Check Points:		
9) Outstanding items (to complete at next opportunity) in order of priority:		
Bake TE, Paint CE, Bump test, Final Hipot		
10) Comments:		
LES Bump Test Tech will be onsite Wednesday		
LEO Dump 100t 100m mm be offered troutleoway		
♣ GE Notes:		
♣ TECO-POLK Plant Notes:		
* ILOUT OLK I MAIN MOLES.		

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Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Wednesday, September 15, 2021 1:19 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony

(FieldCore); Illgen, Scott (APM)

Subject: DS Daily Updates During Outages 09/14
Attachments: 09-14-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

All please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/14/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:		
COVID procedures		
Housekeeping / Proper lifting techniques / Noise stress / Body positioning		
Weather- Heat / Lightning		
Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles		
2) Summary of Progress:		
➤ TE bake cycle ~ Started oven @ 13:00 @ 50C		
Completed:		
> Completed CE bake @ 6:30		
> Completed coll down @ 11:00		
Removed covers and placed them on the TE		
l company and the second secon		
 ➢ Completed replacing bar ties ~ 1 E ➢ Tied connection rings blocks in 5 locations 		
1		
 ➢ Applied red-eye to bar ties ~ CE 3) Deviations from Program and Variances to the Scope: 		
b Deviations from Program and variances to the Scope.		
4) Problems / Technical Issues:		
Lightning Delay: 15:00 – 17:30		
5) Items for Coordination with Others:		
6) Parts / Spares / Tooling Issues:		
Shipped out lamination to GE factory		
9		
7) Actions in order of priority for Next Shift:		
> Continue bake cycle		
➤ Paint CE after ties cure ~ Don't paint suppression paint at slot exits at OSSB		
Continue demobing		
> Housekeeping		
8) QCP signoffs completed? Need to sign-off Quality Check Points:		
9) Outstanding items (to complete at next opportunity) in order of priority:		
Bake TE, Paint CE, Bump test, Final Hipot		
10) Comments:		
LES Bump Test Tech will be onsite Wednesday		

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◆ TECO-POLK Plant Notes:

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Wednesday, September 15, 2021 5:23 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony

(FieldCore); Illgen, Scott (APM)

Subject:DS Daily Turnover During Outages - 09/15Attachments:09-15-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com



SUPPLEMENTAL: APRIL 14, 2022



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/15/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

- > TE cool down cycle
- Continued demobing

Completed:

- > Completed TE bake @ 14:30
- > Bump test on CE

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 17:00 - 17:30

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Tools are scheduled for pick up on Sept 18, 2021
- .

7) Actions in order of priority for Next Shift:

- Continue cool down cycle
- Cut duct board from bake into pieces and place in dumpster
- Break down TE bake oven and disconnect from main PDU
- Apply red-eye to bar ties on TE w/ zero gravity gun
- Knock off epoxy drips from ties on TE and CE
- > Remove masking from HVB's
- Remove masking from air shield flange
- Remove rags from between the bars
- Paint #1 slot with red paint for future Magic Inspections
- Continue demobing
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

• Bump test TE, Final Hipot, Paint TE end windings,

10) Comments:

•

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GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

4	GE Notes:	
4	TECO-POLK Plant Notes:	

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Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>

Sent: Thursday, September 16, 2021 12:29 AM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: RE: NS Daily Update During Outages - 09/15 **Attachments:** 09-15-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.



Mark Rymarz Generator Specialist Mark.rymarz1@ge.com Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual NIGHT SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/15/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles 2) Summary of Progress: Initiated: TE cool down cycle Continued demobing Completed: > Completed Cooldown cycle and broke down ductboard > Removed masking from CE > Disconnected power from TE bakeoven/rolled back cable and placed on pallet > Removed floor boards on TE and cleaned below and replaced > Packed up bake oven duct etc.. Set CE bake oven on 40C to keep winding dry Continued demob 3) Deviations from Program and Variances to the Scope: 4) Problems / Technical Issues: **Lightning Delay: None** 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Tools are scheduled for pick up on Sept 18, 2021 7) Actions in order of priority for Next Shift: Perform TE bump test Perform stator electrical testing Set up for paint of TE and paint Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: · Bump test TE, Final Hipot, Paint TE end windings, 10) Comments: GE Notes:

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TECO-POLK Plant Notes:

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) < Jonathon.Meacham@ge.com>

Sent: Thursday, September 16, 2021 5:22 PM

To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey,

David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill

R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.;

'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony

(FieldCore); Illgen, Scott (APM)

Subject:DS Daily Updates During Outages - 09/16Attachments:09-16-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379

Email: Jonathon.Meacham@ge.com





GE Power Services Quality Manual DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK

Work scope: CCSR

Date: 09/16/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- · Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) Reptiles

2) Summary of Progress:

Initiated:

Continued demobing

Completed:

- > Completed TE bump test
- Completed final Hipot test ~ Satisfactory
- Completed final RTD readings
- > Completed final readings on slot couplers and Flux probe
- > Removed bake oven from scaffolding
- > Connected RTD's in panel

3) Deviations from Program and Variances to the Scope:

•

4) Problems / Technical Issues:

Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Tools are scheduled for pick up on Sept 18, 2021
- .

7) Actions in order of priority for Next Shift:

- Continue demobing
- Paint TE end windings
- Touch up paint on core irons
- Paint Flux probe
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

• Paint TE end windings,

10) Comments:

6

GE Notes.

↓ TECO-POLK Plant Notes:

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

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Page 2 OF 2

SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) < Mark.Rymarz1@ge.com>

Sent: Thursday, September 16, 2021 8:59 PM

To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy,

Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov,

Yuriy (FieldCore)

Subject: RE: NS Daily Update During Outages - 09/16 **Attachments:** 09-16-2021 TECO-Polk_Unit1_Turnover DS.pdf

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See attached NS Daily turnover.



Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184

Fax: 609-228-5019



GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES TECO-Polk - Unit 1 CCSR 337X011

Site: TECO-POLK Work scope: CCSR

Date: 09/16/2021 Shift: Day	Shift: Night
Day Shift GS/PM on site: Michael Shanahan	Night Shift GS: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	Night Shift OJT GS:
W/L Day: Phil Riverin / Dan Sullivan	W/L Night: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns: COVID procedures Housekeeping / Proper lifting techniques / Noise stress / Body positioning Weather- Heat / Lightning Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles 2) Summary of Progress: Initiated: Continued demobing Completed: > Completed TE bump test > Completed final Hipot test ~ Satisfactory Completed final RTD readings > Completed final readings on slot couplers and Flux probe > Removed bake oven from scaffolding Connected RTD's in panel 3) Deviations from Program and Variances to the Scope: 4) Problems / Technical Issues: **Lightning Delay:** 5) Items for Coordination with Others: 6) Parts / Spares / Tooling Issues: Tools are scheduled for pick up on Sept 18, 2021 7) Actions in order of priority for Next Shift: Continue demobing Paint TE end windings Touch up paint on core irons Paint Flux probe Housekeeping 8) QCP signoffs completed? Need to sign-off Quality Check Points: 9) Outstanding items (to complete at next opportunity) in order of priority: Paint TE end windings, 10) Comments: GE Notes:

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TECO-POLK Plant Notes:



GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
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