FLORIDA PUBLIC SERVICE COMMISSION AUDIT DOCUMENT/RECORD REQUEST

AUDIT DOCUMEN	T/RECORD REQUEST OF INTENT
TO: <u>Maritza Iacono</u>	OF INTENT
UTILITY: Progress Energy Florida	Carl Vinson
FROM: <u>Carl Vinson</u>	AUDIT MANAGER
REQUEST NUMBER:	DATE OF REQUEST: 6/13/08 - Due 6/20/08
AUDIT PURPOSE:	
REQUEST THE FOLLOWING ITEM(S) BE PRO REFERENCE RULE 25-22.006, F.A.C., THIS REC	
ITEM DESCRIPTION:	<u>x</u> OUTSIDE OF AN INQUIRY
	d self-evaluations of the Levy project completed by PEF 008 to date. Please include copies of all auditee responses
2) Please list and provide copies of all audit reports of through 2008 to date. Please include copies of all audi	
	d self-evaluations of the CR3 Uprate project completed ough 2008 to date. Please include copies of all auditee
4) Please list and provide copies of all audit reports of 2006 through 2008 to date. Please include copies of al	l auditee responses to the reports and findings
5) Please provide copies of the following reports for Report, CR3 Project Status Report, Levy Project Sta Reviews.	the period June 2007 to date: Monthly CR3 Uprate Cos SSC atus Report, and Monthly Financial Committee Busines SGA ADM
6) Please provide the current Project Assurance Plans	for Levy and CR3 uprate.
TO: AUDIT MANAGER CALL YUSS	DATE: 0 23/08
THE REQUESTED RECORD OR DOCUMENTATION:	
(1) 🔲 HAS BEEN PROVIDED TODAY	
(2) 🔲 CANNOT BE PROVIDED BY THE REQUESTED	DATE BUT WILL BE MADE AVAILABLE BY
CONFIDENTIAL HANDLING OF THIS MATERIAL AFTER THE AUDIT EXIT CONFERENCE, FILE A	IS (ARE) PROPRIETARY AND CONFIDENTIAL 1.183, 366.093, OR 367.156 F.S. TO MAINTAIN CONTINUED 7, THE UTILITY OR OTHER PERSON MUST, WITHIN 21 DAYS REQUEST FOR CONFIDENTIAL CLASSIFICATION WITH THE STRATIVE SERVICES. REFER TO RULE 25-22.006, F.A.C. ITACHED MEMORANDUM)
SIGNATURE AND TITLE OF RESPONDENT	uitza n ocoropuioBER-DATE
Spvs-Re	gulat ougo Belgonyon 29 Sj
	FPSC-COMMISSION CLERK

T



Date:June 19, 2008To:Danny Roderick, VP - NP&CFrom:Steve Huntington, Manager, Major
Projects - EPUSubject:Extended Power Uprate Monthly Status Report

Attached is the April 2008 Extended Power Uprate Monthly Status Report:

Major Issues & Concerns

- The cost accounting capability to accurately report budgeted project parameters and accurately capture and report expenditures to support project earned value analysis does not currently meet the needs of the project or management expectations. A commitment to upgrade our Project Controls process and capabilities to support Earned value Analysis (EVA) reporting by July 7, 2008 has been made, but the detailed steps to accomplish that upgrade need to be defined. An NTM to document that plan and present it to J. Scarola is on file following the April 8 Project management meeting held jointly with G&TC.
- The Level III / bottoms up estimate exercise for EPU is underway. The four main objectives of the exercise are to validate the total project cost basis versus IPP values (validate the project contingency account value); to provide more accurate and validated input to the three year PEF capital budget, to drive a greater level of detail into the Work Breakdown Structure (WBS) and associated schedules, and to create the sub project level (major tasks) structure to allow EVA analysis and reporting at the sub project level.

Safety & Human Performance

Safety:		Human Performance:				
Reported Inciden	ts	Number of Events				
OSHA Reportables		MTD	YTD	PTD		
First Aid			a de la contra de la	6-11		
Near Misses		Days Since L	ast Event	42		

• There were no safety performance incidents in April. There were no human performance clock resets in April

Scheduling

Scho SP1

edule Perfomanc	:e:	EC Status:	
		Planned	
omplete		Completed	
		Open	

• The schedule per cent complete versus planned performance for the EPU project to date is 100%. All planned activities have been completed. The leadership team is upgrading our standards and metrics to

Progress Energy Florida, Inc.

MAL ...

measure activities completed per the date exact scheduled both internally and for all vendor supplied deliverables. Going forward, the project controls group will provide the schedule performance index (SPI) for the EPU project overall, and we will also track and trend weekly performance to schedule at the new level.

Finance

					CO	<u>.</u>		
Total Proj	ject Costs (\$M	's):	"					
	Budget	Projection	Actual	Budget VAR	ProjectionVAR			
MTD								
YTD	1	REDACTED		New of the second	m 1			
PTD	T			N/A	N/A			

• The project is under budget year to date due mainly to variances in timing on major vendor payments. The forecast predicts that those payments will catch up with the budget by year's end. Additionally, the project burden and indirect labor charges are under running budget by approximately per month year to date. A study to identify the causes of that under run has commenced and will complete in May.

Contracts

- Major contracts awarded to date include AREVA NSSS and BOP engineering support; Siemens for TG design, manufacture and installation; YUBA for SC and FW heat exchanger design, manufacture, and deliver; TEI to design, manufacture and deliver 4 ea MSR heat exchangers; Atlantic Group for installation labor support; and S&L for engineering study and conceptual design support for the Point of Discharge sub project. Contracts to award in May / June include the heavy rigging support contract, the component disposal contract, the iso-phase bus duct design / fab contract, and the MSR belly drain design / fab contract.
- BWC issues with the analysis and warranty of the ROTSGs at EPU levels has escalated to the senior executive level.
- Please refer to attachment 1 for a complete summary and performance analysis of all issued EPU contracts.

Staffing

Staffing Levels:									
	Actual	YE Projection	Vacancies						
Perm. Full Staffing - PEF	29	34							
Temp Full & Part Time - PEF	0	0							
Regular Part Time - PEF	0	0	Q.						
Project Contractors	17	19	2						
Outage Contractors	0	0							

- Remaining permanent staff open positions include three electrical engineers, 1 component engineer, and 1 Sr. Project Manager.
- Significant progress made in March and April to fill positions with qualified candidates.

Risks & Opportunities

Red Risks:

• The risk register for the EPU project requires significant improvement. The current number of identified risks (approximately 35) does not reflect the volume of technical, commercial, process, and staffing risks inherent in the project. Accordingly, the risk identification and management process is being upgraded. Initially, the weekly Risk Management meeting agenda is being significantly revised to address the total risk management process and population for the total EPU project. Second, to increase the number of identified risks, individual Risk Workshops will be conducted for each major subproject task to subject each task to appropriate scrutiny. Following the risk workshops, each identified risk will be graded (probability and impact per the established PE process) and then assigned to a task manager for development of mitigation strategies. The mitigation options will be evaluated, and a path forward decided with an ICF added to enter the actions into the formal schedule. Due dates for each risk item's mitigation will be established, tracked, and trended.

Yellow Risks:

• To be reported next report.

<u>Quality</u>

Nuclear Condition Reports:							
Generated Late							
PRI 1	2						
Total	12						

- The Priority 1 NCR addressing concerns in 15R Vendor Oversight will be presented to the CARB in May and to the NSRC in June. Three major corrective actions have been identified. First, to ensure that personnel assigned to perform DR and Field Rep functions are qualified for the process per PE procedures and also technically competent to oversee assigned work. A documented skills and experience evaluation will be performed prior to assignment. Improvements in Contractor delivered performance will also be driven by significantly increased training, use of, and trended measurement of human performance tools by contracted supervision and management. The third major corrective action requires the upgrade of PE procedures and contract management practices directing required contract kick off and regular management performance reviews to eliminate communication driven mismatches in performance expectations.
- The MUR related Priority 1 NCR has been submitted for CARB review.

Administrative

- New PEF employees joining the NPC / EPU team, since March include David Wise, Jeff LaPratt, Vic Long, David Gower, Brian Peeler, and Rene Taylor. 5 additional personnel have accepted offers to join in May through July. Contract personnel joining the team since March include Galina Eakins, Hugh Mays, and Jonathan Ward. 3 more individual have accepted contract positions starting in May and June.
- Ramisha Murray has accepted a six month temporary career development assignment in the plant staff design engineering group.
- Design authority policy discussions were resolved in April and a FSAR update to reflect the assignment of that design authority role through the EPU Project Manager to the Engineering Superintendent was processed.

Page 4

If you have any questions, please call me at extension x4752.

Steve Huntington

Attachment

cc: T. Hobbs D. Young D. Varner J. Franke J. Terry M. Annaco

D. Young G. Miller J. Franke NP&C Managers M. Annacone EPU Staff CR3 Managers

Progress Energy Florida, Inc.

Monthly Business Review Meeting June, 19 2007

Note: This document contains transmission-related information and cannot be forwarded to any wholesale merchant function employee

Levy Nuclear Plant Status

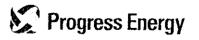
<u>FERC Standards of Conduct</u> -- Pursuant to FERC Order 2004 and subsequent FERC orders and guidance, marketing entities, including Progress Energy wholesale merchant function employees (such as PEF and PEC RCO and Regulated Fuels employees) are prohibited from receiving or viewing any transmission-related information in the attached document(s). Any such information shall be removed from any document prior to it being distributed to any wholesale merchant function employee. Further, to the extent transmission-related information will be discussed during any meeting, any wholesale merchant function employees will be excused from the meeting prior to any such discussions, and the minutes of the meeting will reflect the removal of any such wholesale merchant function employee.

Topics

- Levy Site Overview
- Levy Activities/Milestones
- AP1000 Reactor Technology Overview
- Plant Staffing
- Costs
- Risks/Mitigation Strategy
- Attachments

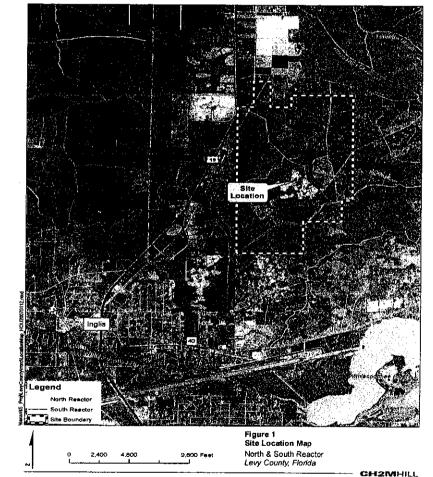
- Cost Recovery
- Transmission





• Site Overview

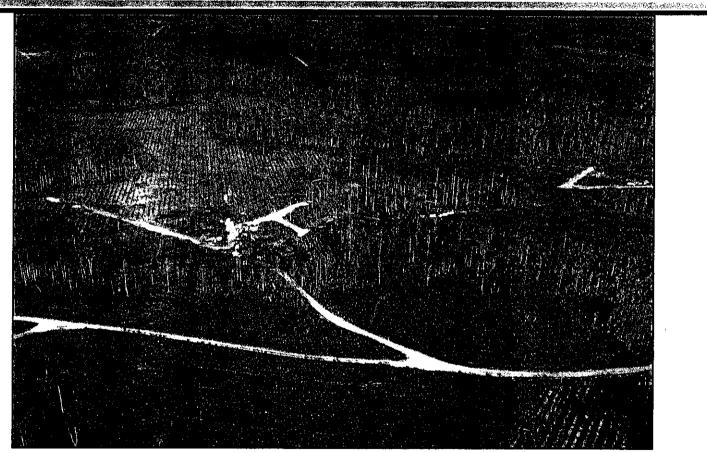
- 2 Westinghouse AP1000 Reactors
- Forced Draft Cooling towers
- Intake Structure on Barge Canal at Inglis Locks
- 4 Utilities and China have selected – AP1000







3



Reactor Site looking west





Technology Selection

The Best available information shows that new advanced nuclear generation appears to be the most cost-effective, reasonable alternative over the long term, taking into account the need:

- for continued fuel diversity and security,
- for baseload generating capacity,
- to reduce PEF's dependence on foreign fuel supplies (particularly oil and natural gas),
- to reduce greenhouse gas and other air emissions, and
- to contribute to the long term stability and reliability of our electric grid.

Studies and analysis of all available options have been completed to establish the preference and selection of:

- Westinghouse Electric Company's AP1000 Advanced Passive nuclear generation technology as the technology of choice.
- Shaw Stone and Webster as the EPC contractor of choice for engineering, site development and construction, and
- The proposed Levy County Site as the preferred project site.



5



PAGE 6 REDACTED

.

2007 - 2009 Major Activities

- 6/07 Operator Training Program Development
- 9/07 Purchase Rayonier Property
- 10/07 Conceptual Site Design Complete
- 11/07 WEC Price Finalization
- 12/07 Site Design Finalization Commence
- 1Q/08 EPC Signed
- 1Q/08 Long Lead Items Ordered
- 2Q/09 Site Clearing/Excavation





CONFIDENTIAL

REDACTED

Levy Nuclear Plant Status

• LNP EPACT Milestones

- Milestones COLA Filed/Accepted Safety Related Work Start (Concrete) COD
- <u>Milestone Date</u> <u>12/31/08</u>
- LNP 1# 7/31/08 (submittal)
- LNP 2# 7/31/08

All PTC milestones met.

• Assumptions:

8

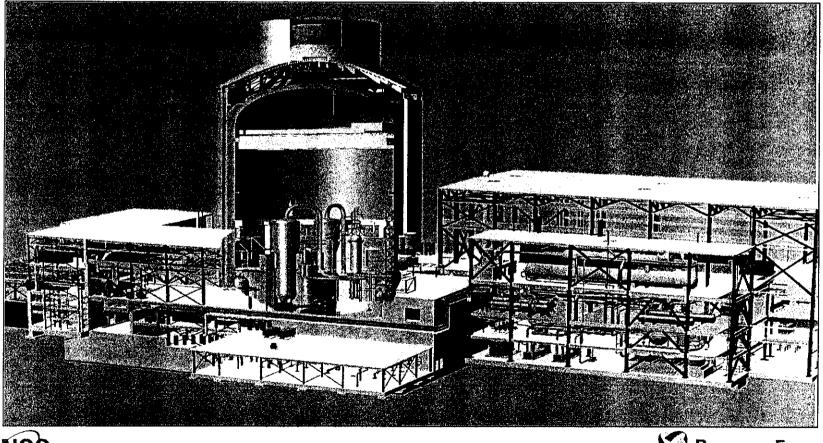
- Both the LNP and COLA will be accepted by 12/31/08
- LNP COLA approval 12/2011
- One year separation between LNP 1 and 2.





REDACTED

Standard AP1000



NGG

9

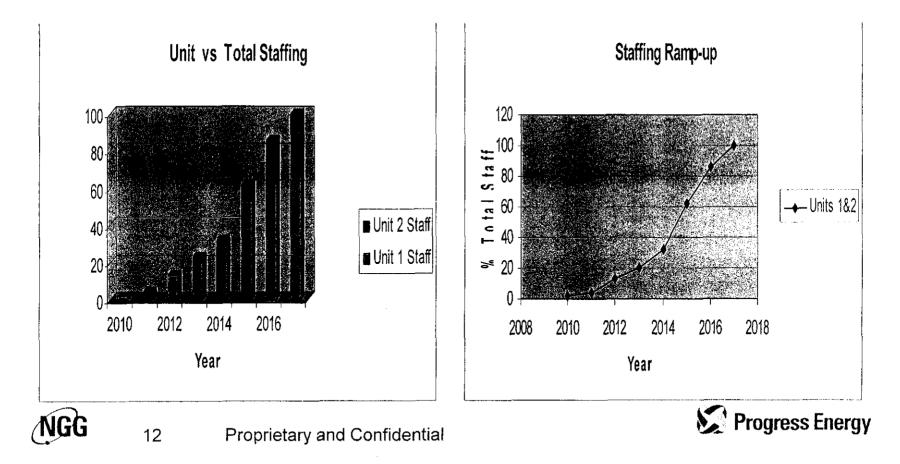


PAGE 10 - 11 REDACTED

.



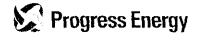
•Plant Staffing – Levy County – 773 total



Plant Staffing/Hiring – 2007-2009

- Procedure Writers 2, in support of Builders Group efforts. (late 2007)
- Construction Supt (2007)
- Licensing (2008)
- LNP Leadership/Recruiting (2009)
- Training Instructors (2-2008, 6-2009)
- Increase existing plants Ops and Maint pipeline (2009)
- Vendor Quality/Procurement Engr (2008)





Levy Nuclear Plant Status

Project Cost Timeline

- June 2006 Initial CapEx from RFQ provided. Initial AP-1000 Business Plan submitted by Westinghouse Electric Company LLC (WEC). (Completed)
- <u>December 2006</u> Update to CapEx from WEC, Levy Purchase Agreement finalized, initial total cost estimate completed (includes S&L estimate for site specific items) (Completed)
- <u>February 2007</u> Update to Technology Evaluation update completed, GFF input provided to System Planning (*Completed*)
- <u>June 2007</u> Updated cost estimate for total project cost at time of approval for BAP (*Completed*)
- <u>December 2007</u> Price certainty update from WEC, Cost update from Shaw based on 50% completion of the first phase for site specific work, all site land acquisition determined.
- March 2008 EPC signed.

14

REDACTED





PAGE 15 - 18 REDACTED

CONFIDENTIAL

Levy Nuclear Plant Status

Risk Items

- Plant Deployment Total Costs
 - Westinghouse contract is not finalized which is 66% of the total project cost (no AFUDC or Transmission). Of this portion of costs WEC estimates:
 - Commodity increases and Escalation rates.

REDACTED

4

REDACTED

- AP1000 Deployment Issues
 - Design Finalization
 - ♦ Generic Engineering Issues
 - Seismic Issues
- Siting Risks

- ♦ LNP
 - Non-uniformity in site could require additional borings, additional analysis, and increased plant costs
 - Barge Canal usage/316(b)





- Risk Items (cont.)
 - Federal Regulatory Risks
 - Revised Part 52 language on site preparation & excavation (prior to COLA)
 - ◆ Part 52 versus Part 73 revision on large fires (aircraft)
 - 9th Circuit Court Terrorist Issues
 - ◆ LR/COLA overlap
 - ♦ COE Permit Approval
 - State Regulatory Risks
 - Certificate of Need
 - ♦ Site Certification





Mitigation Strategies

- Exit strategy for long lead equipment.
- Contracts and purchase orders developed shall contain appropriate cancellation clauses or other exit strategies.
- Contracts will have provisions for termination and suspension for nonperformance.
- In the case of non-performance termination or default, Progress Energy would contract with engineering and construction firms to assume the work.
- The Nuclear Cost Recovery Rule has been passed to help mitigate the interest rate risk.
- Utilization of Owners Engineer





Cost Recovery



22



Levy Nuclear Plant Cost Recovery

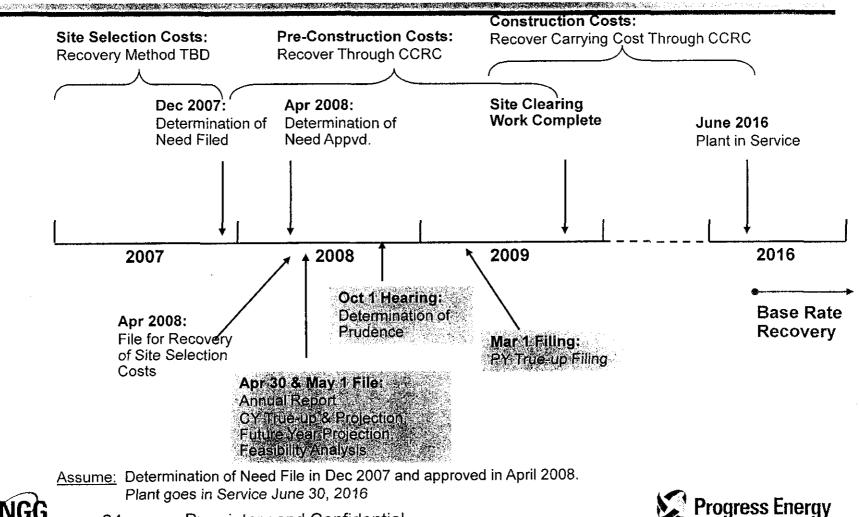
Cost Type	Cost Begin	Cost End	Recovery Method
Site Selection	Project Start	Need Petition is filed	To be determined
Pre-Construction	Need Petition is filed	Site Clearing Complete	Capacity Cost Recovery Clause (CCR)
Construction	Construction Begin date	System Commercial Operation	Carrying Costs - CCR Plant In Service - Base Rates

- Site Selection Costs and Pre-Construction costs include, but are not limited to:
 - Any and all costs associated with preparing, reviewing and defending a COL application for a nuclear power plant
 - Costs associated with site and technology selection
 - Cost of engineering, designing and permitting the nuclear power plant
 - Cost of clearing, grading and excavation
 - Cost of on-site construction facilities
- **Construction Costs** are those costs that are expended to construct the nuclear power plant including, but not limited to the costs of constructing nuclear power plant buildings and all associated permanent structures, equipment and systems.





Levy Nuclear Plant Regulatory Process



NGG

24

CONFIDENTIAL

Levy Nuclear Plant Revenue Requirements

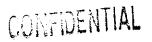
Reta	il Revenue R	equirements (millions) 🛷		Residential Price Impact
Year	Capital	AFUDC	Other		Residential i fice impact
2009	\$				
2010			,	<u> </u>	
2011				kwh)	REDACTED
2012		REDACT	ED	0001	
2013				(S/I(
2014	-			Price (
2015	-			Pr	
2016	-				
2017					2009 2010 2011 2012 2013 2014 2015 2016 2017
	S				



- Key Assumptions:
 - Capital Expenditures assumes recovery of Site selection and Pre-construction expenditures for 2 units and associated Transmission
 - AFUDC assumes recovery of the carrying costs calculated on Site selection, Pre-construction and Construction Expenditures
 - Other consists of the return on the deferred tax asset that will exist due to capitalized interest and book versus tax differences
 - Revenue Requirements assume 100% ownership of plant







Levy Nuclear Project

1. A. 9.89	Unitel (0.00%)			Unit 2 (000's)	A gar Cash Manazara		ansmission (000	l's)
Capital	AFUDC	Other	Capital	AFUDC	Other	Capital	AFUDC	Other
				REDACT	ED ,			
		national activity of the						
			Total	RevenuesR	ອດເທິນເອຍພອງອ	S		
		A Section of the sect		REDAC			A	

• Key Assumptions:

- Capital Expenditures assumes recovery of Retail Site selection and Pre-construction expenditures.
- AFUDC assumes recovery of the carrying costs on the Retail Site selection, Pre-construction and Construction Expenditures; AFUDC Equity portion has been grossed up for taxes.
- Other consists of the return on the deferred tax asset that will exist due to capitalized interest and book versus tax differences.



26 Proprietary and Confidential

Progress Energy

Transmission Attachment



27



Transmission for Baseload PEF-MBR

Dale Oliver June 19, 2007





Proprietary and Confidential

Preliminary Scope

- 200 miles of new 500 kV Transmission Lines
- 50 miles of double circuit 230 kV Transmission Lines
- 75 miles of 115 kV Transmission Lines
- Expand four 500/230 kV Substations
- Two new 500 kV Switching Stations





PAGES 30 - 31 REDACTED

CONFIDENTIAL

	2007 (millions)	2008 (millions)	2009 (millions)	2010 (millions)	2011 (millions)	2012 (millions)	2013 (millions)	2014 (millions)	2015 (millions)	Total (millions)
Line Structures & Material					,				,	
Line Labor, Equip & Supv										
Substation			•							
P&C	Ţ									
Engineering & Survey	_									
Clearing/Roads										
Real Estate Land	<u> </u>				REDACT	ED				
Other *										
PEF Labor	Γ									
Subtotal	T I									
GAC	T									
Contingency	Γ								1	
TOTAL										
						l	1			





Key Risks

- Acquisition of ROW in timely manner
- SCA permit extremely challenging deadline
- Community relations impacts open houses starting June/July
- Other utilities could claim adverse impacts
- Acquiring experienced personnel for PEF recently approved positions
- Massive amounts of contract resources needed
- Use of additional \$'s in 2007 pull \$'s from '08 into '07





Key Risks cont.

- Land and commodity price increases
- Dealing with a large number of legal jurisdictions





Mitigation Plans

- Recruiting Strategies
- Community Outreach & Communication Plan
- Prudent Routing Strategies
- Flexibility in Design Options
- Legislative Initiatives





Next Steps

- Phase II of Planning Study completed on June 15, 2007.
- Establish PEF Baseload section structure by July 20, 2007.
- Determine final design scope and strategy 500 kV vs. 345 kV conversion by August 1, 2007.
- Cost estimate based on refined scope by October 31, 2007.
- Complete selection of Baseload management team by October 30, 2007.
- Route selections studies are underway determine final/preferred routes by February 28, 2008. Provide data to support the SCA submittal on June 1, 2008 and the COLA submittal on July 1, 2008 by second week of March 2008.



36



Appendix



37

Proprietary and Confidential

.



PAGE 38 REDACTED

•



First Quarter Review

April 21, 2008

<u>FERC Standards of Conduct</u> – Pursuant to FERC Order 2004 and subsequent FERC orders and guidance, marketing entilies, including Progress Energy wholesale merchant function employees (such as PEF and PEC RCO and Regulated Fuels employees) are prohibited from receiving or viewing any transmissionrelated information in the attached document(s). Any such information shall be removed from any document prior to it being distributed to any wholesale merchant function employee. Further, to the extent transmission-related information will be discussed during any meeting, any wholesale merchant function employees will be excused from the meeting prior to any such discussions, and the minutes of the meeting will reflect the removal of any such wholesale merchant function employee.



Confidential and Proprietary (do not circulate)

Key Activities

Levy Need Case

- Filed on March 11
- Service Hearing on April 23
- Public Hearing set for May 21-23
- Commission vote expected on July 17
- Case Order due August 4

10-Year Site Plan

- Filed on April 1
- Includes 2013 Gas Combined Cycle add
- Assumes 100% ownership of Levy
- Allows for potential retirements

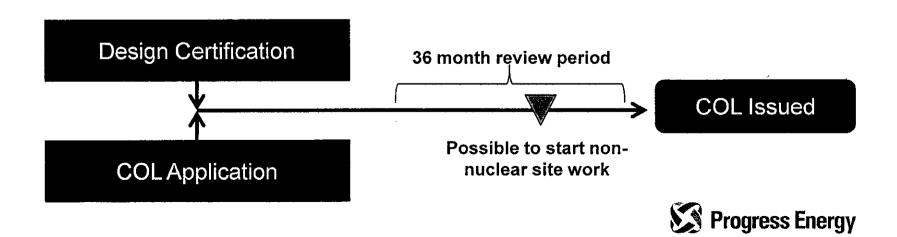
Levy Financing

- Modeling various alternatives
- Reviewing risk contingencies
- Pursuing Joint Owner Partners



Combined License

- Filed Harris COLA on February 19, 2008
- Development for Levy COLA in progress
- Planned for filing on July 31, 2008
- To reference AP1000
 - Design certified



EPC Negotiations

- Early discussions Feb/March
- Began in earnest April 11
- Weekly effort with Shaw/Westinghouse/PE
 - Evaluate Terms and Conditions
 - Identify Cost Savings Opportunities
 - Review Non Nuclear Specific Activities
 - Follow 60-day Exclusivity period
 - Target EPC Agreement by Need Issue date (8/4)



Levy Nuclear Development

- Arrived at Preferred Design AP1000
- Existing BAP for COL Application
 - Submitted March 2006
 - Revised September 2007
 - Authorized for REDACTED
- Cost Information

REDACTED

budgeted for 2008

- Updated BAP April 2008 to cover
 - Site Certification Application additional work
 - Limited Work Authorization preparation
 - LOI and Long Lead Equipment Reservation
 - Detailed Design of Permanent Structures
- Anticipated Spend

REDACTED

by Yr-End

REDACTED



CONFIDENTIAL

Baseload Transmission Planning

- Arrived at Preferred Option B
- Developing 2008 IPP
 - Integrated project activity
 - LINC review on May 9
 - Submitted to SMC by May19

CONFIDENTIAL

Cost Information

REDACTED

budgeted for 2008

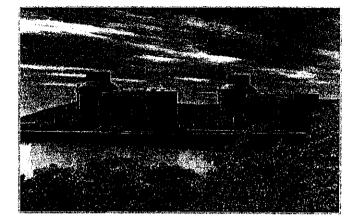
- Includes
 - Early Land Purchase
 - Engineering Services
 - Real Estate and Legal Services
 - Customer Outreach Expenses



Update on the Levy Nuclear Plant

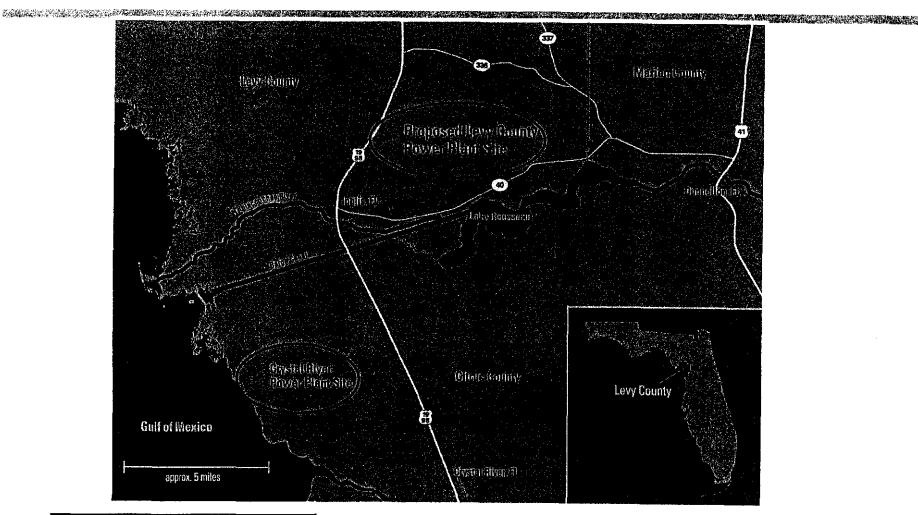
Danny Roderick

Feb 15, 2008

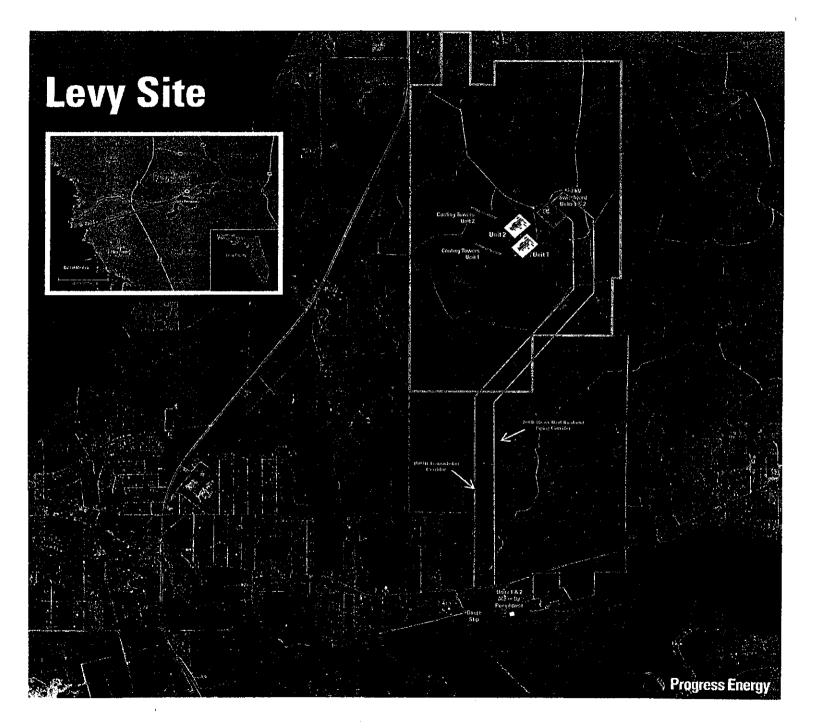


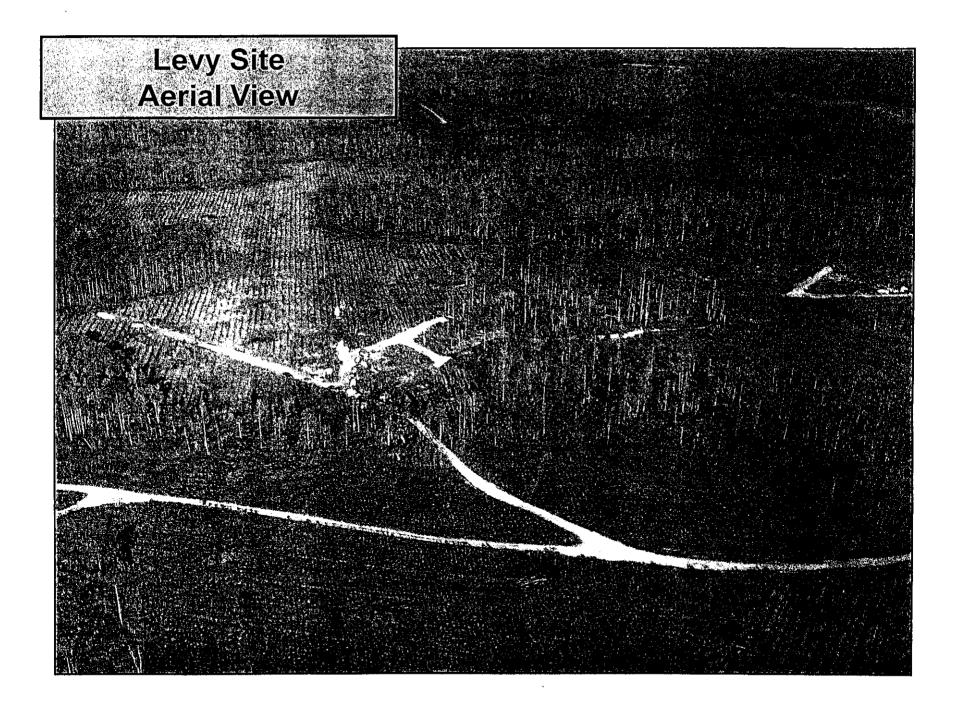


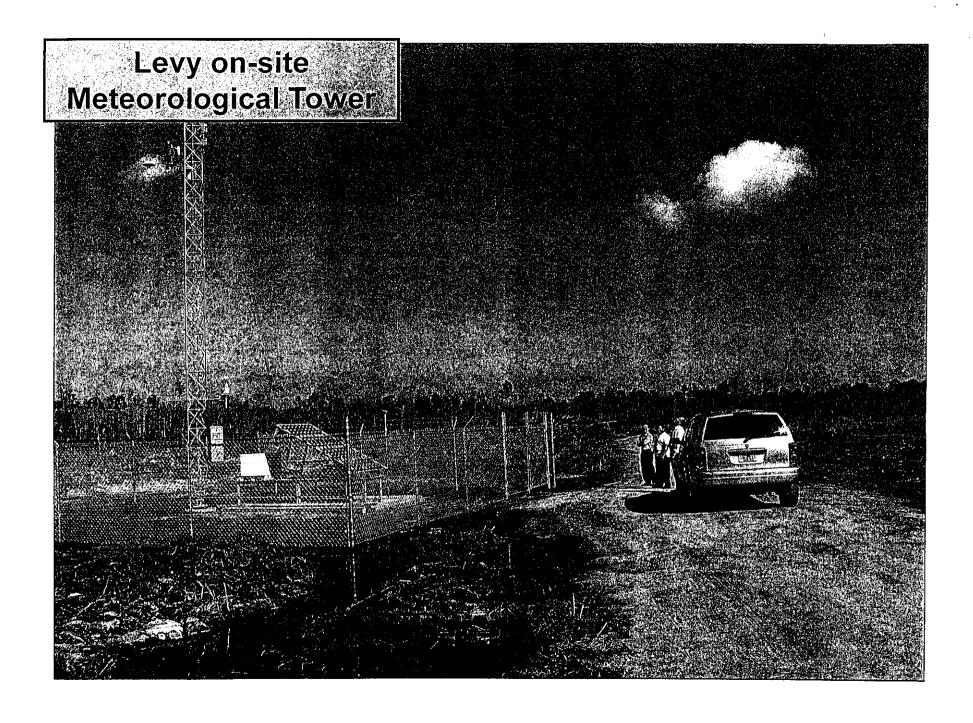
Levy County Nuclear Plant



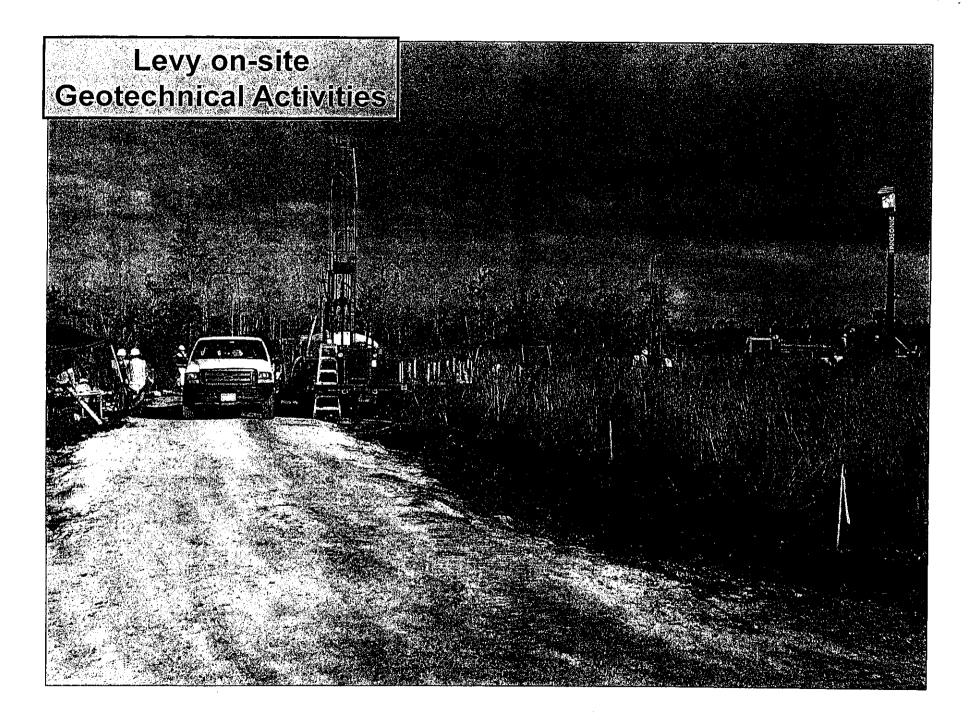


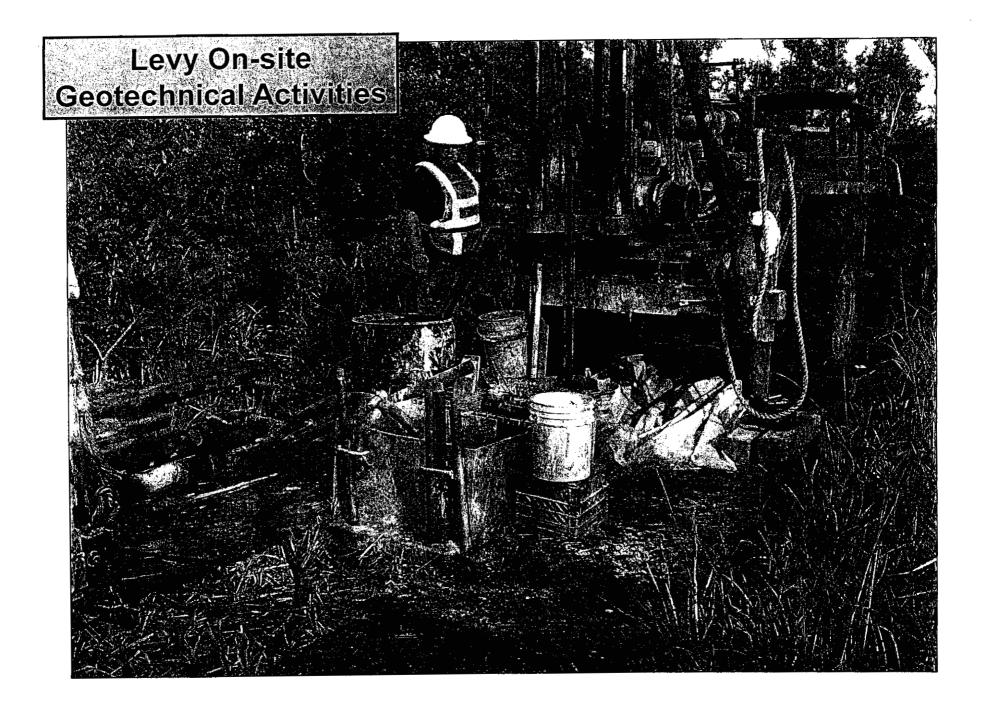


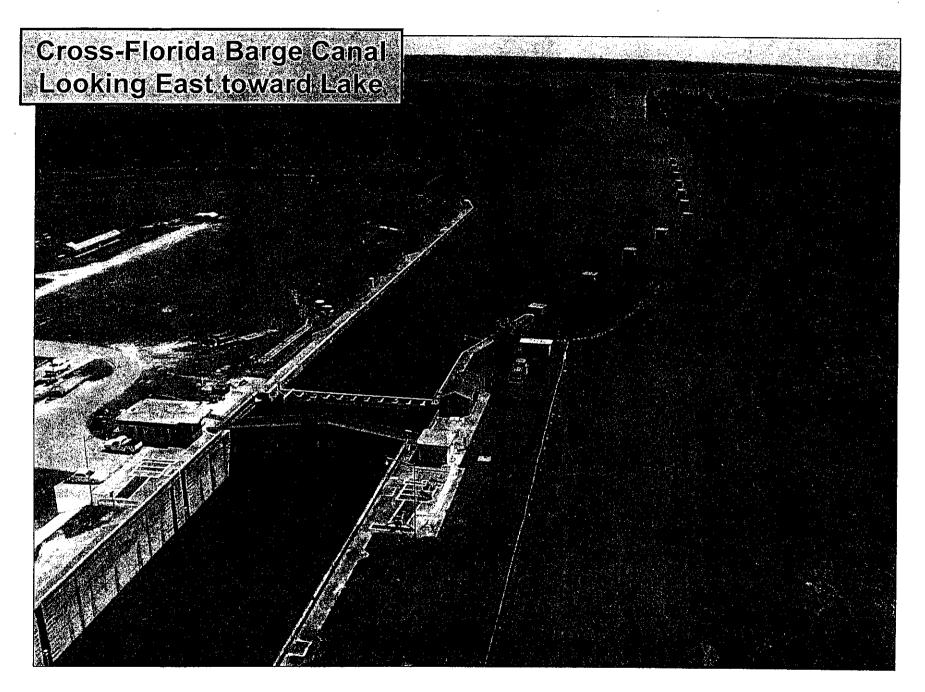


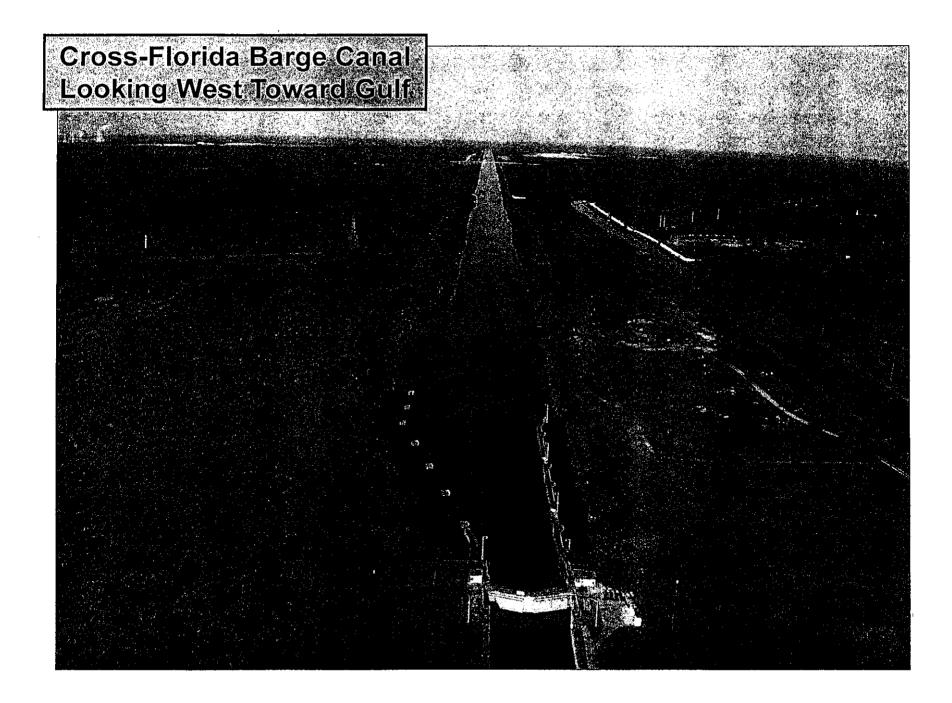


·····

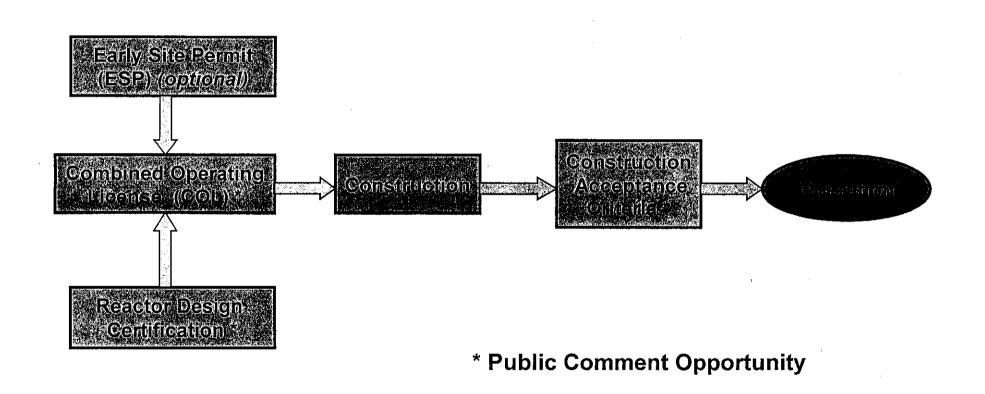






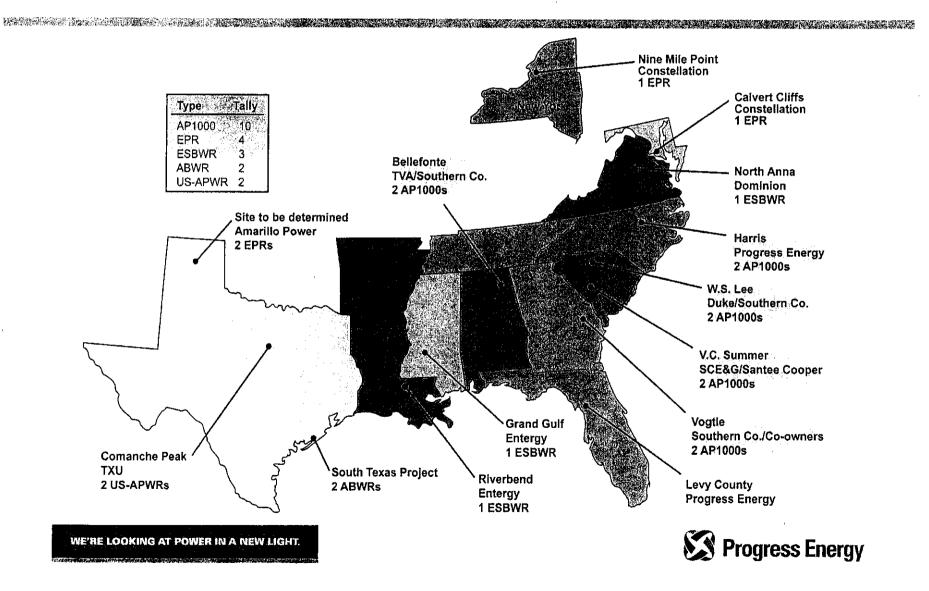


New NRC Licensing Process 10 CFR Part 52

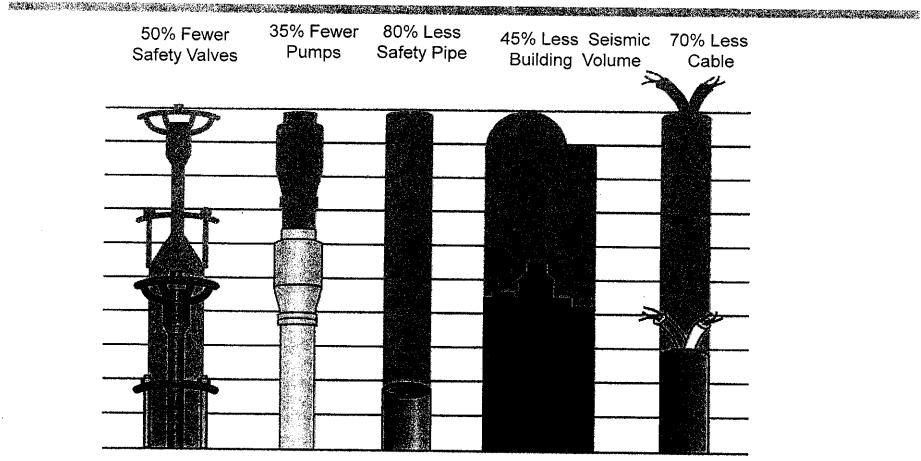




COLA Declared to NRC



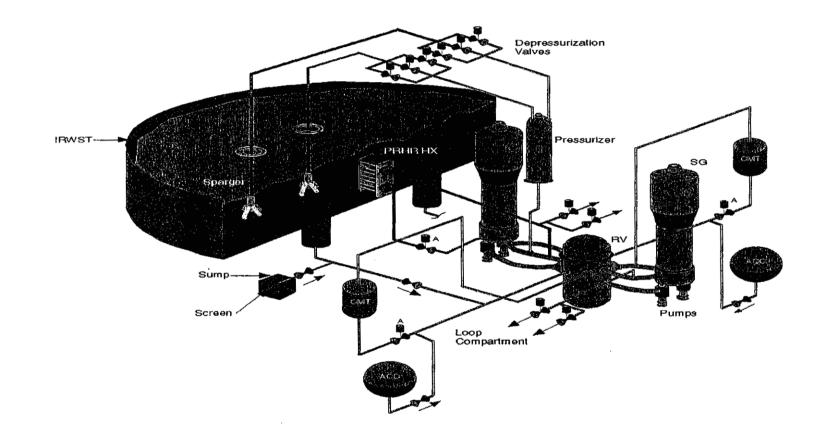
Fewer Components Reduce Costs



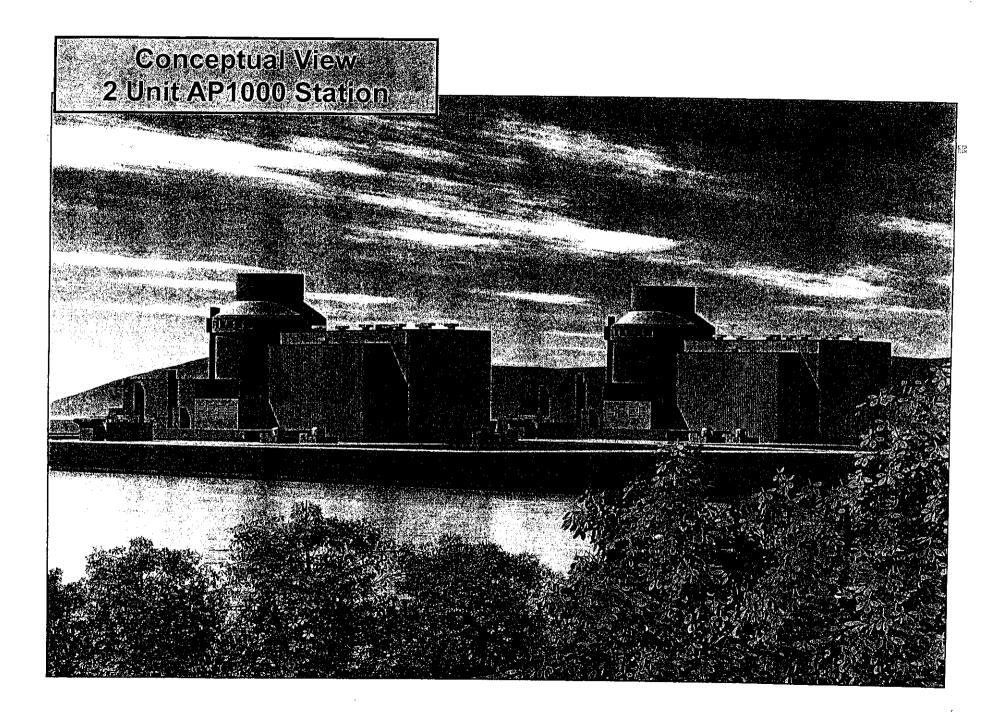
No safety-related pumps

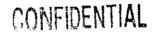


Passive Core Cooling System









Getting Started On the Ground...if

t

REDACTED



Levy Project Opportunities Near Term

- Negotiate an EPC Contract
- Finalize a Labor Union Strategy
- Complete Facilities Design
- Baseload Transmission Strategies
- Environmental Strategies
- Continue Community and Political Support
- Financing and Rate Recovery Strategies

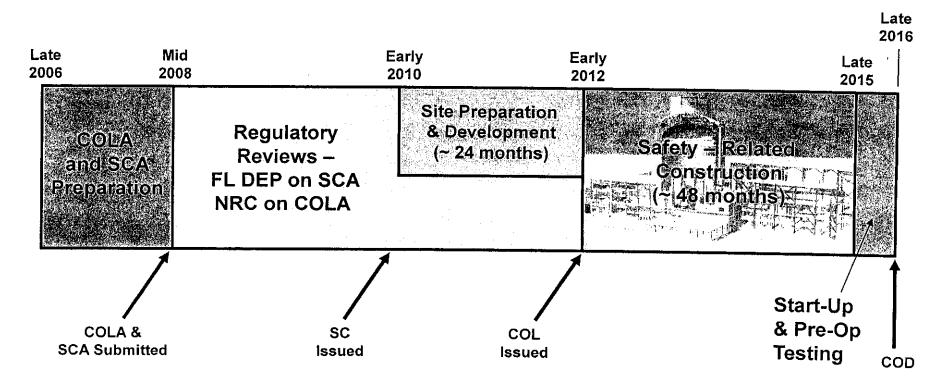


Levy Discussions

- EPC Discussions
 - Ability to Defend Prudency
 - Proper Risk and Reward Balance
 - Price and Cash Flow We Can Afford
- As You Hear Total Plant Price
 - Power Plant Itself
 - Transmission Costs
 - Greenfield Site
 - Finance Costs
 - Recovery Unlike Normal Base Rates



Levy Estimated Timeline – 1st Unit



COLA – Combined Construction & Operating License Application SCA – Site Certification Application

WE'RE LOOKING AT POWER IN A NEW LIGHT.



FLORIDA PUBLIC SERVICE COMMISSION AUDIT DOCUMENT/RECORD REQUEST NOTICE OF INTENT

TO: <u>Maritza Iacono</u>	DF INTENT
UTILITY: Progress Energy Florida	<u>Carl Vinson</u> AUDIT MANAGER
FROM: Carl Vinson	RODITIONAGER
REQUEST NUMBER: DR-7	DATE OF REQUEST: 6/13/08 - Due 6/20/08
AUDIT PURPOSE:	
REQUEST THE FOLLOWING ITEM(S) BE PROV REFERENCE RULE 25-22.006, F.A.C., THIS REQ	
ITEM DESCRIPTION:	\underline{x} OUTSIDE OF AN INQUIRY
1) Please list and provide copies of all audit reports and or Progress Energy Corporation from 2006 through 200 to the reports and findings.	
2) Please list and provide copies of all audit reports of the through 2008 to date. Please include copies of all audite	
3) Please list and provide copies of all audit reports and by PEF or Progress Energy Corporation from 2006 thro responses to the reports and findings.	
4) Please list and provide copies of all audit reports of t 2006 through 2008 to date. Please include copies of all	
	he period June 2007 to date: Monthly CR3 Uprate Cost us Report, and Monthly Financial Committee Business
6) Please provide the current Project Assurance Plans for	or Levy and CR3 uprate.

TO: AUDIT MANAGER	Carl	Vinsa

THE REQUESTED RECORD OR DOCUMENTATION:

- (1) \square HAS BEEN PROVIDED TODAY
- (2) CANNOT BE PROVIDED BY THE REQUESTED DATE BUT WILL BE MADE AVAILABLE BY -----
- (3) AND IN MY OPINION, ITEMS(S) IS (ARE) PROPRIETARY AND CONFIDENTIAL BUSINESS INFORMATION AS DEFINED IN 364.183, 366.093, OR 367.156 F.S. TO MAINTAIN CONTINUED CONFIDENTIAL HANDLING OF THIS MATERIAL, THE UTILITY OR OTHER PERSON MUST, WITHIN 21 DAYS AFTER THE AUDIT EXIT CONFERENCE, FILE A REQUEST FOR CONFIDENTIAL CLASSIFICATION WITH THE DIVISION OF COMMISSION CLERK AND ADMINISTRATIVE SERVICES. REFER TO RULE 25-22.006, F.A.C.
 (4) THE ITEM WILL NOT BE PROVIDED. (SEE ATTACHED MEMORANDUM)

Ç

DATE:

08

SIGNATURE AND TITLE OF RESPONDENT

PAGES 1 - 30 REDACTED

A Review					COLA Review Schedule	13-Mey-08 08:
2.600 Hitter	Activity Name	Physical % Rem	aining Start	Elnish?	January 2008	May 2008- (10)
the party of the s		acompletel 器 DI				28 - 12 - 19 - 5 - 28
vy COLA Rev			15 07-Jen-08 A			
lask 11- Admi	nistration		15 07-Jah-08 A	28-May-08	Y	28-M
AT11001	Begin Task 11	100%	0 07-Jan-08 A		◆ Begin Task 11	
RAT11050	COLA Package to SS&W	85%	11 07-Jan-08 A	24.14-1.05		
	COLAT SCALE IN SSATE	0376	07-Jan-08 A	20-1/189-00		
AT11060	Manegament & Administration	85%	11 07-Jan-08 A	28-May-08		,
He Character	Charles Charles		45 00 10 00 0	100 L/		28-M
CONTRACT OF CONTRACTOR CONTRACTOR	Istics - Chapter 2		15 09-Jen-08 A	بربيب والمسيرية بتر	• 11-Apr-06 A, Site Characteristics	Chapter 7 .
RAT11095	lics - Chapter 2.4		0 31-Mar-08 A		◆ Chepter 2.4 of COLA sent to SS&V	Citables 21
KA111085	Chapter 2.4 of COLA sent to SS&W	100%	a ⁱ	31-Mar-08 A		
AT11134	Internal Discipline Review of Chapter	100%	0 03-Apr-08 A	09-Apr-08 A		
	2.4 of COLA	i				
AT11145	Internal Independent Review of Chapter	100%				
	2.4 of COLA	100%	0 04-Apr-08 A	11-Apr-06 A		
	e e como e a conservação de como como como como como como e a servação de como e como e como e como e de como e	: 			_	1
AT11055	Prepare Chapter 2.4 comments for transmittel to client	100%	0 10-Apr-08 A	11-Apr-08 A	L L L	
		÷		; ;		1
DAT11045	Transmil Chapter 2.4 comments to	100%	0 11-Apr-08 A	11-Apr-08 A	۱ <u> </u>	
	client			<u></u>	◆ Chapter 2.4 of COLA - Complete	1
AT11106	Chapter 2.4 of COLA - Complete	100%	D	11-Apr-08 A	Ghapter 2.4 of COLA - Complet	
Site Characteria	tics - Chapter 2.5		15 09-Jan-08 A	28-65-29-05		28-1
	stics - Chapter 2.5.1		0 09-Jan-06 A		with the second s	
	Chapter 2.5.1 of COLA sent to SS&W	100%	0	OP-Jan-08 A	● Chapter 2.5,1 of CDLA sent to SS&W	
AT11144	Internal Disciptine Review of Chapter	100%	A 80-rsL 90 0	21-Jen-08 A		
	and the second s	i i	-			
AT11185	Internal (ndependent Review of Chapter	100%	0 10-Jan-08 A	25-Jan-08 A		1
1	2.5.1 of COLA		i	j l		
AT11205	Prepare Chapter 2.5.1 comments for	100%	0 29-Jan-06 A	29. les 05.4		
	Iransmittal to client	100%	0 29-Jan-06 A	23+J87-08 A	·-	1
	Transmit Chapter 2,5,1 comments to client	100%	0 30-Jen-08 A	30-Jan-08 A	· · · · · · · · · · · · · · · · · · ·	
		:	1	!		
AT11116	Chapter 2.5,1 of COLA - Complete	100%	0	30-Jan-06 A	Chapter 2,5,1 of COLA - Complete	
						28-1
The second se	firs - Chapter 2.5.2		15 12-May-98	28-May-08		Chapler 2.5.2 of COLA
C	Chapter 2.5.2 of COLA sent to SS&W	0%	0	12-Msy-08		
AT11154	Internal Disciptine Review of Chapter	0%	5, 15-May-08	22-May-08		
	2.5.2 of CDLA			1		
AT11245	Internal Independent Review of	0%				131 HOUR
	Chapter 2.5.2 of COLA	0.4	5 16-May-08	23-May-08		
	the state of the second se	ا 				
Demoiste 1					Page 1 of 4 [YASK After: All Activities	
ne naining Lavel of	Effort Project Baseline Bar C	Remainin	na VVark I			

CONFIDENTIAL

A Review						COLA Review Schedule		13-Mey-08 08:51
	Activity Name	Physical % Complete	Remaining Sta		lnish (sir) 1215 - A	[2017] 2008 2008 2009 2009 2009 2009 2009 2009		May 2008//2008
AT11265	Prepare Chapter 2.5.2 comments for transmittel to client	0%	the second s		27-May-06			12 19 26 02
DAT1106	Transmit Chapter 2.5.2 commenta to client	0%	1 27-	May-08 2	29-May-08		_	a
AT11126	Chapter 2.5.2 of COLA - Complete	0%	0		8-May-08			◆ Chapie
Site Charact	effslics - Chapter 2.5,3			Mar-08 A 1				
	Chapter 2.5,3 of COLA sent to SS&W	100%	0		1-Aprela A		▼ T1-Apr-06 A, Site Characteriatics - Chapter 2.5,3 of COLA sent to SS&W	Chapter 2,5.:
AT11164	Internal Discipline Review of Chapter 2.5.3 of COLA	100%	0 02-	Apr-08 A 0	7-Apr-06 A			
AT11305	Internal Independent Review of Chapter 2.5.3 of COLA	100%	0 02-4	Apr-08 A 0	9-Apr-08 A			
AT11325	Prepare Chapter 2.5.3 comments for transmittal to client	100%	0 10-7	Apr-08 A 1	0-Apr-08 A		' <u> </u>	
DAT11075	Transmit Chapter 2.5.3 comments to client	100%	0 11-4	Apr-08 A 1	1-Apr-08 A		۰_	
AT11136	Chapter 2.5.3 of COLA - Complete	100%		1	1-Apr-08 A		Chapter 2.5,3 of COLA - Complete	
	ristics - Chapter 2.5.4		15 12-N	vlay-08 2	8-Way-08			28-Ma
RAT11135	Chapter 2.5.4 of COLA sent to SS&W	0%	0		2-May-08*			Chapter 2.5.4 of COLA se
AT11174	Internal Discipting Review of Chapter 2.5,4 of COLA	0%	5 15-4	day-08 2	Z-May-OB			100 15 (2000
AT11365	Internal Independent Review of Chapter 2.5.4 of COLA	0%	5 18-N	Aey-08 2:	3-May-08			(And the second s
AT11385	Prepare Chapter 2.5.4 comments for transmittal to client	0%	1 23-4	lay-08 2	7-May-D6		-	(1927)
DAT11085	Transmit Chapter 2.5.4 comments to client	0%	1 27-10	Any-Câ 20	8-May-08		-	œ
AT11146	Chapter 2.5.4 of COLA - Complete	0%	0	21	5-May-Dô			+ Chapte
/ironmenta	Report (ER)	یہ¦ بر پہ ہ ناج ≥اب	0 07-J	an-08 A 1	Apr-08 A		11-Apr-08 A, Environmental Report	I (ER
hvironmental	Report - Chapter 1	e - Seening and	0 07-J	an-08 A 17	A 80-net-	Viscontenter 17-Jan-98 A, Environmental Report - Chapter		
RAT11695	ER Chapler 1 of COLA sent to SS&W	100%	0	10	Jan-08 A	♦ ER Chapter 1 of COLA sent to SS&V.	1	
AT11725	Internal Discipting Review of ER Chapter 1	100%	0 08-7	an-08 A 15	Jan-06 A			
AT11745	Internal Independent Review of ER Chapter 1	100%	0 10-Ji	an-08 A 14	I-Jan-08 A			

Review					COLA Review Schedule 13-Mey-06 06:51
	Activity Name	Physical % R Complete	emaining Start	Finish	2000 X 2000
AT11755	Prepare ER Chapter 1 comments for transmittel lo client	100%	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A 17-Jan-08 A	
DAT11735	Transmit ER Chapter 1 commants to Progress Energy	100%	0 17-Jan-08 /	A 17-Jan-08 A	i
AT11765	ER Chapter 1 of COLA - Complete	100%	0	17-Jan-08 A	◆ ER Chapter 1 of COLA - Complete
nvironmenta)	Report - Chapter 2		0 27-Mat-08	A 11-Apr-08 A	11-Apr-08 A, Environmental Report - Chapter
RAT11705	ER Chepter 2 of COLA seni to SS&W	100%	0	27-Mar-08 A	◆ ER Chapter 2 of COLA sent to SSAV
AT11775	Internal Discipana Review of ER Chapter 2	100%	0 28-Mar-08	A 04-Apr-08 A	
AT11785	Internal Independent Review of ER Chapter 2	100%	0 01-Apr-08 A	02-Apr-06 A	L
AT11795	Prepare ER Chapter 2 comments for transmittal to client	100%	0 07-Apr-08 A	10-Apr-08 A	-
DAT11745	Transmit Final ER Chapter 2 comments to Progress Energy	100%	0 11-Apr-08 A	11-Apr-08 A	_•
AT11805	ER Chapter 2 of COLA - Complete	100%	0	11-Apr-08 A	◆ ER Chapter 2 of COLA - Complex
	Report - Chapter 3		0 30~Jan-08 A	11-Feb-08 A	11-Feb-08 A, Environmental Report - Chapter
RAT11715	ER Chapter 3 of COLA sent to SS&W	100%	0	30-Jan-08 A	♦ ER Chapter 3 of COLA sent to \$664
AT11815	Internal Disciplina Review of ER Chapter 3	100%	0 31-Jan-08 A	06-Feb-08 A	
AT11825	Internal Independent Review of ER Chapter 3	100%	0 01-Feb-08 A	04-Feb-08 A	
AT11835	Prepare ER Chapter 3 comments for transmittal to client	100%	0 11-Feb-08 A	11-Feb-08 A	ے ا
DAT11755	Transmit Final ER Chapter 3 comments to Progress Energy	100% (0 11-Feb-08 A	11-Feb-08 A	L
AT11845	ER Chapter 3 of COLA - Complete	100%	•	11-Feb-05 A	ER Chapter 3 of COLA - Complete
te i fin a generate a co	i		¥	i	
	teport - Chapter 4 ER Chapter 4 of COLA sent to \$38W			11-Apr-08 A	V 11-Apr-08 A, Environmental Report - Chapter
	Circ Chapter 4 of COLA Jant to \$55W	100%	0	01-Apr-08 A	◆ ER Chapter 4 of COLA sent to SS&Vi
AT11885	Internal Independent Review of ER Chapter 4	100%	0 01-Apr-08 A	02-Apr-D8 A	•
AT11855	Internal Discipline Review of ER Chapter 4	100%	0 01-Apr-08 A	07-Apr-08 A	
AT11875	Prepare ER Chapter 4 comments for transmittal to client	100%	0 10-Apr-08 A	11-Apr-08 A	₹
· · · · · · · · · · · · · · · · · · ·	ter and a second and a second second			<u></u>	
maining Level o		Remai	ining Winck	<u> </u>	Page 3 of 4 TASK (Ner: All Activities

i

• . .

DLA Review					COLA Review Schedule	13-Mey-08 0
ID N	Activity Name	Physical % Rec Complete	nelning Start	Elnish - State	May 2008 2008 2008 2018 2018 2018 2018 2018	08
OAT11765	Transmit Final ER Chapter 4 commenta to Progress Energy	100%	0 11-Apr-08 A	1. 特别的关系的 化		19 . 20
AT11885	ER Chapter 4 of COLA - Complete	100%	0	11-Apr-08 A	◆ ER Chapter 4 of COLA - Complete	
LWA & Site Re	dress Plan	a. / K ·	0 02-Apt-05 A	16-Apr-08 A	16-Apr-06 A, LWA & Sile Retress P	ar
RAT11385	LWA & Site Redress Plan of COLA sent to SS&W	100%	° j	02-Apr-08 A	◆ LWA & Site Redress Plan of COLA sent to S\$6V.	(a)
AT11405	Internal Independent of LWA & Site Redress Plan	100%	0 03-Apr-08 A	08-Apr-08 A		
AT11395	Internal Discipline Review of LWA & Sile Redress Plan	100%	0 03-Apr-08 A	15-Apr-08 A		
AT11415	Prepare LWA & Site Redress Plan comments for transmital to client	100%	0 15-Apr-08 A	15-Apr-08 A	• _	
DAT11425	Transmi LWA & Site Redress Plan comments to Progress Energy	100%	0 18-Apr-08 A	16-Apr-08 A	۰ _	
AT11435	LWA & Site Redress Plan of COLA - Complete	100% :	• • • • • • • • •	16-Apr-08 A	♦ LWA & Site Redress Plan of COLA	- Complete
Auxillary Sveta	ms - Chapter 9	·····	15 12-May-08	100.100		
	Aurillary Systems Chapter 9 of COLA sent to SS&W	0%	0	28-May-08 12-May-08*	Auzili	ary Systems Cl
AT11155	Internal Discipline Review of Auxiliary Systems Chapter 9	0%	5 15-May-08	22-May-08	50%	
AT11165	Internal Independent Review of Auxiliary Systems Chapter 9	0%	5 16-May-08	23-May-08	028	2011
AT11175	Prepare Auxillary Systems Chapter 9 comments for transmittel to client	0%	1 23-May-06	27-May-08	-	(1921-202)
DAT11205	Transmil Auxillary Systems Chapter 9 comments to client	0%	1 27-May-08	28-May-08	-	ß
AT11215	Auxillary Systems Chapter 9 of COLA - Complete	0%	0	28-May-08		* A
OLA Review C			0 28-May-08	28-May-08		▼ 2
AT11090	COLA Reviews - Complete	0%!	0	28-May-08		+ C
Remaining Level of	Effort Project Baseline Ber	Remaini	ng Work	,	Page 4 of 4 TASK filter: All Activities	
Actual Lavel of Effor		Critical P				

CONFIDENTIAL

ī

,

LWA & 2015 COO Sup			ŝ	SCA & LWA	Support & 20	18COD Suppo	ərt								07-	May-08 07:34
						alia (% 1.3	ñ Maria	2	0	1	<u>Maria a</u>	<u></u>			3	000
6-30-08 Progress		11-Feb-08 A	08-Sep-08		Net 5.5		it. Miy	1990 - 19 90 - 19	રે કુ ં મુંદ્ર	A4.	849	¢e -	Nev	Dea	Jen	Fab
Project Managem	ent & Administration		30-Jun-08	S.	1	1					:					1
PROJODI	SCA & LWA Project Management & Administration Support		30-Jun-08	2	-	;	1	:	SCALIN	A Project Man	verent t és	i Insin letration #				
PROJ130	2016 COD Engineering Support Project Management & Administration		30-Jun-08		, ,	<u>;</u>	1	1		Engineering S	ć.	1	([*])	1 1		1
Procurement & L			30-Jun-08	-	н 		1		2018 COD	coginaaning s	uppon Projec	, Managemen	i Administrat '	ĸ		i
PROC001	SCA & LWA Procurement & Logistics Support- Produce LLM Procurement			·		4			-445.476.7							
PROC140	2016 COD Procurement & Logistics Support	and an according to the set of the	· · · · · · · · · · · · · · · · · · ·				1			A Procurement	j	• · · ·	ice LLM Procu :	rement Spec		
Subcontract Adm			30-Jun-08		1		1	t de la companya de l	2016 COO	Procurement &	Logistics Su	фрон				:
SUBC150	2016 COD Subcontract Aministration Support	والمتحد والتحدد الماكن	30-Jun-05			1						1				1
Document Contro	2010 COD Subcontract Americation Support		30-Jun-08				י <u>ן</u> א		2016 COD	Subcontract A	ministration S	ирроі				1
DOC100	- many structure of the Without the structure of the s	3月22度 デビア 対応	30-Jun-08			1	2			}						1
DOC160	SCA & LWA Document Controls Support	11-Feb-08 A	30-Jun-08			·····	1	;;	SCALLW	Occument C	ontrols Suppo	7				
	2018 COD Document Controls Support		30-Jun-08				<u>1</u>	<u></u>	2016 COD	document Co.	irola Suppor	1				
Quality Assurance		11-Feb-08 A	- 30-Jun-08		!	1		1		;	i i	1				1
GAOG100	SCA & LWA Quality Assurance/Quality Control Support	11-Feb-08 A	30-Jun-08		<u></u>		4	 	SCA & LW	🤹 Quelly Assu	villev@\eaner	Control Supp	0r			
QAQC170	2016 COD Quality Assurance/Quality Control Support	01-Apr-08 A	30-Jun-08		1		<u> </u>		2016 COD	duality Assura	ince/Quality C	ontrol Suppo				1
Project Controls		11-Feb-08 A	30-Jun-05	· · · · · · · · ·				;		*			{· · · · · · · · · ·			
PROJC10	SCA & LWA Project Conircis Support	11-Feb-08 A	30-Jun-08			-			SCA & LW	Project Conl	rois Suppor					į
PROJCISD	2016 COD Project Controls Support	01-Apr-08 A	30-Jun-08				1			Project Contro	,					
Engineering Mana	gement	11-Feb-08 A	30-Jun-08	1		1	1					1		: :		1
ENGTOD	SCA & LWA Engineering Managament Support	11-Feb-08 A	ala caite				<u> </u>		SCA & LW	Engineering	Management	Suppol				
ENG190	2018 COD Engineering Management Support	01-Apr-08 A								Engineering M						
Licensing Enginee		11-Feb-08 A					:			1		1				
L#C100	SCA & LWA Licensing Engineer Support	11-Fab-08 A	and a second second						SCALLW	Licensing En	gineer Suong	-				
LIC200	2016 COD Licensing Engineer Support	01-Apr-08 A						:		Licensing Eng	F		1			
SCA - Systems En		11-Feb-08 A		;			1		2010 000	i i i		-				
PROJIDO	Begin SCA & LWA Engineering Support	11-Feb-08 A	130-000-06	1		Enployed Ing St	1									
PROJ110	Begin 2016 COD Engineering Support				OCA & LANA I		Y C			;						1
PROJ140	Finalize - Identification & Classification of Price Reduction Opportunities	01-Apr-08 A	ا بين بينينا.			• 20gm 2016	COD Engine			1		1				
PROJZDO	SCA & LWA Support Complete	ļ	, 30-May-08*					(Finalize - Idę				çtion Opportu	(ili)			
PROJ120	star and star	 	30-Jun-08			1		, ,		Support Con						
CWS	End 2016 COD Engineering Support	L	30-Jun-08*			!		<u></u>	End 2016 C	DD Engineeri	ng Suppor	1				
System Dagn Check		27-Mar-08 A				1				}	}		,		• • • • •	1
CWSSDC101		01-Apr-98 A	J	li		1				}	1	1				
840	2018 COD System Dsgn Checklist	01-Apr-08 A	1	1		-	<u> </u>	<u> </u>	2016 COD	System Dsgn (Checklis '	į				1
CHARGE		27-Mar-08 A				-					;	1				
CWSSSDE150	CWS - Provide Electrical Input into SSD	27-Mar-08 A	12-Mey-08			1		Provide Electr			i 1	ļ				
CW6SSOI160	CWS - Provide I&C Input into SSD	27-Mar-08 A						เค้าวิธีเ ้อย์เงอานี้	-	•						
CW\$S5DC170	CWS . Provide Civit Input into SSD	27-Mar-08 A	12-May-08				cws-	Provide Civil }	nput into SS	5	ł	1				
CWSSSD100	CWS - Prep SSD	27-Mar-08 A	12-May-06	;	-		cws.	Prep SSD		1	1					
CW5SSD110	CWS - Internal Review SSD	13-May-08	22-May-08			1	°	VS - Internet A	leview SSE		:	1				
CWSSSD120	CWS - Incorporate Comments SSD from Internal Review	23-May-08	30-May-08					CWS - Incorp	orale Comm	phia 850 from	internal Rev	le:				1
W /						rogress Energy	,	Date			Revisio		بب ۲	Checked		Dioved
					Pr	odiess cueiĝi	,	07-May-08			r.evi510	<i>///</i>	+	GRECKED		oproved

· · · · ·	Support Schedule			SCA & LWA Ş	upport & 201	BCOD Suppo	1							07-	May-08
			Finish	Same Same	Sec. Sec.		and the second second	2006			And Second				XXI
CWSSSD	160 CWS - Client Review SSD	02-Jun-08	13-Jun-08	- -	Mar	A	Net	CWS CI			Od	Nev	Der	Jên	F.
CWSSSD1	150 CWS - Incorporate Comments SSD from Cilent Review	16-Jun-08	23-Jun-08							loop -					1
CWSSSD1		24-Jun-08	30-Jun-08	-			ļ		Incorporate Commer	· · ·	ierst Plavia				1
CWSSSD1	40 CWS - SSD - Complete		30-Jun-08)	/S - Approve/Issue S&						÷
Cales		27-Mar-08					1	• CV	/S - SSO - Complete						1
Menhanteal	Cafes			·						; ;					i.
CWSME	150 CWS - Prep Mechanical Calca	27-1/201-08						1	;	1					
CWSME			12-May-08	_				Prep Mechanical C							ł
CWSME		13-May-08	22-May-06					WS - Review Mecha	1						
CWSME	the point connients methanical cales	23-May-08	29-May-08		1		1	r i	a Commenta Mechani						1
CWSME		30-May-08	04-Jun-08					i ()	Mesue Mechanical Ca	siþa	1				
Dwgs	orro - mechanical calcs - Complete		04-Jun-08					 CWS - Mechan 	ical Calcs - Completi	1					}
P&ID a		······	30-Jun-08												1
CWSME			30-Jun-08							1	ţ				i -
	300 CWS - Provide Electrical Input to P&ID's	and a state second and second	12-May-08		ļ		📼 cws-j	Prep P&ID's		1					1
CWBICE		03-Apr-08 A	12-May-08				aaa CWS-j	Provide Electrical I	input to HarD's						
CWSME2		03-Apr-08 A	12-May-08	1]		CWs 🗄	Provide I&C pipul (to Paid (÷;	·····;			· • • • • • • • • •	
CWSMEZ		13-May-08	27-May-08		į			CWS - Internal Rev	iew Pôlo's	1			1		i
CWSME2 CWSME3		26-May-08	10-Jun-08		1	1	Ċ	CWS - Incorp	porate Comments P&I	D's from Interna	il Revies	ļ			1
		11-Jun-08*	24-Jun-08				į	c=== ¢ws-	Client Review P&ID's				1		:
CWSME3	the second contraction of the second coveral reaview	25-Jun-08	26-Jun-08			:	1	a CWS	- Incorperate Comme	nta P&IO's from	Client Revies	1	Ì		į
CWSMEZ		27-Jun-06	30-Jun-08	1				ď čw	รี - Approvallssuu Pa	ibs		• • • • • • • • • •	• • • • • • • • • • • •		
CWSMEZ			130-Jun-08		i			+ cw	S - PâlCis - Complete		1		-		1
and the second second second second second	collone, & Profile Dwgs	16-May-08	30-Jun-08				1	1					i		
CWSME2	i the state of the	16-May-08	06-Jun-08				<u> </u>	CWS - Prep Pig	ping Plan, Sections, J	Profile Owge	į				;
CWSMEZ	the state of the s	09-Jun-08	18-Jun-08	i i			1	CWS - Re	view Pibing Plan, Se	çions, & Profile	Dwg				
CWSMEZ		s 19-Jun-05	24-Jun-08					G AWS	Incorporate Comman	ts Piping Plan	Sections, & Pa	ohie Dwg	••••••		
CWSME28	in a contract of the second state of the secon	25-Jun-08	30-Jun-08		-			C CW	S - Approve/lesue Pip	ing Plan, Secto	ns, & Profile C)wg:			
CWSME28			30-Jun-08		į	Ĭ		¢ CW	S - Piping Plan, Secto	ns, & Profile Dv	vgs - Complét	, i			
	und Support	12-Mey-08	10-Jun-08			1					;	i			
	290 CWS - Prep Underground Pipe Support Dwgs	12-May-08	60-Jun-08				فيتسب	🗂 CWS - Prep Un	derground Pipe Supp	orl Dwgs	1				
CWSCSE3	000 CWS - Review Underground Pipe Support Dwgs	09-Jun-06	16-Jun-08		·····	••••••	••••••	CW8 - Rev	view Underground Pip	Support Dwg	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
CWSCSE3	10 CWS - Incorporate Commants Underground Pipe Support Dwgs	17-Jun-08	24-Jun-08			3		🗖 ¢ws.	Incorporate Commen	is Underground	Pipe Support	Dwg	÷		
CWSCSE3	20 CWS - Approve/Issue Underground Pipe Support Dwgs	25-Jun-08	30-Jun-08		1		i i	d cws	S - Approve/Issue Und	erground Pipe	Support Dwg:		1		
CWSCSE3	70 CWS - Underground Pipe Support Dwgs - Complete		30-Jun-08		į	;		+ cws	S - Undiground Pipe	, Support Dwgs -	- Completi				
	Lifreë, Loze Liste, B. Three Lines	01-May-08 A	18-Juni-08			1	1	ļ	1		1		i.		
CWSEE340	The state of the case, core class, a three case	01-May-06 A	22-May-08		•••••	·····	cw	S Prep Electrical	One Lines, Load Use	1,6 Three Line:		••••-			
CWSEE350	Control Home Circal One Circas, Load Lists, & Three Lines	23-May-05	04-Jun-08			1		CWS - Review E	lectrica) One Lines, L	, pad Lists, & Thi	ree Line	1	1		
CWSEE360	Load Lists, 6 1	hree U., 05-Jun-08	12-Jun-08			:			porate Comments Ele			& Three Line			
CWSEE370	the citetical one citet, coas cista, a Three Die	13-Jun-08	16-Jun-05			i			proveAssus Electrical	• •	,	r		1	
CWSEE380	O CWS - Electrical One Lines, Loed Liets, & Three Lines - Complete		16 Jun-08					+ CWS - Ele	ctrical One Lines, Lo	d Lisis, & Thie	e Lines - Cojn	plet	1	į	
		·								. <u> </u>				<u> </u>	·
					H, LOČ	gress Energy		Date 07-May-06		Revision			Checked	App	roved

CONFIDENTIAL

& 2016 COD Suppor	T Schedula			SCA & LWA	Support & 20	16COD Supp	prt								07-	Any-08 07
	Address Norma	-	Finish						2004							
Spices		16-May-06	30-Jun-08	Peb	Ner Ner	Ax	Sector Mary	N	1.1	Aire		6 4	Hev	DH	Jen	Fab
Crediton Borns		10-May-08	30-Jun-08		1	1	1		i				1			
CWSCSE330	CWS - Prep Erection Specs	16-May-06	13-Jun-08		2	<u>;</u>							1	1		1
	CWS - Review Eraction Specs	16-Jun-08	20-Jun-08				<u></u>		- Prep Erec	- F				1		
	CWS - Incorporate Comments Erection Specs	23-Jun-08	20-Jun-08	-	1	1	1			Election S;			1			
	CWS - Approve/Issue Erection Spece	26-Jun-08		·					,		mențis Erectior					
	CWS - Erection Specs - Complete	20-JUA-08	30-Jun-08		1))			,	,	Erection Spec		;	1		
Pipe Produrement		02-Jun-08	30-Jun-08 30-Jun-08			1			CWS-En	ecțion Speci	- Cþmplete		1			
Bud sugar day and a strategy and and	CWS - Prepare Pipe Procurament Specification - COD 2018	02-Jun-01	13-Jun-08	ſ	i				-				1			
CWSME181	CWS - Review Pipe Procurement Specification - COD 2016	16-Jun-08	20-Jun-08	1	:	1			4	,		lon - COD 2011		i i		
CWSME191	CWS - Incorporate Comments Pipe Procurament Specification - COD 2018		-									atiþa - COD 20	•			
	CWS - Approve/Issue Pipe Procurement Specification - COD 2016	30-Jun-08	27-Jun-08		ł	;			1	,		age friemen sa	•	201		
	CWS - Pipe Procurement Specification - COD 2016 Complete	30-301-08	30-Jun-08		}			I		•	,	whit Specificatio		i i		
RS		11 Pak 08 7	30-Jun-08		!	1		•	CWS - Pip	Procurem	ent Specificati v	n + COD 2016	Cþraplet-			
DRSSDC121	2016 COD - Support Price Reduction Evaluations	Contraction of the state of the	30-May-08		ł								1			
Gystem Dsgh Checklis								2016 COD -	Support Pri	ce Reductio	n Evialuation		j			
DRSSDC111	2016 COD System Dagn Checkist		30-Jun-08							ļ			}	[]]		
990			30-Jun-08						2016 COD) System Ds	gn Checklisi	1	1			
DR\$65D360	DRS - Prep SSD		09-May-08		1	- 000 0										
which is a subsequence of the second strength	DRS - Review SSD		07-Apr-08 A			DRS - Pr			1				-			
the second reaction to the second	ORS - incorporate Comments 850		01-May-08 A				DRS - Revie	-						1		
and the second sec	DRS - Approve/Issue SSD		02-May-08 A	1			DRS-Inco									
Contract and an end of the second	DRS - \$5D - Complete	05-May-08	09-May-08	1			DRS-A)	SO - Complet						; ;	-	
Cales		27-Mar-08 A	.L				t uRs-s	so - Complet		1	1	ł				
Building Root Draina	RU	19-Miay-08	19-Jun-08							1	1	1				
DRSC8E680	DRS - Prep Building Roof Drainage Calc	19-May-08*	04-Jun-08						- 6 - 6 - 7 - 7	. ـ					, , ,	
	DRS - Review Building Roof Dreinege Calc	05-Jun-08	10-Jun-08					DRS Pre			1					
DRSCSE700	DRS - Incorporate Comments Building Roof Dreinage Calc	11-Jun-08	16-Jun-08				{ }			+T	r -					
	DRS - Approve/Issue Building Roof Drainage Calc	17-Jun-08	19-Jun-08							1	s Syllding Roo ng Roof Orsine		; ;			
DRSCSE720 (DRS - Building Roof Drainage Cate - Complete		19-Jun-08													
Culvants Disart		18-Apr-D8 A	1 1					• • • • • • • • • • • • • • • • • • •			ge Ĉalc - Com	нын 	Į			
	DRS - Prep Culveria Disgn Calc	All the state of the Andrews of	28-Apr-08 A				DRS - Prep C	ubarle De	C							
	Per Paula cut de la cut de		01-May-08 A				DRS - Review			1	÷	1			:	
الأحمري والمحاصية والمحاد المحاد المحاد	De lange la company de		02-May-08 A				DRS - Incom		-	Dean Col	1	1				
	Carl State and the second s	05-May-08	06-May-08 A			-	p DRS-App					÷			l l	
	RS - Culverts Dsgn Calc - Complete		06-May-08				● ORS Cul)	-							
Drainage Pipe Calc		28-Apr-00 A	08-May-08		i	Ì			ale - veniple	1	ł	ł	1			
DR\$CSE480 0	RS - Prep Drsinage Pipe Dsgn Calc	<u></u>	30-Agr-08 A				ORS - Prep D	; tainane Pine	Oson Cal	:	1	1				
DRSCSE490 D	De David De De Carte de La companya	30-Apr-08 A	An entre of the second			2	DRS - Review		-	4	1					
	and a second		02-May-08 A			•	DRS - Incolp				1 CNI			1	÷	
· · · · · · · · · · · · · · · · · · ·	ter an enter an enter the antiper the second se									ul. un un agr			<u>.</u>			

•

016 COD Support Schedule	[ş	CA & LWA	Support & 201	ISCOD Suppo	1								07.4	May-08 07:3
Ad-wy Name		Field		an an tha the	L a cogo	n. Marine Marine	a de la casa	7000		<u></u>		2 3 12 12 13		20	
DRSCSE510 DRS - Approve/lasue Drainage Pipe Dagn Calc	05-May-08	08-May-08	- *	Net	Apr		pprove/lasus		ANI -	949	0	Nev	Dee	eut	Feb.
DRSCSE520 DRS - Drainage Pipe Dson Caic - Complete		06-May-08			-							Ì	;	1	1
Drop bilet Capacity Dsgn (1999) and the second participation of the second		06-May-08	i .			↓ OKS+L	Vininaga Pipa	vegn Calc - I		1		1	1	1	ł
DRSCSE530 DRS - Prep Drop Inlet Capacity Dagn Calc-	in the second management of	The Party of the African					1	1		1	1	1		i i	i i
DRSCSE540 DRS - Review Drop Inlet Capacity Dagn Calo	an an and a state time to an any sugar	29-Apr-08 A		1			Drop Inlet Ca			i.	į		-	i i	ł
DRSCSE550 DRS - incorporate Comments Drop Infet Cepacity Dsgn Calc		01-May-08 A	ļ				ew Drop Iniet						1	1	<u>!</u>
DRSCSES60 DRS - Approve/lasue Drop Inlet Capacity Dagn Calc		02-Mey-08 A							let Capechy D	4	ł	1	1		
DRSCSES70 DRS - Drop Iniet Capacity Dsgn Calc - Complete	05-May-08	06-May-08	[pácity Dsgn C	el,	-		1	1	1 + 1
Storn Water Angenti Basins		06-May-08				◆ DR6 - D	rop inlet Capa	elty Dagn Ca	o-Complet	1	1	1	1		1
DRSCSE550 DRS - Prep Storm Water Mngmnt Basins Celc		02-May-08 A					:	ł	1	į	;	1	1		
	· · · · · · · · · · · · · · · · · · ·	28-Apr-08 A					Slorm Water N		1	1	1		1	1	1
DRSCSE590 DRS - Review Storm Water Mogmont Basing Celc		30-Apr-08 A					w Storm Wat					1			
DRSCSE600 DRS - Incorporate Comments Storm Water Mingmit Basins Calc	01-May-08 A	01-May-08 A					1	1	Vater Mngmot		1		1		1
DRSCSE510 DRS - Approve/Issue Storm Water Mngmnt Basins Calc	01-May-08 A	02-May-08 A)			DRS - App	iþve/issue Sid	hm Water Ma	gmnt Basins (Cal	1		1		Ì
DRSCSE620 DRS - Storm Water Mingmit Basins Calc - Complete		02-May-08 A				DRS - Stor	m Water Mng	mini Basins C	aic - Complete	1	<u>.</u>		-		1
literitative Water Choliny BinP's	31-Mar-08 A	25-Apr-08 A							1	:	1		1	;	1
DRSCSE630 DRS - Prepare Alternative Water Quality BMP's Calc	31-Mar-08 A	14-Apr-08 A			DRS	Prepare Alle	(naive Weler	Duality BMP	ki Cal		÷	.	· · · · · · · · · · · · · · · · · · ·	; 	;·····
DRSCSE940 ORS - Review Alternative Water Quality BMP's Calc	14-Apr-08 A	17-Apr-08 A			DR9	- Review Alt	emetive Wate	Quality BMF	ris Cal	1			1		•
DRSCSE650 DRS - Incorporate Comments Alternative Water Quality BMP's Calc	21-Apr-08 A	23-Apr-08 A			• O	tS - Incorpor	ate Comments	Alternative !	Waler Quality	BMP's Ca	1		1		
DRSCSE660 DRS - Approve/Issue Allemative Water Quality BMP's Calc	24-Apr-08 A	25-Apr-08 A		1	. इ.म्	RS - Approv	d/Issue Altern	știve Water C	hijality BMP's (c)ai	į.	r •	;		•
DRSCSE670 DRS - Water Quality BMP's Calc - Complete	1	25-Apr-08 A			♦	RS - Waler (µality 8MP's	Calc - Compl	eļu 🛛	1	-	1			1
rzinage Ditah (raga	03-Apr-08 A	02-May-08 A					•	!		1			· · · · · · · · · · · · · · · · · · ·		
DRSCSE730 DRS - Prep Drainage Ditch Dagn Calc	03-Apr-08 A	14-Apr-08 A		i	ORS -	Prep Draines	e Ditch Dsgn	Calc	;				:		
DRSCSE740 DRS - Review Drainage Ditch Dagn Calc	15-Apr-08 A	21-Apr-08 A			E DR	S - Review C	rainaga Oltch	Oson Cale	-	1				-	5
DRSC6E750 DRS - Incorporate Comments Drainage Ditch Dagn Calc	22-Apr-08 A	23-Apr-08 A			I D	S - Incorpor	ele Commente	Drainage Di	tch Dagn Cal	1	i.			1	
DRSCSE780 DR3 - Approve/Issue Drainage Ditch Dagn Celc	24-Apr-08 A	01-May-08 A	1			ORS - Appr	, ove/Issue Dre	nage Ditch D	Ngn Cal					1	-
DRSCSE770 DRS - Drainage Ditch Dagn Calc - Complete		02-May-08 A				DRS Drai	age Ditch Da	on Calc - Coi	mpletr	******		! !	·····		
nergy Dissipatora	A 80-rsM-1C	02-May-DB A			1			1					1		
DRSCSE780 DRS - Prep Energy Dissipaters Celc	31-Mar-08 A	15-Apr-08 A	i	i i	DRS	Prep Energy	Dissipaters C	ak	-	1					
DRSCSE790 DRS - Review Energy Dissipaters Calc	16-Apr-08 A	21-Apr-08 A	-		E DR	3 - Review E	nergy Dissipe	ers Cah	-	ł		1			
DRSCSE800 DRS - Incorporate Comments Energy Dissipaters Calc	22-Apr-08 A	23-Apr-08 A			10	9 - Incorpor	te Commente	Energy Diss	ibaters Cel	1					
DRSCSE810 DRS - Approve/Issue Energy Dissipaters Calc	24-Apr-05 A	01-May-08 A	· · · · · · · ·			ORS - Appr	valissus Ene	, ygy Diseipate	di Cal			{			
ORSCSE820 ORS - Energy Dissipaters Calo - Complete		02-May-08 A		1		DRS - Ener	; py Dissipater;	Calc - Com	złeti	1	į				!
prajp Outlet Protection	03-Aþr-08.A	02-May-08 A		Í				•		1					
DRSCSE830 DRS - Prep Riprep Outlet Protection Calc	03-Apr-08 A	29-Apr-08 A	ł			DRS - Prap F	, Siprap Oullet	, Protection Ca	R.	1	, , ,				• •
DRSCSE640 DRS - Review Riprap Outlet Protection Calc	29-Apr-08 A	30-Apr-08 A		1	. d	DRS - Revie	w Riprap Out	et Protection	Čel	1	:	[:		•
DRSCSE850 DRS - Incorporate Comments Riprap Outlet Protection Calc	01-May-08 A		· - · · · · · · ·	•••••					Utlet Protectio	d Cel					
ORSCSE800 ORS - Approve/Issue Riprep Outlet Protection Calc	02-Mey-08 A		1	1	1	DR8 - Appr	pve/issue Rip	rap Outlet Pr	ntection Cal	1	1	•			
DRSCSE870 DRS - Riprap Outlet Protaction Calc - Complete		02-May-08 A	1	1			p Outfat Prot		÷.				1		
	10-Mar-08 A	1	ļ	ļ						-	,				
				1	[1	1	ł	;		; ;		;

& 2016 COC Support	Schedule Activitie		S	CA & LWA S	upport & 2016	COO Suppor	1								07-	May-08 07:3
3-2			Tinish 2						01 996, etc. 32		S		A		20	a
ORSCSE880	ORS - Prep P&IO's	10-Mar-08 A	08-Mey-08					PLIDS			Bee , 2011	Od .	Hor	Oed	Ha	Fail
DRSCSE880	DRS - Review P&ID's	1	16-May-06		1				n				1	1	1	
	DRS - Incorporate Comments P&ID's	19-May-05	22-May-08			-	. !	,	e Commente	PAID	1	1			;	-
DRSCSE010	DRS - Approve/Issue P&ID's	23-May-08	28-May-08		1	1		,	e/issue P&ID	,				1	1	1
DRSCSE920	DRS - P&ID's - Complete		28-May-08	1	-			RS - P&ID's					1	{	-	
Piping Plan, Section	is, & Profile Dwgs	24-Apt-08 A	22-May-06													
ORSC6E930	DRS - Prep Piping Plan, Sactions, & Profile Dwga	24-Apr-08 A		1 :	1	;	DRS - Pripp	: Ploing Plah	Sections A	Profile Dwm	•			2	-	
	DRS - Review Piping Plan, Sections, & Profile Dwgs	08-May-08	13-May-08							-) Next	-	1	[1	
DRSCSE950	DRS - Incorporate Comments Piping Plan, Sections, & Profile Dwgs	14-May-08	19-May-08			:					ctions, & Pro	i file Dwa		1		
	DRS - Approve/Issue Piping Plan, Sections, & Profile Dwgs	20-May-08	22-May-08								& Profile Dw		1			;
DRSCSE1010	DRS - Piping Plan, Sections, & Profile Dwgs - Complete		22-May-08	};	••••••				n, Sections,				<i></i>	ļ		
	Plan, Pre-Development	02-May-UB A	21-May-06					Ī					1			
DRSCSE970	DRS - Prep Existing Conditions Plan, Pre- Development	02-May-08 A		1			DRS-Pr	; eo Existina (C	Conditions Pil	n. Pre- Deve	i Inamer	,	;		;	
	DRS - Review Piping Plan, Sections, & Profile Dwgs		15-May-08	i	÷				g Plan, Sectie	-			ł		•	
DRSCSE990	DRS - Incorporate Comments Piping Plan, Sections, & Profile Dwgs	16-May-05	19-Mey-08				1		,		ctions, & Pro	i Na Dum	1		•	
DRSCSE1000	DRS - Approve/Issue Piping Plan, Sections, & Profile Dwgs		21-May-08								A Profile Dwo		{	ļ		
DRSCSE1060	DRS - Piping Plan, Sections, & Profile Dwgs - Completa		21-May-08		į				n, Sections, a				}			
Construction Storm	Water Mingroupt Plan - Proposed Contours tying Into Existing Contours	A 80-10A-95	06-Mey-08		÷	1					Complete	1		1		* *
DRSCSE1020	DRS - Prep Construction Storm Water Mngmht Plan - Proposed Contours .	25-Apr-08 A	29-Apr-08 A		1		DRS - Prap Çor	i nstruction Ste	i orm Water Mi	namot Plan - I	Proposed Cor	tours blog in	th Existing Co.	tou		
ORSC6E1030	DRS - Review Construction Storm Weter Mingmint Plan - Proposed Contou.	30-Apr-08 A	01-May-08 A				DR8 - Review									
DRSCSE1040	DRS - Incorporate Comments Construction Storm Water Magmat Plan - P.,	02-May-08 A	02-May-08 A	• • • • • • • •		••••••••	DRS - Incolpo	rate Comme	nbi Construct	tion Storm Wa	ier Moomot s	lan Propos		Contraction		
DRSCSE1050	ORS - Approvalissue Construction Storm Water Mingront Plan - Proposed	05-May-08	06-May-08		ł		I DRS - Appro	ove/issue Co	nstruction St	orm Water Mr	omnt Plan - F	mposed Cor	fours bring lot	ing into Exister I Existing Coo	ig Contot	
ORSCSE1110	DRS - Construction Storm Water Mrgmot Plan - Proposed Contours tying		06-May-08		i	1	+ DRS - Cons									
Crinstruction Storm	Nátel Mogenni Sections & Dotalis	29-May-08	09-Jun-08			-	-	{						i compre		
	DRS - Prep Construction Storm Water Mngmn1 Sections & Details	29-May-08	02-Jun-08			-	ė.	DRS - Pred -	; Construction	Storm Water	Magmat Sect	ona & Data#				
DRSCSE1080	DRS - Review Construction Storm Water Magmat Sections & Details	03-Jun-06	04-Jun-08	• • • • • • • • • •	i-	•••••					fer Mingmit S					
DRSCSE1090	DRS - Incorporate Comments Construction Storm Water Mingmit Section	05-Jun-Q8	08-Jun-08	1	Į	1							Sections & D	l latai		
DRSCSE1100	DRS - Approve/Issue Construction Storm Water Mngmnt Sections & Detailer	09-Jun-08	09 Jun 08			1	,	,	•		Storm Water K	-				
DRSCSE1160	DRS - Construction Storm Water Magmal Sections & Details - Complete	an	09-Jun-08								gmnt Sector					
Permissint Storm Wa	ler Magmat Plán - Herizontal SW Dwys & Vertical Partiles	24-Apt-06 A	21-May-68	i			1									
DRSCSE1120	DRS - Prep Permenent Storm Water Mngmnt Plan - Horizontal SW Owgs	24-Apr-08 A	06-May-05		• • • • • • • • • • • • •		ភ្នំ លើកនៃ ី គឺគំគំព	Pêrmanênî 8	Storm Waler N	Ingrinit Plan	Horizonial	W Dwin 6 VA	; Mical Profil			
DRSCSE1130	DRS - Review Permanent Storm Water Mngmint Plan - Horizonial SW Dw	07-May-08	12-May-08			1								nii.		
DRSCSE1140	DRS - Incorporate Comments Permanent Storm Water Migmit Plan - Hor.	13-May-08	16-May-08			1								vqs & Vertical	Profil	
DRSCSE1150	DRS - Approve/Issue Permanent Storm Water Mogmot Plan - Horizontal S.,	19-May-08	21-May-08	:	-	1	1	,	,				1 1	Vertical Profil		
DRSCSE1210	DRS - Permanent Storm Water Mngmint Plen - Horizontal SW Dwgs & Ver.,		21-May-08	1									ertical Profile			
Permanent Storm We	or Mitghint Sections & Delaila	10-May-08	12-Juh-08			*										
		19-May-08	29-May-08	į	:	3	;o#	RS - Prep Pe	i Irmanent Stor	m Water Mnó	mnt Sections	& Detail				
DRSCSE1180			04-Jun-08	!							r Mngmnt Sec				1	
DRSCSE1190	RS - Incorporate Comments Permanent Storm Water Mngmnt Sections	05-Jun-08	10-Jun-08		į	;		,	,				Sections & d	etai	1	
ORSCSE1200	the second se		12-Jun-08	ł		1					torm Water M	•		1	i	
						reas Energy		i	i		i		ii			,,,

ONFIDENTIA SCA LWA & 2018 COD Support Schedule SCA & LWA Support & 2016COD Support 07-May-08 07:34 464 R Feb 1 And State of Angles of 12 6 🖬 🖓 132 DRSCSE1280 DRS - Permenent Storm Water Mingmit Sections & Details - Complete 112-Jun-08 Storm Water Mromnt Sections & Details - Compl tom Water Micrimit Pands 23 Apr 08 A 07 Way 08 ORSCSE1220 DRS - Prep Storm Water Mngmnt Ponds DRS - Prep Storm Weter Mingmit Ponds 28-Apr-08 A 129-Apr-08 A DRSCSE1230 DRS - Review Storm Water Mngmnl Ponds 30-Apr-08 A ;01-May-08 A ORS - Review Storm Water Mingmet Pohdi DRSCSE1240 | DRS - Incorporate Commants Storm Water Mngmnt Ponds DRS - Incorporate Comments Storm Water Mingmit Fond 02-May-08 A 02-May-08 A D DAS - Approve/lesue Storm Water Magmint Pondi DRSCSE1250 DRS - Approve/Issue Storm Water Mingmit Ponds 05-May-08 07-May-08 DRSCSE1310 DRS - Storm Weter Magmal Porde - Complete 07-May-08 DRB - Storm Weter Mrigmnt Ponds - Complete n Willer Angunt Ponds Sections & Details 19-May-08 12-Jun-08 DRSCSE1270 DRS - Prep Storm Water Mnomat Ponds Sections & Details 19-May-08 29-May-08 DRS - Prep Storm Water Megmet Ponds Sections & Detail ORSCSE1280 DRS - Review Storm Water Mogmont Ponds Sections & Details 30-May-08 04-Jun-08 DRS - Review Storm Water Mngmnt Ponds Sections & Detail DRSCSE1290 | DRS - Incorporate Comments Storm Water Mingmit Ponds Sections & De., 05-Jun-08 DRS - Incorporate Commente Storm Weter Mingrint Ponda Sectiona & Detal 10-Jun-08 # DRS . Approve/Issue Storm Water Mrgmint Ponde Sections & Detail DRSCSE1300 | DRS - Approve/Issue Storm Water Magmat Ponds Sections & Details 11-Jun-08 112-Jun-08 DRSCSE1360 DRS - Storm Water Mogmot Ponds Sections & Details - Complete 12-Jun-08 ORS -Storm Water Mingmit Ponds Sections & Details - Complet Site Grading Pidn 17-Met-08 A 01-May-08 A DRSCSE1320 DRS - Prep Sile Grading Plan 17-Mar-08 A 07-Apr-08 A DRS - Prep Site Grading Play DRSCSE1330 | DRS - Review Site Grading Plan 08-Apr-08 A 08-Apr-08 A T DRS - Review Sile Grading Plai DRSCSE1340 DRS - Incorporate Commants Site Grading Plan 10-Apr-08 A 28-Apr-08 A DRS - Incorporate Comments Site Grading Pla DRSCSE1350 DRS - Approve/Issue Site Grading Plan 29-Apr-08 A 01-May-08 A DRS - Approve/Issue Site Grading Play DRSCSE1410 | DRS - Site Grading Plan - Complete 01-May-08 A ORS - Site Grading Plan {Complete 30-Jun-08 6-May-08 Exection Specs 25-Jun-08 16-May-08 ORSCSE1370 DRS - Prep Erection Spece 16-Mey-08* 06-Jun-08 DRS - Prep Erection Specs DRSCSE1380 DRS - Review Erection Spece 60-Jun-08 16-Jun-08 DR9 - Review Erection Specia ORSCSE1390 ORS - Incorporate Comments Erection Space 17-Jun-08 23-Jun-08 DRS - Incorporate Commenta Erection Spec DRSCSE1400 DRS - Approve/Issue Erection Speca 24 Jun-08 25-Jun-08 | DRS - Approve/Issue Erection Spece DRSCSE1460 DRS - Erection Specs - Complete · DRS - Erection Spece - Completi 25-Jvn-06 ucoment Spore 38-Jun-06 21-May-08 DRSCSE1420 | DRS - Prep Procurement Spece 11 Jun-08 **DRS - Prep Procurement Specs** 21-May-06* DRSCSE1430 DRS - Review Procurement Spece CRS - Review Procurement Speci 12-Jun-08 19-Jun-08 DRSCSE1440 DRS - Incorporate Comments Procurement Spece 20-Jun-08 28-Jun-08 DRS - Incorporate Comments Procurement Spec DRSCSE1450 | DRS - Approve/lasue Procurement Space 27-Jun-08 30-Jun-08 DRS - Approve/saue Produrement Spec DRSCSE1470 | DRS - Procurement Spece - Complete 30-Jun-08 DR6 - Procurament Speca - Complete 11-Feb-08 A 30-Jun-08 System Dsgn Checklist 01-Apr-08 A 30-Jun-08 ECSSDC131 2016 COD System Dsgn Checkist 01-Apr-08 A 30-Jun-08 2015 COD System Dsgn Checklisi 11-Feb-08 A 22-May-08 EC\$5\$D380 ECS - Prep SSD 11-Feb-08 A 30-Apr-08 A ECS - Prep SSD ECSSSDI430 ECS - Provide I&C Input to SSD 11-Feb-08 A 30-Apr-08 A ECS - Provide I&C Input to SSE ECS - Provide Civil Input to SSC ECSSSDC440 ECS - Provide Civil Input to SSD 11-Feb-08 A 130-Apr-06 A EC\$850390 ECS - Review SSD ECS - Review SSC 01-May-08 A 14-May-08 Revision 6 - 19 Progress Energy Date Checked Approved 07-May-08 Levy Site

WA & 2016 COD Support			9	CA & LWA Su	pport & 2018	BCOD Suppo	rt 👘								07	7-May-08
1	Activity Marine 1997	8	Final			1956.41	هترين مرزيك	of any first of	200a J	<u>i</u> ter (m. 1990) 1997 - State State (m. 1990)	1917 - J.	artes -			1	2009
EC\$SSD400	ECS- Incorporate Comments SSD	15-Mey-08	20-May-08	**	The second s	ала Кар			le Commente		1,04	Det .		On	Jęn	
EC85SD410	ECS - Approve/lesue SSD	21-May-05	22-May-08						/issue SSC		1		1			
ECSSSD420	ECS - SSD - Complete		22-May-08		1			S - SSD - C	1				į		i.	ł
Cales		1R-Aur-fill A	09-Jun-08		i	;				í		1	ł	1	-	1
Electrical Calco		12-Atir 08 A			i				1	1	1	÷	1			1
ECSEE430	ECS - Prep Electrical Calos		15-May-08	<u> </u>		<u></u>		Prep Electri	; 1277-122							
ECSEE440	ECS - Review Electrical Calcs		28-Mey-08		i				Electrical 4			÷		1	-	1
ECSEE450	ECS-Incorporate Comments Electrical Calos	29-May-08	03-Jun-08							menta Electr	Calo	1	1	1	1	1
ECSEE450	ECS - Approve/Issue Electrical Calos	04-Jun-08	09-Jun-08				1 1			e Electrical C	1	1		i.	1	
ECSEE470	ECS - Electrical Calcs - Complete		09-Jun-08				ļ į		1	lat - Complet	i i		-	-	-	
Durgs		11-Apr-68 A	30-Jun-08						4						÷	
fluct Hank Civil Unde	tground Support	21-May-08	25-Jun-06			4 1			1	1	1		1	1		
ECSCSE480	ECS - Prep Duct Bank Underground Support Dwg	21-May-06	06-Jun-08					D ECS-P	, rep Duct Bar	; k Undergrou	i Ng Support Dr	m		1	1	
	ECS - Provide Electrical Input to Duct Benk U/G Support Dwg	21-May-08	06-Jun-08				4				uct Bank U/G			;	ļ	ł
	ECS - Review Duci Bank Underground Support Dwg	09-Jun-08	17-Jun-08							(·	lerground Su	47.1	1	ł	1	1
ECSCSE500 a	CS- Incorporate Comments Duct Bank Underground Support Dwg	16-Jun-08	20-Jun-08						,		- T	nderground S	i Vobort Dw			
ECSCSE510	CS - Approve/lesue Duct Bank Underground Support Dwg	23-Jun-08	25-Jun-08									round Suppor		1	1	-
	ECS - Duct Bank Underground Support Dwg - Complete	···	25-Jun-08						1			Dwg - Comple	1	1		;
	Lood Llat, & Three Lines	11-Apt-08 A	30-Jun 98-1.1	1		1			1	1	1			1	1	1
ECSEE530	ECS - Prep Electrical One Lines, Load List, & Three Lines	11-Apr-08 A	06-Jun-08		1	-		ECS - P	ep Electrical	One Unes, 1	oad List, & Ti	vree Line				
State	CS - Review Electrical One Lines, Load List, & Three Lines	09-Jim-08	17-Jun-05			••••••			S - Review E	lectilized One	Lines, Lond L	ial, a Three Dr				
	CS- Incorporate Comments Electrical One Lines, Load List, & Three Lines	18-Jun-08	25-Jun-08		1			-	ECS-Incorp	orate Comme	nts Electrical	Oria Lines, Lor	ed List, & Three	e Line		-
	CS - Approve/Issue Electricel One Lines, Load Liel, & Three Lines	26-Jun-08	30-Jun-08						ECS - App	rove/issue E	ecțifical One (inės, Losd Lis	l, & Three Line			
	CS - Electrical One Lines, Load List, & Three Lines - Complete	······	30-Jun-08						€CS - 8I+	trical One Li	we, Lond List	, & Three Line	Complet	1		1
EGS		11-Feb-08 A	19-Jun-08		1							i		i i	1	
SSD		11-Feb-08 A	16-May-08							-+						
	GS - Prep \$SD	11-Feb-Q8 A	05-May-08				🗉 EGS - Prep	\$SD		1		1		1	1	1
	GS - Provide Civil Input to SSD	11-Feb-08 A	05-May-08		_		🗅 EGS - Prdv	•	¢t 10 SSC							i.
er en la la seguidad	GS - Review S3D	08-May-08	09-May-08				EQS - Re	view SSC	ļ		i	;			1	
And the second second states to second secon		12-May-08	14-May-08			-			omments S	sć		1			1	1
		15-May-08	16-May-05]			Approverlas			1		1			
EG5SSD620 E	GS - SSD - Complete		16-May-08			4	♦ EGS	SSD - Com	plete				;	i i	i.	•
			19-Jun-08		•	3			{			÷			ļ	
GA Dwds		19-May-08	12-Jun-08	;	+	1			-	1	ļ		;		1	1
· · · · · · · · · · · · · · · · · · ·	GS - Prep General Arrangement Dwgs		02-Jun-08	1					3	rengement D	n	1		1	<u>.</u>	1
· · · · · · · · · · · · · · · · ·	GS - Review General Arrangement Dwgs		;11-Jun-08				ļ		1	erel Arrender		1			;	
	GS-Incorporate Comments General Arrangement Dwgs		117-Jun-08	;		1	:		1 1	1		ngérment Dwg	1	4	-	1
······	SS - Approve/Issue General Arrangement Dwgs	18-Jun-08	19-Jun-08	ł		1	1			2	I Árrangemei		1	1	1	÷
EGSEE670 EG	35 - General Arrangement Dwgs - Complete		19-Jun-08	í				♦ EG	35 - General	Arrangement	Dwgs - Com:	Xei .			1	
		17-Mar-08 A	25-Jun-08							1					;	
				1	Prop	ress Energy		Dat			Revi			Checked		pproved

CONFIGENTAL

1

SCA LWA & 2016 COD Support Schedule SCA & LWA Support & 2016COD Support 07-May-08 07 Feb Ú. Bed 二 増 とう 必須通知の date of - N ÁL-Od Y Jee 640 56.0 7-Mar-06 A 29 May-08 PWSSSO680 PWS - Prep SSD 17-Mar-08 A 22-Apr-08 A ŴS-PrepSSD PWSSSDE730 PWS - Provide Electrical Input to SSD 17-Mar-08 A 22-Apr-08 A ŴS - Provide Électrical Input to SSL PWSSSOI740 PWS - Provide I&C Input to SSD 7-Mat-08 A 22-Apr-08 A WS - Provide BC Input to SSC PWSSSDC750 PWS - Provide Civil Input to SSD 17-Mar-08 A 22-Apr-08 A PV/S - Provide Civil Input to SSL PWSSSD680 PWS - Review SSD PWS - Review SSD 23-Apr-08 A 08-May-08 PWSSSD700 PWS- Incorporate Comments SSD 09-May-08 22-May-08 PWS- Incorporate Comments SSC PWSS50710 PWS - Approve/lasue SSD 29-May-08 FWS - Approve/Issue 68D 23-May-08 PWSSSD720 PWS - SSD - Complete 29-May-08 + PWS - SSD - Complete Cafes 3-M/av-08 9-Jun-UB Mechanical Coles 23-May-08 19-Jun-08 PWSME720 PWS - Pren Mechanical Caice 23-May-08 PWS - Prép Mechanical Calcs 04-Jun-08 PWSME730 PWS - Review Mechanical Caks 80-nut-20 PWS - Review Mechanical Calc: 11_lun_08 PWSME740 PWS-Incorporate Comments Mechanical Calca D PWS- Incorporate Comments Mechanical Cale 12-Jun-08 16-Jun-08 PWSME750 PWS - Approve/Issue Mechanical Celcs 17-Jun-08 D PWS - Approve/Issue Mechanical Calcs 19-Jun-08 PWSME760 PWS - Mechanical Calcs - Complete PWS - Machanical Calca - Complete 19-Jun-08 03-Apr-08 A 25-Jun-08 P810'S 03-Aur-08 A 09-Jun-08 PWSME770 PWS - Prep P&ID's 03-Apr-08 A 09-May-08 PWS - Prep P&ID's PWSELE870 PWS - Provide Electrical Input to P&ID's PWS - Provide Electrical Input to P&ID's 03-Apr-08 A 09-May-08 PWSICE880 PWS - Provide I&C Input to P&ID's 03-Apr-08 A 09-Mey-08 PWSME780 PWS - Review P&ID's 12-May-08 23-May-08 PWS - Review PalD's PWSME790 PWS-Incorporate Comments P&ID's 27-May-08 PWS- Incorporate Comments P&IO's 02-Jun-08 PWSME800 PWS - Approve/Issue P&ID's PWS - Approve/Issue P&ID's 03-Jun-08 09-Jun-08 PWSME810 PWS - P&ID's - Complete 09-Jun-08 ◆ PWS - P&ID's - Complete ing Lavoure 95-Jun-08 Apr-03 A PWSME820 PWS - Prep Piping Layout Dwgs 11-Apr-08 A 12-May-08 PWS Prep Piping Layout Dwge PWSME830 PWS - Review Piping Layout Dwgs PWS - Review Piping Layout Dwg: 13-May-08 03-Jun-08 PWS- Incorporate Comments Piping Layout Dwgs PWSME840 PWS-Incorporate Comments Piping Layout Dwg 04-Jun-08 13-Jun-08 PWSME850 PWS - Approve/Issue Piping Layout Dwgs PWS - Approve/Issue Piping Layout Dwg: 16-Jun-06 25-Jun-08 PWSME880 PWS - Piping Leyout Dwgs - Complete PWS Plping Layout Dwas Completi 25-Jun-08 03-Apr-08 A 30-Jun-08 esb 03-Apr-08 A 30-Jun-08 RWSSSD670 RWS - Prep SSD 03-Apr-08 A 01-May-08 A RWS - Prep(SSD RWSSSDE920 RWS - Provide Electrical Input to SSD 03-Apr-08 A 01-May-05 A RWS - Provide Electrical Input to SSE RWSSSDI930 RWS - Provide I&C Input to SSO RWS - Provide Jac Input to SSC 03-Apr-08 A 01-May-08 A RWSSSDC940 RWS - Provide Civil Input to SSD 03-Apr-08 A 01-May-08 A RWS - Provide Civil Input to SSE RWSSSD860 RWS - Internal Review 650 02-May-08 A 13-May-08 🗇 RWS - Internal Review SSC RW5550890 RW5 - Incorporate Comments SSO from Internal Review C RWS - Incorporate Comments SSD from Internal Review 14-May-08 23-May-08 RWSSSD920 RWS - Cleni Review SSD 27-May-08 05-Jun-08 RWS - Client Review 6SE 8 - 19 Progress Energy Dale Revision Checked Approved 07-May-08

Levy Sile

LWA & 2015 COD Suppor	n Schedule		8	ICÁ & LWÁ	Support & 2016	6COD Suppor	1						07.	May-08 07:34	····
6	Activity Faunt	Must and and	Pierie		alana ka	See and Sec. 8.	ward aday		1	N. C. Martin and				009	The second second
RW5SSD930	RWS - Incorporate Comments SSD from Client Review		1	F +)	Med 2	401	May		Aul × Au	Sep Dd	Nev	Cur		Feb	
RWSSSD900	RWS - Approve/Issue SSD	09-Jun-08	16-Jun-08						- Incorporate Comments SS	J Rom Client Revies				1	-
RWSSSD910	RWS - SSD - Complete	17-Jun-08	30-Jun-08				ļ		RWS - Approve/Issue SSD		1			1	1.1.1
Calco			30-Jun-08					1	RWS - SSD - Complete	1	1	1			· · · · · · · · · · · · · · · · · · ·
Mochanical Gales		A 80-70						i		i		; ;		;	5 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1
RWSME920	RWS - Prep Mechanical Calcs	07-Apr-08 A										[1 1
RWSME930	RWS - Review Mechanical Calcs	07-Apr-08 A					RWS P	· •	1 1		1	1			1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 -
RWSME940		15-May-08				-		i i	lechanical Calor						$\langle \Box \rangle$
RWSME950	RWS - Incorporate Comments Mechanical Calcs	23-May-08	02-Jun-08						rparale Comments Mechanic			1		:	i i
	RWS - Approve/lasue Mechanical Calcs RWS - Mechanical Calcs - Complete	03-Jun-08	08-Jun-08			j.	•		prove/issue Mechanical Calc		1				* ************************************
Dwgs	Revolution cards - Complete		06-Jun-08	.			•	RWS - Me	echanical Calcs - Complete (
PSID S		01-Apr-08 A								1					
	RWS - Prep PålD's	04-Api-08 A	30-Jun-08		1							: ;		1	
The same have been a because an and a been	RWS - Provide Electrical Input to P&ID's	04-Apr-08 A		1	i i		RWS P(ep								
		04-Apr-08 A	بينين ورواحت المراجب		1			1	al Input to P&ID's	1	1	1		:	
The second secon	RWS - Provide I&C Input to P&ID's	04-Apr-08 A	· · · · · · · · · · · · · · · · · · ·				RWS - Provi		1 1					:	
the state to an a second to a strength to the strength of the second to be a seco	RWS - Internal Review P&ID's	ra and and a second	27-May-08	ļ	; ;				Review PálO'i		1				
	RWS - Incorporate Comments PåID's from Internal Review RWS - Client Review PåID's	a construction of the second second second	02-Jun-08						rponete Commente P&/D's fro	m Internal Review	ł				
	RWS - Incorporate Comments P&ID's from Client Review	03-Jun-08	18-Jun-08			5		•	- Cilent Review P&ID's						
	RWS - Approve/tisue PálD's	17-Jun-08	20-Jun-08					1	8 - Incorporate Comments P		n [
	RWS - P&ID's - Complete		80-Jun-08	L					RWS - Approve/Issue P&ID			<u> </u>			
Pipling Layout Dvigs			30-Jun-08					•	RWS - PAID's - Complete -		1				
	RWS - Prep Piping Layout Dwgs	17-Apt-08 A						!							
RWSME1030	RWS - Review Piping Layout Dwgs	17-Apr-08 A	the second second second second	ļ					Iping Layout Dwgs		-	: :		-	
RWSME1040	RWS - Incorporate Comments Piping Layout Dwgs		12~Jua-08				<u></u>		Review Piping Levoul Owg:						
	RWS - Approve/leave Piping Layout Dwgs	er ne er er fill annan er en an ange	20-Jun-08				.		S - Incorporate Commonts P			L			
RWSMETOSO	RWS - Piping Layout Dwgs - Complete	Comments and an and an an	27-Jun-08					,	RWS - Approve/lasus Piping	•	-				
303	revo		27-Jun-08				:	• P	RWS - Piping Leyout Dwgs - 1	omplete	1				
530		11-Feb-08 A					i	i	i i		i i			i	
SDSSSD1070		11-Fcb-08 A						!			1				
Subdard Jacobia Accel and an annual		11-Feb-08 A	Land in station was been				3 SDS - Prep S	,							
	SDS - Provide Electrical Input to SSD SDS - Provide I&C Input to SSD	11-Feb-08 A					3 SD5 - Provide	;			-				
where the second s	SDS - Provide Civil Input to SSD	. 11-Feb-08 A	terms to the second second				SDS - Provide								
second as an an an an an and a second s	SDS - Review SSD	11-Feb-08 A			:	!	SDS - Provide	,	, ,		1	1		1	
	the second design of the second se	08-May-08	19-May-08					,	• •		i	i i			
· · · · · · · · · · · · · · · · · · ·	SDS - Incorporate Comments SSD SDS - Approve/issue SSD		03-Jun-08						porale Comments SSC						
with the second of the second se	SDS - SSD - Complete	er i silaren i summinan	10-Jun-08			1		*	pprove/lasue SSL		1				
Coles		¹	10-Jun-08		i.	1		● SD8 - \$5 '	SD - Complete					; [
Montanical Bales			26-Jun-08		ł		:								
A real management of the second	SDS - Prep Machanical Calca		26-Jun-08 09-Jun-08		:				eo Mechenical Calcs			1			

• · · · · ·

	Schedule		. 5	CA & LVVA	Support & 20	16COD Suppo	rt								07-	May-08
		(See	Fleidh	·		1	All and a second se	1	2009							000
SDSME1130	SDS - Review Mechanical Calos	10-Jun-08	18-Jun-08	1.07.55		<u>11 - 75</u>	1			And Inchanical Cal	8e#	Crel	Nav	Cate	Jan	
SDSME1140	SDS - Incorporale Comments Mechanical Calce	19-Jun-08	23-Jun-08						SDS - Incorpo	i Inste Commen	i Machanical (Calc				
SDSME1150	SDS - Approve/Issue Mechanical Calcs	24-Jun-06	28-Jun-08	1	4		1	1	1	verasue Mech	1					1
SDSME1160	SDS - Mechanical Calca - Complete	·	26-Jun-08			1	1	•	SDS - Mech	nical Calcs - (Complete					÷.
Dwgs		03-Apr-08 A	1 30-Jun-08	ł	i I	i i			1		1					1
Pa)D's		03-Apr-08 A					••••••	÷	- <u>.</u>		4					
	SDS - Prep P&ID's		21-Apr-08 A			sc	S - Prep P&I	i D'a	1							÷ .
SDSELE1270	SDS - Provide Electrical Input to P&ID's		21-Apr-08 A			i	6 - Provide E		to PAID's	1	1					1
	SDS - Provide I&C Input to P&ID's		21-Apr-08 A		-	2	5 - Provide I	1	1	1	1			:		
SOSME1180	SDS - Review P&ID's	22-Apr-08 A	- in the second	[1	,	SDS-R	1 () () () () () () () () () (1	1	1					1
SDSME1190	SDS - Incorporate Comments P&D'a	05-May-08	08-May-06				T.	1	្តុំ វិញាភិទ័ពនៃ P്കിI		4	L				. <u>.</u>
	SDS - Approve/Issue P&ID's	09-May-08	15-May-08			1	2	+ Approve/la						:		÷ .
SOSME1210	SDS - P&ID's - Complete		15-May-08			;		PAID's - Cr	•		1					1
Piping Layout Dwgs		07-Apr-08 A				{	000		ai shaane	+	ì					1
SDSME1220	SOS - Prep Piping Layout Dwgs	07-Apr-08 A				·		; 	ep Piping Lay		i					÷ .
	SDS - Review Piping Layout Dwgs	04-Jun-08	03-Jun-08 17-Jun-08			{				onr Owgi Ing Leyout O						<u>.</u>
	SDS - Incorporate Commanta Piping Layout Dwgs					-										1
	SDS - Approve/Issue Piping Layout Dwgs	18-Jun-06	24-Jun-08			Į –					ta Piping Layo					1
the statement of a statement of a second	SDS - Piping Layout Owgs - Complete	25-Jun-08	30-Jun-08					: 5	n		ing Layout Dwy	*		: :		1
Y 3			30-Jun-08					•	 SDS - Pipi 	ng Layout Dwg	aj - Completi					÷ .
\$9D		J	30-Jun-08			*			4							
WWSSSD1270	WWS - Prep SSD	11-Feb-08 A						1	1		-			i i		1
1	WWS - Provide Electrical Input to SSD		14-Apr-08 A				Prep SSD		í	1	1					1
	WWS - Provide LaCinceringful to SSD	11-Feb-08 A					Provide Ele		*··-	1						{
	WWS - Provide Civil Input to SSD	11-Feb-08 A				1 i i	Provide I&C	• ·	1		1			;		1
	WWS - Internal Review SSD		14-Apr-08 A				Provide Civ			. [[]		
	AWS - Incorporate Comments SSD from Internal Review	· · · · · · · · · · · · · · · · · · ·	28-Apr-06 A				WVS - Inter	1	1							{
	WWS - Client Review SSD	29-Apr-08 A	14-Mey-08			:	www.s	•	1	SSO from Inter	nieł Review					
4. 4 1		09-Jun-08*	20-Jun-08						NVS - Client F							÷.
	MVS - Incorporate Comments SSD from Client Review	23-Jun-08	25-Jun-08					!	2		ints SSD from	Client Reviev				1
	MVS - Approva/Issue SSD	26-Jun-08	30-Jun-08					<u>،</u>		ptove/leave SS	3D					i .
bics	WVS - \$6D - Complete		30-Jun-08						WWS-SS	0 - Complete						[
Mechanical Cales		29-May-08	30-Jun-08					-		1	1					1
		20-May-08	30-Jun-08						i	į				i i		÷ .
The second se	WS - Prep Mechanical Calcs	29-May-08	10-Jun-08	+			"		-¦Prep Mecha		1			1		1
and make a manager i	WVS - Review Mechanicel Calce	11-Jun-08	18-Jun-08							viechanical Ce	•					1
	WVS - Incorporate Comments Mechanical Calcs	19-Jun-08	24-Jun-08					1		•	nts Mechanica	, ,		}		;
	WVS - Approve/Issue Mechanical Calcs	25-Jun-08	30-Jun-08				1	; =			ețhanical Calc					;
	WVS - Mechanicsf Calce - Complete		30-Jun-08	-			ĺ	:	• WWS - Me	chanical Culca	Complete					
wga		03-Apr-08 A						r F		;				;		;
1961039		A 80-144-60	30-Jun-08					•	ł	1	1					1
				1	P/	ogress Energy	· · · ·	Da	le l		Revisio	n		Checked	An	prove
								07 May 0					~~~			

Costeening

.

,

	2016 COD Suppor			5	CA & LWA	Support & 20	16COD Support									·•	D7	May-08 0
		Addition for the second	and the second	Print		ye dan se		10108-		2008	1	1978 - 1			· · · · · ·			009
i a	WWSME1370	WWS - Prep P&ID's			Feb.	ile)			a (j. kei		<u> </u>	Nig.	84p	P 4	Nev	Det	Jan	Feb
		WWS - Provide Electrical Input to P&ID's	03-Apr-08 A	5	1	1		Prep P&						i				1
.		WWS - Provide Lacincerinput to PaiD's	03-Apr-08 A	· · · · · · · · · · · · · · · · · · ·		:	1		Electrical In	1				1	1			
.			03-Apr-08 A	diam in a second		1	н <u>ф</u>	r (*	&C Input to	•	1			1				
.	A case of the second second second second	WWS - Internet Review P&ID's	25-Apr-08 A			i			ernal Revie	i .						-		1
8 ~		WWS - Incorporate Comments P&ID's from Internal Review	09-May-08	22-May-08				⊐ w					Internal Rev	ie.	1	;		1
÷.	CARLES MADE AND ADDRESS OF A	WWS - Client Review P&ID's	09-Jun-08*	20-Jun-08	[}	1	1	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	WS - Clien	Review	Palo's			1			
蠿.		WWS - Incorporate Comments P&ID's from Clent Review	23-Jun-08	25-Jun-08	ł	1			C	WWS - Inc	orporate	Commer	ts P&ID's fr	om Cliant Rev	tely	1		
8 .		WWS - Approve/lesue P&ID's	25-Jun-08	30-Jun-08		,		:	¢	jwws-	Appiove/I	ssua P&	D's					1
		WWS - P&ID's - Complete		30-Jun-08	ļ			-		🛉 wws - i	*&ID's - C	omplete			1			1
	Piplan Layout Dwg		11-Api-08 A	30-Jun-08		ļ		÷		1				÷	1	-		1
ä.,	WWSME1420	WWS - Prep Piping Layout Dwgs	11-Apr-08 A	21-May-08		÷		ta`₩Ŵ	5 - Prep Pi	ρίης Γεγού	(Dwgs	••••	· · · · · · · · ·		· {			
	WWSME1430	WWS - Review Piping Layout Dwgs	22-May-08	09-Jun-08		1		ينص	🖿 wws.	Review P	ping Layo	ut Dwge		1				i -
8		WWVS - Incorporate Comments Piping Layout Dwgs	10-Jun-08	23-Jun-08		į		÷		/ //WS - (nc)	rpolate C	omment	s Piping Le	rqut Dwg	1			1
1	WWSME1450	WWS - Approve/Issue Piping Layout Dwgs	24-Jun-08	30-Jun-08		1	1	1	6	jwws	Appiove/le	ssue Plp	ng Layout C	wigt	1			
	WWSME1460	WWS - Piping Layout Dwga - Complete	··· • • • • • • • • • • • • • • • • • •	30-Jun-08		1				wws-	Jping Lay	out Dwg	s - Complet					1
YFS		I SAMA BALIKA AN AND ANY	25-Feb-06 A	16-Jun-08			**********	···· †		÷		•••••			4			
5	30		25-Feb-08 A	15-May-08										1	i	1		1
	YFSSSD1480	YFS - Prep SSD	25-Feb-08 A				YFS - Flep SS	• {								-		
	YFSSSDE1510	YFS - Provide Electrical Input to SSD	25-Feb-08 A			1	YFS - Povide		i fnout lo S	sc					1	;		1
	YFSSSDI1520	YFS - Provide I&C (nput to SSD	25-Feb-08 A	in the second			YFS - Provide			ľ					1			1
~ ~~~	YFSSSDC1530	YFS - Provide Civil Input to SSD	25-F+b-08 A				YFS - Povide											
	YFSSSD1470	YF8 - Review SSD	11-Apr-08 A	1		;	Y65 - R				i			i				1
		YFS - incorporate Comments SSD	25-Apr-08 A				: 3		rporate Co	i mmente SS	ar i					-		1
-	YFSS6D1490	YFS - Approve/leaue SSD		15-May-08		1	4		Approve/la						i i			
·	YFSSSD1500	YFS - SSD - Complete		15-May-08				•	SSD - Com	•				-	-			1
	les		24 6	1			·			4.00.00 4.00.00						إ ــــــــــــــــــــــــــــــــــــ		
	Moohanical Cales		23-Apr-09 A					i i		-	1							1
	Contentin fills a	YFS - Prep Mechanical Calcs	23-Apr-08 A	22-May-08					Mechanica	; (0 alaz								1
	contractions and the second second	YFS - Review Mechanical Calcs		06-May-08					Review Mer	1	_							1
	and a contract of the second states	YF8 + Incorporate Comments Mechanical Calce		14-May-06		-				1	1							
3		YFS - Approve/ssue Mechanical Calca		20-May-08					 Incorpora Approve 	•	1							
		YFS - Mechanical Calcs - Complete	21-May-08	22-May-08		[:								1
-	/gs			22-May-08		1		• 1Pa	- Mechan	CELCE-	Completi				1			
	PAIQ's		07-Apr-08 A				1			1	1	į		-				1
94			07-Apt-08 A							1								÷.
		YFS - Prep P&ID's	07-Apr-08 A				,		p P&ID's									
1	and the second	YFS - Provide Electrical Input to P&ID's	07-Apr-08 A) 1	,	vide Electri	1					1			1
		YFS - Provide I&C Input to P&ID's		09-May-08			i i		vide I&C In		ri -	1		1	1			÷
		YFS - Review P&ID's	12-May-08	25-May-08					FS - Revie	!				1	1	1		1
		YFS - Incorporate Comments P&ID's		06-Jun-08				Ļ) YFS - M	1	1			1	·			}
	YFSME1590	YFS - Approve/Jesua P&ID's	09-Jun-08	16-Jun-08		, ,		;	C YF8	- Approv	viesue Pa	HO I		1	:			1
		· · · · · · · · · · · · · · · · · · ·				P	rogress Energy		Da	te T			Revisi	on		Checked	A	pproved
									07-May-0							+	<u> </u>	

6 201	6 COD Suppor	rt Schedule			SCA & LWA	Support & 20	18COD Supp	ort								67-	May-08 07:34
11.1	a da serena		84	Fleich			والمحدث والمحدث		<u></u>	2900 - 10 - 2 -	do en este a com	i Harlan w	2 M				69
N	YFSME1600	YFS - P&ID's - Complete		18-Jun-08	feb 🤇	line -	<u> </u>	1	VF	S - P&ID's		3. Sep	Cel	Nav	Des	Jan	Feb
1 Ph	ping Layout Deg		17-Apr-08 A	1.		į	;	r 6				ł	•	1	1	1 1	:
	YFSME1810	YFS - Prep Piping Layout Dwgs	17-Apr-08 A	14-May-06	-	ł	1	YFS.	Prep Piping	Levout Dw		ţ.	1	1			
	YFSME1820	YFS - Review Piping Layout Dwgs	15-Mey-08	29-May-08		1	1			iew Piping L	· .	į.	į	i	1		1
	YFSME 1630	YFS - Incorporate Commenia Piping Layoul Owgs	30-May-08	08-Jun-08	-	Ì	1	d d	i .			ing Layout Dwg	1	•	1	:	1
	YFSME1840	YFS - Approve/lasue Piping Layoul Dwgs	09-Jun-06	18-Jun-08	}		÷				Assue Piping L	•	÷				
	YFSME1550	YFS - Piping Layout Dwgs - Complete		16-Jun-08	1	;	1		F		ayoul Dwgs - (· · ·					1
CA - CI	Ivil Structur	al Facilities	11-Feb-08 A	08-Sep-08			1						÷		ļ	,	;
CSF100	0	2016 COD - Support Price Reduction Evaluationa	01-Apr-08 A	30-May-08				1	2018 COD	-Support P	rice Reduction	Evaluation	ł	1	1	,	:
Drawing	gs 30%		11-Feb-08 A	08-Sep-08	·	-	;	1		1		1	1	-			
	is Road		11-Feb-08 A	30-Apr-08 A				}	!	4	!		÷	4	÷		·
Hb	tizontal Alignme	n i	······	13-1/lar-08 Å	4	1	1			i i	i	÷	i i	-	1	,	
	A1000	Access Roada - Prepare Horizontal Alignment	11-Feb-08 A	26-Fab-08 A		Access Roa	dș - Prepara H	rizontal Align	í Imer	1		÷	1	1	1		
	A1010	Access Roads - Revelw/Comment on Horizontal Alignment	27-Feb-08 A	06-Mar-08 A	1	Access	Ruads - Revels	Comment of	Horizontal	Algnmei							
/	A1020	Access Roads - Incorporate Comments on Horizontal Alignment	07-Mar-08 A	12-Mer-08 A	1	Acces	Roada - Inco	porate Comr	sents on Ho	rizontal Aligr	umei	;	1		}		ŗ
/	A1040	Access Roads - Horizontal Alignment Complete		13-Mar-08 A	+····	Acces	s Roads - Hoi	zontał Aliginin	, ant Complet		• • • • • • • • • • • • • • • • • • • •			÷••••••		 .	
	A1030	Access Roads - Approve/Issue Harizontal Alignment	13-Mar-08 A	13-Mar-08 A		[Acce	ss Roads - Ap	ove/Issue H	, dzontel Alig	nimer				1			
Vol	tioal Alighmont,		07-Mair-DB A	14-Apt-08 A	u l				•	;		1			1		
·	41050	Access Roads - Prepare Vertical Alignment	07-Mar-08 A	25-Mar-08 A			Access Roads	Prepare Ve	dical Alignm	he				1	1		
	A1060	Access Roads - Revelw/Comment on Vartical Alignment	26-Mar-08 A	03-Apr-08 A			Access Ro	dz - Raveiw	Comment o	n Vertical Af	ក្នុងក្នុងខ្មែរ	1					i
	A1070	Access Roads - Incorporate Comments on Vertical Alignment	04-Apr-08 A	09-Apr-08 A	1		Access	toads - Incor	porate Com	nenis en Ve	tical Algniner	•		÷			
	41080	Access Roads - Approve/Issue Vertical Alignment	11-Apr-08 A	14-Apr-08 A			Acces	a Roads - Ap	, prove/lasue '	Vértical Aligi	nmér			1			
		Access Roads -Vertical Alignment Complete		14-Apr-08 A			Acces	Roads -Ver	deal Aligame	int Complete				-			:
	18	Typical Sections	04-Apr-08 A	30-Apt-08.A						1	;	1				1	
		Access Roads - Prepare Cross Sections and Typical Sections		07-Apr-08 A	}		Access F	pada - Prepa	e Cross Sec	tions and T	pidal Section	į				1	
		Access Roads - Revelw/Comment on Cross Sections and Typical Sections		1 '			I Access	tosds - Reve	พ. Cammeni	t șn Cross 8	oclions and Ty	pical Section					
		Access Roads - Incorporate Comments on Cross Sections and Typical Se		1			, .		(ions and Typica	Section	1			:
		Access Roads - Approve/Issue Cross Sections and Typical Sections	25-Apr-08 A	28-Apr-08 A				Access Road	- Approve/	asonC euséi	Sections and 1	ypical Section					3 (
.		Access Roads -Cross Sections and Typical Sections Complete		30-Apr-08 A			•	Access Road	is -Cross Se	iciiona and 1	ypical Section:	s Complet	i i				
	Haul Road zontal Alignmen			02-May-08 A						1	i i			1			i Ì
		a construction of the second state of the second state of the second state of the second state of the second st	11-Fob-08 A	1						1				}			[
	the second second second second second	The second s	11-Feb-08 A				Roads - Prapa			1	+		1				
			27-Feb-08 A	la contra			aul Roada - Ro		1		•		1	į			;
· · · · · · · · · · · ·		the second	07-Mar-08 A		1		Heul Roads -				Alghme			1			
		Heavy Haul Roads - Approve/Issue Horizontal Alignment	13-Mer-08 A	13-Mar-08 A			Haul Roada			1 -	1	-		1	;		
		Heavy Haul Roads - Horizontal Alignment Complete		13-Mar-08 A		♦ Heav	Reut Roads	Horizonial Al	ghment Con	nplei		1		;			
	dai Alighment			14-Apr-06 A						1	;			;			:
	e care a la l		07-Mar-08 A	1			Heavy Haul Ro		-				}	1	1		:
			26-M#1-08 A			-	Heavy Heu		r i i i i i i i i i i i i i i i i i i i								; (
L ^	144V ji	Heavy Hauf Roads - Incorporate Comments on Vertical Alignment	04-Apr-08 A	09-Apr-08 A			,pog Heavy⊁	aul Roads - Ir	corporate C	omments or	Vérticat Alignr	τe	r I	:	; ;		: 1

. . . .

.

	port Schedula		. 5	CA & LWA	Support & 20	16COD Suppo	rt –								07-	May-0
den der			Fishen Street State			Section 201	an a	e nes dite s	2000		1.000	a baya taka			20	101
A 1230	Heavy Haul Roads - Approve/Issue Verticel Alignment	14-Apr-08 A	14-Apr-08 A	<u>, 6, 6</u>			Haul Roses	Approve/lai	ue Vertical	Are .	. Pro	20 D	Nov .	Dea	len .	
A1240	Heavy Haul Roads - Vertical Alignment Complete	+	14-Apr-08 A			i	Heul Roads	i					1			1
Cross Sections	and Typical Sections	04-Apt-08 A	02-Mby-08 A		-				1				;			i -
A1250	Heavy Haul Roads - Prepare Cross Sections and Typical Sections	04-Apr-08 A	07-Apr-08 A		1	Heavy N	l Ul Roads - P	i Tanaza Cross	Sections on	d Typical Sec			1			1
A1260	Heavy Haul Roads - Revelw/Comment on Cross Sections and Typical Sec					i	1	1		s Suctions an		. !	1			i -
A1270	Heavy Haul Roads - Incorporate Comments on Cross Sections and Typical			j.			4									
A1280	Heavy Haul Roads - Approve/lesue Cross Sections and Typical Sections						4	•		*		d Typical Sec	tta			1
A1290	Heavy Haul Roads - Cross Sections and Typical Sections Complete	UT-Way-US A			1					Cross Section:			į			1
Heavy Haul & Pipe		11-Feb-08 A	.02-May-08 A		1		Fiervy Hau	i Roade - Cro	as Sections	and Typical S	ections Comp		-			1
Plan View		11-Fab-00 A			-			:	1	ł		1	1			1
A1300	Heavy Hauf & Pipeline Bridge - Prepare the Plan Depicting the Approaches	1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	1	. <u></u>	lacenter	Enclara sea		i d-server	j.							
A1310	Heavy Haul & Pipeäne Bridge - Reveiw/Comment on the Plan Depicting th.				1	Pipeline Brid						1.1		1		1
A1320			06-Mar-08 A	'		ut & Pipeline	1	•	,					Bid	1	i -
A1330	Heavy Haul & Pipeline Bridge - Incorporate the Plan Depicting the Approac	A 50-16M-10	12-Mar-08 A			Heul & Pipelin	4									1
A1340	Heavy Haul & Pipeline Bidge - Approve/Issue the Plan Depicting the Appr.	13-Mar-08 A	And a second s		1	Haul & Pipeli	4	•			,	1 .	,	id		1
Selevation View	Heavy Haul & Pipeline Bridge - Plan Depicting the Approaches to the Heav	and the second state in second state	13-Mar-08 A		♦ Heavy	Haul & Pipeli	e Bridge - P	ian Depicting	the Approac	hes to the He	avý Haul & Pi	peline Bridges	Cémpi			÷
A1350		07-Mat-08 A			1		[1			1		1	!	<u>[</u>
A1360	Heavy Haut & Pipeline Bridge - Prepare Elevation Views on Heavy Haut & .							•	•			Pipeline Bridg	,		÷	1
A1370	Heavy Haul & Pipeline Bridge - Revelw/Comment on Elevation Views on H.	14-Apr-08 A	28-Apr-08 A		1	• •		,	1	,		wal on Heavy			1	1
A1380	Heavy Hauf & Pipeline Bridge - Incorporate Comments on Elevation Views	29-Apr-08 A	30-Apr-08 A		-		Heavy Haul	å Pipeline Br	idge - Incorp	orate Comme	nte on Elevel	on Views on H	leávy Haul &	Pigaline Brid		į.
······	Heavy Haul & Pipežne Bridge - Approventatue Elevation Views on Heavy H	01-May-08 A	02-May-08 A		1		i					n Heavy Haul	1	tet.	÷.	1
A1390	Heavy Haul & Pipeline Bridge -Evaluation Views on Heavy Haul & Pipeline		02-May-08 A				 Heavy Hau 	(& Pipeline B	ที่ปฏิจ ไร่งอัเบ	ation Views o	n Heavy Haul	a Pipelíne Bik	Iges Compl			
A1400		00-Apir-08 A	02 May-08 A						1						1	1
A1400	Heavy Haul & Pipelina Bridge - Prepare Heavy Haul & Piplina Bridge Profile		28-Apr-08 A						F	e Hesvy Haul	1	- (ł	:
	Heavy Haul & Pipeline Bridge - Revelw/Comment on Heavy Haul & Pipene		30-Apr-08 A			1	Heavy Haut	& Pipeline Br	idge - Revei	wComment o	n Heevy Heul	& Pipine Brid	gs Prof		1	:
A1420	Heavy Haul & Pipeline Bridge - Incorporate Commants on Heavy Haul & Pi.			i			Heavy Haul	& Pipeline B	ridge - Incom	iciate Comme	inth on Heavy	Hjul & Pipline	Bridge Profi	;	;	;
A1430	Heavy Haul & Pipeline Bridge - Approve/Issue Heavy Haul & Pipline Bridge		02-May-08 A				Heavy Hau	A Pipeline B	Appril	we/Issue Hea	vy Haul & Pig	ine Bildge Pr	24 1			
A1440 Details & Cross S	Heavy Haul & Pipeline Bridge - Heavy Haul & Pipline Bridge Profiles Comp.		02-May-08 A				Heavy Hau	& Pipeline B	idoge - Heav	y Haul & Pipli	ne Bridge Pro	les Comple				1
	and the state of t	28-May-08	30-Jun-08			-			1	1			;	1		1
A1450		28-May-08*	11-Jun-08				Ę	Heavy الشتر	Haul & Pipe	Anje Bridge - F	repare Detai	s 🖡 Cross Sec	noit:		1	1
A1460	Heavy Haul & Pipeline Bridge - Reveiw/Comment on Details & Cross Secti.		20-Jun-08					<u>с</u> н	avy Haul & I	Pipeline Bridg	e Reveiw/C	mment en De	tails & Crose	Sectio	1	1
A1470	Heavy Haul & Pipeline Bridge - Incorporate Comments on Details & Cross .	23_Jun-08	27-Jun-08					·····	Heavy Hav	& Pipeline Bi	idge - Incorpo	raje Commen	la pri Detalla	Cross Sectio	1	
A1460	and a state of the base of the second state of the second state of the second state of the second state of the	30-Jun-08	30-Jun-08					,	🕴 Heavy Ha	ul 🖕 Pipeline E	Bridge - Appro	vevissue Oeta	ils & Cross Si	etto:	-	i.
A1490	Heavy Haul & Pipeline Bridge - Datails & Cross Sections Complete		30-Jun-08			·		:	🔶 Heavy Ha	ul A Pipeline E	Iridge - Detai	s & Cross Sec	tions Comple			į.
Barge Slip		11-Feb-08 A	24-Jun-08					;		i			1	1		÷ .
Sector All and the sector of t		1t-Feb-08 A	14-Mar-08 A					1	ļ	;		1	1		-	2
A1500		11-Feb-08 A	26-Feb-08 A		Barge Sto - A	repare Locate	n Plan & Vic	nhý Pía								<u>.</u>
A1510	Baige Slip - Revelw/Comment on the Location Plan & Vicinity Plan	27-Feb-08 A	06-Mar-08 A		Berge Slip	- Revelw/Cd	nment on the	Location Ple	ģ & Vicinity I	214		1				1
A1520		07-Mar-08 A	13-Mar-08 A		nn Barge	Slip - Incorpo	ate Commen	s on the Loc	, aˈson Plan &	Vicinity Pk		;	1	i		1
A1530	Barge Slip - ApproveAssue the Location Plan & Moinity Plan	14-Mar-08 A	14-Mar-08 A		Sarge	Slip - Approv	/issue the Lo	cation Plan &	Vidnity Piz	1			1	1	1	i.
A1540	Barge Slip - Location Plan & Vicinity Plan Complete	ه د د د ۱	14-Mar-08 A		♦ Barge	Sip - Locatio	Plan & Vicin	ity Plan Com	plat				:			1
					<u> </u>			·	······							<u> </u>
					Pro	gress Energy		Da 07-May-0			Revis	100		Checked	Apr	prove

. .

. . CONFIDENTAL

•

2015 COD Suppor	1 Schedule			CALIN	A Support & 20		4									May-08 07:34
	Adverteine	TRUE .	- 1965	1			• •) 000 (200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200	- <u></u>	1					
	1. A second s Second second s Second second se	with the second		ze. Fub	Nill		. May	An	25 - M - 55	A40	- Pes	Cw	Nov	Он	Jan	
Conditions Plan	品牌的Windows and 计算机中心 1999年,1999年,1999年,1999年,1999年,1999年,1999年,1999年,1999年,1999年,1999年,1999年,1999年,1999年,1999年,	<u> </u>	13-Apr-08 A							[].			1		-	
A1550	Barge Silp - Prepare Existing Conditions Plan, Including Boring Location		25-Mar-08 A		1	Barge Slip - Pr		1								÷ /
A1560 A1570	Barge Slip - Revelw/Comment on Existing Conditions Plan, Including Borin				-	Barge Slip		1	•	,	•	1				
	Barge Sip - Incorporate Comments on Existing Conditions Plan, Including			1	ì	,		÷		1		ng Çoring Loci	n10 ;			1
A1580	Barge Silp - Approve/Issue Existing Conditions Plan, including Boring Loca	16-Apr-08 A						ve/lasue Exis								
A1590 Barge Slip Plan	Barge Skp - Existing Conditions Plan, Including Boring Location Complete		18-Apr-06 A		1	• B#1	e 580 + ⊑¥181	ing Condition	i Plan, Includi I	ing Bonng Li	ocason Comp) le ,		:		1
A1600	Para City Crance Des Distance of a	04-Apr-08 A	A ALE AND A COMPANY		1		. D	, 	<u> </u>			1		:		
A1600 A1510	Barge Silp - Prepare Barge Silp Plan		10-Apr-08 A	1	1			Barge Slip Pla		i dia	1	i		;		:
A1620	Barge Slip - Ravelw/Comment on Barge Slip Plan	\$ · · · · · · · · · · · · · · · · ·	17-Apr-08 A	4	1	•		w/Comment o	1	,	1	}	1			}
A1620	Barge Silp - Incorporate Comments on Barge Silp Plan Barge Silp - Approve/Issue Barge Silp Plan		21-Apr-08 A		.j			porata Comr prove/liseve B								4
A1640	Barge Silp - Barge Silp Plan Complete	22-Apr-08 A	23-Apr-08 A		1	:		rge Sip Plan			;	;	÷			;
Evelopent Court	entition Control Plan start 10, 1993 and 1993	04-Apr-08 A	02-May-08 A		i		i ge oith - th	нун анр тин Г	t t	1	1		-			
A1650	Barge Slip - Prepare Erosion and Sedimentation Control Plan		10-Apr-08 A	ł	;	, and Barne S	lio - Prenara	Erosion and S		Control Pic						1
A1660	Barge Slip - Reveiw/Comment on Erosion and Sedimentation Control Plan				1			evelw/Comm			i numbration Cou	i IS fort				
A1670	Barge Slip - Incorporate Comments on Erosion and Sedimentation Control	29-Apr-05 A		+		·····		ncorporate C	•	1	,	•				·;·····
A1580	Barge Slip - Approve/Issue Erosion and Sedimentation Control Plan		02-May-08 A		;			Approve/last		1			ţ			
A1690	Barge Slip - Erosion and Sadimentation Control Plan Complete		02-May-08 A		1	1		Erosion and		!	1		1			
Erosion and Sealin	in Glon Control Beeflons and Breails	28-Apr-08 A					• •				1					
A1700	Barge Slip - Prepare Erosion and Sedimeniation Control Sections and Deta	Compression of the second seco	1 1 11 14 14 14 1		1			ae Silo - Prep	ara Erasion e	and Sedimer	Istian Contro	(Sections and	Deta			
A1710	Barge Slip - Reveiw/Comment on Erosion and Sedimentation Control Secti	have been a second and the second sec	29-May-08			·····				*	*		nina Sections i	ind Delr		
A1720	Barge Slip - Incorporate Comments on Erosion and Sedimentation Control	30-May-08	05-Jun-08	1	1			•	•	1	•	•	+	actions and Oati		
A1730	Barge Silp - Approve/tesua Erosion and Sedimentation Control Sections an		06-Jun-08					↓ Barge Sil	p - Approve/	iseve Erosloi	n and Sedime	ntation Contro	of Sections and	Deta		
A1740	Barge Slip - Erosion and Sedimentation Control Sections and Details Com.	1	06-Jun-08					🔶 Barge Sli	p - Erosion a	nd Sedimen	talion Control	Sections and	Deleils Compl	•		;)
Disposhi Arade		30 May-08	24-Jiln-08		1	; ;				1						
A1750	Barge Silp - Prepare Dispost Areas	30-May-08	12-Jun-08					Barge	Sip Prepar	ต ปีเรอจ์ส์โค้เ	6a					*******
A1760	Barga Slip - Revelw/Comment on Dispoal Areas	13-Jun-08	15-Jun-05	1	1			🗖 Ber	ge Skp - Rev	ew/Commar	nt on Disposi	Arda		1		1
A1770	Barge Silp - Incorporate Comments on Dispost Areas	19-Jun-08	23-Jun-08		1			08	arga Silo - In	corporate Co	omments on I	Disposi Aree				1
A1780	Barga Slip - Approve/issue Dispoal Areas	24-Jun-08	24-Jun-08		ł			18	arge Slip - A	prove/lasu	e Dispoal Are	8	:			: 1
A1790	Barge Slip - Disposit Areas Complete		24-Jun-08					• 6	arpe Silp - D	asenA laoqit	Complet					;
WY 10 & 40		11-Fub-08 A	92-May-68 A													.l
Plan Vlàw		11-Feb-08A	03-Mor-08 A		1					:	1	1				
A1800	HWY 19 & 40 - Prepare Plan View for Imporvements of HWY 19 & 40	11-Feb-08 A	1	ł	WYY 19 & 40 -	, ,			1	1						
A1810	HWY 19 & 40 - Revelw/Comment on Plan View for Imporvements of HWY,	-	·	1	HWY 19 & 40	i i					i i					i
A1820	HWY 19 & 40 - Incorporate Comments on Plan View for Imporvements of		29-Feb-04 A		HWY 19 &					•	1944					. .
A1830	HWY 19 & 40 - Approve/lesue Plan View for Imporvements of HWY 19 & 40	03-Mar-08 A		ł	•	40 - Approve		•	,	,	1					1
A1540	HWY 19 & 40 - Plan View for Imporvements of HWY 19 & 40 Complete		03-Mar-08 A		♦ HWY 19 &	40 - Pien Viet	tot imporve	pents of HWY	19 & 40 Cor	rpiet		í.				
Elevation View.			02 May-08 A		1	1				1	1	1		;		1
A1850	HWY 19 & 40 - Prepare HWY 19 & 40 Elevation Views HWY 19 & 40 - Revelw/Comment on HWY 19 & 40 Elevation Views	07-Apr-08 A	10-Apr-05 A		1	i 🔳 HWY 16		re HWY 19 L - Reveiw/Cot		•	1	1	;	1 1		

AL120 MVI 12 & 4.0 - Hosperste Commention (HVI 12 & 4.0 Elevation Visual A1460 All-20 MVI 12 & 4.0 - Hosperste Commention (HVI 12 & 4.0 Elevation Visual A1460 MVI 12 & 4.0 - Hosperste Commention (HVI 12 & 4.0 Elevation Visual A1460 MVI 12 & 4.0 - Hosperste Commention (HVI 12 & 4.0 Elevation Visual A1460 MVI 12 & 4.0 - Hosperste Commention (HVI 12 & 4.0 Elevation Visual A1460 MVI 12 & 4.0 - Hosperste Commention (HVI 12 & 4.0 Elevation Visual A1460 MVI 12 & 4.0 - Hosperste A1460 MVI 12 & 4.0 - Hosperste A14600 MVI 12 & 4.0 - Hosperste A14600	2016 COD Supp	ort Schedula			CA 4 11414	Currend 8 12	44000.0			,. <u>.</u>							
1130 Hor II & d. S. Approximation and Wr. II & d. Glavasha Van. Packed A John C. S. Approximation and Wr. II & d. Glavasha Van. Packed A John C. S. Approximation and Wr. II & d. Glavasha Van. Packed A John C. S. Approximation and Wr. II & d. Glavasha Van. Packed A John C. S. Approximation and Wr. II & d. Glavasha Van. Packed A John C. S. Approximation and Wr. II & d. Glavasha Van. Packed A John C. S. Approximation and Wr. II & d. Glavasha Van. Packed A John C. S. Approximation and Wr. II & d. Glavasha Van. Packed A John C. S. Approximation and Wr. II & d. Glavasha Van. Packed A John C. S. Approximation and Wr. II & d. Glavasha Van. Packed A John C. S. Approximation and Packed A Approximation Approximation and Packed A Approximation and Packed A Approximation and Packed A Approximation Approxi		Adative second sec	i Red 1	् यो सिद्धाः स्टब्स्	TTTT A CHIN	Support & 21	necoo supp									07.	-May-08 07:34
ALE AVX 18 4.0 Computer an HVX 18 4.0					Feb	Alar 1					1 6.35g		<u></u>			,	000
11100 Hord V 18 4 G - Fayle V 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ Primaria A Lower 3 A 1110 First 1 & G - Approvalue W 18 4 G Environ First 1 & G - Approvalue W 18 4 G Environ 11110 First 1 & G - Apprim 1 & G - Apprime M 18 A			29-Apr-08 A	30-Apr-08 A	1.			F HWY 19 &				& 40 Elevatio				ARC .	710
1001 1001 10000 1000 1000 1000	de la companya de la		01-May-08 A	02-Mey-08 A		1		HWY 19 &	40 - Approve	WWH BURN	19 8 40 Elev	tion View	1		1		
Harden Approach Harden Approach Harden Approach A1000 Raffwei - Presen Verden Algoment Harden Algoment A1010 Raffwei - Reinford Algoment Harden Algoment A1010 Raffwei - Reinford Algoment Frägen Alg		HWY 19 & 40 - HWY 19 & 40 Elevation Views Complete	ы калы с та алуу лас	02-May-08 A	·	1		+ HWY 19 &	40 - HWY 1	9 🛦 40 Eleveli	on Views Co	npiat-		1	1		
14300 Ralined - Prese Holdsmid Algorism 11-Fb-04 algorism <t< td=""><td></td><td></td><td>11-Fcb-08 A</td><td>08-Sep-08</td><td>ſ</td><td>i</td><td>1</td><td>1</td><td>•</td><td></td><td>1</td><td></td><td>1</td><td>1</td><td></td><td></td><td></td></t<>			11-Fcb-08 A	08-Sep-08	ſ	i	1	1	•		1		1	1			
119-0 Palload ResPublicaniania on Horizontal Algoment 1274-626 A A1292 Raftood - Recommantion on Horizontal Algoment 774-626 A A1292 Raftood - Recommantion on Horizontal Algoment 774-626 A A1290 Raftood - Recommantion on Horizontal Algoment 774-626 A A1290 Raftood - Recommantion on Horizontal Algoment 774-626 A A1290 Raftood - Recommantion on Horizontal Algoment 774-626 A A1290 Raftood - Recommantion on Horizontal Algoment 744-626 A A1290 Raftood - Recommantion on Horizontal Algoment 744-626 A A1290 Raftood - Recommantion on Horizontal Algoment 744-626 A A1290 Raftood - Recommantion on Horizontal Algoment 744-626 A A1290 Raftood - Recommantion on Horizontal Algoment 744-626 A A1290 Raftood - Recommantion on Horizontal Algoment 744-626 A A1290 Raftood - Recommantion on Horizontal Algoment 744-626 A A1290 Raftood - Recommantion on Horizontal Algoment 744-626 A A1290 Raftood - Recommantion on Horizontal Algoment 744-626 A A1290 Raftood - Horizontal Algoment 744-626 A A1290 Raftood - Horizontal Algoment 744-626 A A1290 Raftood - Horizontal Algoment 84-646 A	Horizontal Alian	inent in status and the Market and the status and t	11-Feb-08 A	1d-Mar-08 A			:		1				;			:	
A1920 Aprend - Incorported Commans an Hickmank Algoment (274):02.0 (264):02.0 A1930 Refred - Incorported Commans an Hickmank Algoment (174):02.0 (274	A1900	Railroad - Prepare Horizontal Alignment	11-Feb-08 A	26-Feb-08 A		Railroad - Pi	ioznoH etequi	nlai Alignmer	+	4							
A1520 Patrad - Approvaluas Helicital Algement 1/44/02/04 A1520 Patrad - Approvaluas Helicital Algement 0/4/40/04 A1520 Patrad - Approvaluas Helicital Algement 0/4/40/04 A1520 Patrad - Approvaluas Helicital Algement 0/4/40/04 A12020 Patrad - Approvaluas Helicital Algement 0/4/40/04 A2010 Patrad - Approvaluas Helicital Algement 0/4/40	A1910	Railroad - Revelw/Comment on Horizontal Alignment	27-Feb-08 A	06-Mar-08 A		Reilroad	i {Reveiw/Cor	mineni on Hori	zontal Aligon	ne	1				i	1	
A1840 Patread - Horizantia Algoment Inductor All (2006) Algoment Inductor Algoment A1840 Patread - Horizantia Algoment Inductor Algoment Inductor Algoment A1840 Patread - Horizantia Algoment Inductor Algoment Inductor Algoment A1840 Patread - Horizantia Algoment Inductor Algoment Inductor Algoment Inductor Algoment A1840 Railwad - Incorporate Comment on Verical Algoment Inductor Algoment Inductor Algoment Inductor Algoment A1840 Railwad - RevelwComment on Verical Algoment Inductor Algoment Inductor Algoment Inductor Algoment A1840 Railwad - Papera Vyrical Algoment Inductor Algoment Inductor Algoment Inductor Algoment A1840 Railwad - Papera Vyrical Const Section Inductor Algoment Inductor Algoment Inductor Algoment A1840 Paper Vyrical Const Section Inductor Algoment Inductor Algoment Inductor Algoment A1840 Papera Vyrical Const Section Inductor Algoment Inductor Algoment Inductor Algoment A1840 Papera Vyrical Const Section Inductor Algoment Inductor Algoment Inductor Algoment A2000 Railwad - Paper	A1920	Railroad - Incorporate Comments en Horizontal Alignment	07-Mar-08 A	13-Mer-08 A		,		3	i -						1	1	
A1840 Fallred - Repark Vancel Algoment C440-014 • Ralloyd - Hotsont Algoment Consold A1850 Rallowd - Pepark Vancel Algoment C440-014 • Ralloyd - Hotsont Algoment Consold A1850 Rallowd - Pepark Vancel Algoment C440-014 • Ralloyd - Hotsont Algoment Consold A1860 Rallowd - Pepark Vancel Algoment C440-014 • Ralloyd - Hotsont Algoment Consold A1860 Rallowd - Pepark Vancel Algoment C440-014 • Ralloyd - Hotsont Algoment Consold A1860 Rallowd - Revelw/Comment on Vancel Algoment 04-58-04 65-58-06 A1860 Rallowd - Revelw/Comment on Vancel Algoment 04-58-04 64-58-04 A1860 Rallowd - Revelw/Comment on Vancel Algoment 04-58-04 64-58-04 A1860 Rallowd - Repark Vancel Algoment 04-58-04 64-58-04 A2000 Rallowd - Incorporate Comments on Vancel Algoment 04-58-04 64-58-04 A2000 Rallowd - Incorporate Comments on Vancel Algoment 04-58-04 64-58-04 A2000 Rallowd - Incorporate Comments on Vancel Algoment 04-58-04 64-58-04 A2000 Rallowd - Incorporate Comments on Vancel Algoment 04-58-04 64-58-04 A2000<	A1930	Raifroad - Approve/lasue Horizontal Alignment	14-Mar-08 A	14-Mar-08 A		Ralir	old - Approve	Hesue Horizon	alal Alignmer	-	1	1		1	1		
Construction OF Any Ord OF Any Ord<	A1940	Railroad - Horizontal Alignment Complete		14-Mar-08 A		•			T	1) T					1	
A1560 Failored - Reynor Vatical Algoment 14-Aug-06 14-Aug-06 A1560 Railored - Reynor Vatical Algoment 22-Aug-06 22-Aug-06 A1670 Railored - Reynor Vatical Algoment 22-Aug-06 22-Aug-06 A1690 Railored - Reynor Vatical Algoment 22-Aug-06 22-Aug-06 A1690 Railored - ReprovAtase Vatical Algoment 28-Aug-06 06-Sep-08 A1690 Railored - ReprovAtase Vatical Algoment 06-Sep-08 06-Sep-08 A1690 Railored - ReprovAtase Vatical Algoment 06-Sep-08 06-Sep-08 A2000 Railored - ReprovAtase Vatical Algoment 06-Sep-08 06-Sep-08 A2000 Railored - ReprovAtase Vatical Algoment 06-Sep-08 06-Sep-08 A2000 Railored - ReprovAtase Vatical Algoment 06-Sep-08 06-Ap-08 A 1 A2000 Railored - ReprovAtase Station 06-Ap-08 A 1 Railored - ReprovAtase Vatical Algoment * A2000 Railored - ReprovAtase Station 06-Ap-08 A 1 Railored - ReprovAtase Regiment on Typica Cross Section * Pailored - ReprovAtase Regiment on Typica Cross Section * A2000 RVS Indes Stucture - Prepare Plan Vare </td <td>Vertical Allgome</td> <td></td> <td>04-Aug+08</td> <td></td> <td></td> <td>••••••</td> <td>·</td> <td>•</td> <td>·</td> <td>4</td> <td>- </td> <td>·</td> <td></td> <td>4</td> <td></td> <td></td> <td></td>	Vertical Allgome		04-Aug+08			••••••	·	•	·	4	- 	·		4			
A1860 Fallored - Revent/Comment on Vertical Algoment 22-Aug-08 22-Aug-08 22-Aug-08 22-Aug-08 1000 A1870 Railroad - Incorporate Comments on Vertical Algoment 22-Aug-08 105-8p-08 1000 A1800 Railroad - Approventase Vertical Algoment 06-8p-08 06-8p-08 06-8p-08 1000 A1800 Railroad - Approventase Vertical Algoment 06-8p-08 06-8p-08 1000 1000 A1800 Railroad - Statuse Algoment Complets 06-Apr-08 A 10000 1000 1000 1000 1000 10000 10000 10000 10000 100000 100000 100000 100000 1000000 1000000 1000000 10000000 10000000 100000000 1000000000000000000000000000000000000	A1950	Raikoad - Prepare Vertical Alignment			ļ			1	-		-	, airoad - Prer	, ara Vertical A⊑	-		Ì	
A1970 Ralined - Incorporate Comments on Vertical Alignment 22-Augr09 105-58p-00 Incorporate Comments on Vertical Alignment A1980 Ralined - Incorporate Comments on Vertical Alignment 06-58p-00 Incorporate Comments on Vertical Alignment A1980 Ralined - Approvations Vertical Alignment 06-58p-00 Incorporate Comments on Vertical Alignment A2000 Ralined - Prevent Vertical Competition 06-58p-00 Incorporate Comments on Vertical Alignment A2000 Ralined - Revent/Comment on Typical Cross Sections 06-4Apr06 A 07-4Apr06 A Incorporate Comments on Typica Cross Section A2010 Ralined - Incorporate Comments on Typical Cross Sections 06-Apr06 A Incorporate Comments on Typica Cross Section Incorporate Comments on Typica Cross Section A2020 Ralined - Incorporate Comments on Typica Cross Sections 06-Apr06 A Incorporate Comments on Typica Cross Section Incorporate Comments on Typica Cross Section A2020 Ralined - Incorporate Comments on Typica Cross Section 16-Apr06 A Incorporate Comments on Typica Cross Section Incorporate Comments on Typica Cross Section A2040 Ralined - Typical Cross Section Complete Interbol A (Apr06 A Interbol A (Apr06 A Interbol A (Apr06 A A2050 RVS Intake Structure - RevetwComment	A1950	Railroad - Reveiw/Comment on Ventical Alignment	20-Aug-08				1	1		i	•	,	*	ī (
A1980 Raikoad - Approvediaus Vertical Algoment 04.5ep.08 04.5ep.08 A1980 Raikoad - Approvediaus Vertical Algoment 04.5ep.08 04.5ep.08 A2000 Raikoad - Prepare Typical Cross Bactions 04.Apr.08 A 07.Apr.08 A A2000 Raikoad - Revelw/Contrant on Typical Cross Bactions 04.Apr.08 A 07.Apr.08 A A2010 Raikoad - Revelw/Contrant on Typica Cross Bactions 04.Apr.08 A 07.Apr.08 A A2020 Raikoad - Revelw/Contrant on Typica Cross Bactions 04.Apr.08 A 1.4.Apr.08 A A2020 Raikoad - Approvediaus Comments on Typica Cross Bactions 04.Apr.08 A 1.4.Apr.08 A A2020 Raikoad - Typical Cross Bactions Completis 1.4.Apr.08 A 1.4.Apr.08 A A2030 Raikoad - Typical Cross Bactions Completis 1.4.Apr.08 A 1.4.Apr.08 A A2040 Raikoad - Typical Cross Bactions 1.4.Apr.08 A 4.4.Apr.08 A A2050 RVK Intake Structure - Prepare Plan View 1.4.Apr.08 A 4.4.Apr.08 A A2050 RVKS Intake Structure - Prepare Plan View 2.5.4.Bob A 2.5.4.Bob A A2050 RVKS Intake Structure - Prepare Plan View 2.5.4.Bob A 2.5.4.Bob A A2050 <	A1970	Railroad - Incorporate Comments on Vertical Alignment	the bootstand of the state of t	-			1	3				1		1		1	
Articol Failroad Vertical Algement Complete 04-35-00-05 CA11 Column CA12 Column 04-35-00-05 CA2000 Relificad Vertical Algement Complete 04-35-00-05 A2010 Ralificad Vertical Algement Complete 04-35-00-05 A2010 Ralificad Vertical Algement Complete 04-30-05-05 A2010 Ralificad Vertical Algement Complete 04-30-05-05 A2010 Ralificad Vertical Conse Sections 04-30-05-05 A2020 Ralificad Vertical Conse Sections Complete 14-40-05-05 A2020 Ralificad Vertical Conse Sections Complete 14-40-05-05 A2030 Ralificad Vertical Conse Sections Complete 14-40-05-05 A2040 Ralificad Vertical Conse Sections Complete 14-40-05-05 A2050 RVMS Intake Structure - Revelw/Comment on Plan View 25-78-05-05 25-78-05-05 A2050 RVMS Intake Structure - Prepare Plan View <td< td=""><td>A1980</td><td>Raikoad - Approve/Issue Vertical Alignment</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td>[</td><td>1</td><td></td><td></td><td></td><td></td><td>, -</td><td>meł</td><td></td></td<>	A1980	Raikoad - Approve/Issue Vertical Alignment					1		[1					, -	meł	
Const 401911 Prepare Typical Cross Sections Di-Apr-09 A OFA-009 A A2000 Raifroad - Prepare Typical Cross Sections Di-Apr-09 A OFA-009 A A2010 Raifroad - Approvants on Typica Cross Sections Di-Apr-09 A IO-Apr-09 A A2020 Raifroad - Approvants on Typica Cross Sections Di-Apr-09 A IO-Apr-09 A A2020 Raifroad - Approvants on Typica Cross Sections Di-Apr-09 A IO-Apr-09 A A2020 Raifroad - Approvants on Typica Cross Sections I-Apr-09 A IO-Apr-09 A A2020 Raifroad - Approvants on Typica Cross Sections I-Apr-09 A I-Apr-09 A A2030 Raifroad - Approvants on Typica Cross Sections I-Apr-09 A I-Apr-09 A A2040 Raifroad - Approvants on Typica Cross Sections I-Apr-09 A I-Apr-09 A A2050 RVS Initake Structure - Prepare Plan View I-Apr-09 A I-Apr-09 A A2050 RVS Initake Structure - Reveiw/Comment on Plan View I-Apr-09 A I-Apr-09 A A2050 RVS Initake Structure - Reveiw/Comment on Plan View I-Apr-09 A I-Apr-09 A A2050 RVS Initake Structure - Reveiw/Comment on Cross Sections I-Apr-09 A I-Apr-09 A X2060	A1990	Railroad -Vertical Alignment Complete	+	1			·							1			
A2000 Reliced - Propers Typical Cross Sections 04.Apr.05 A 07.Apr.05 A 07.Apr.05 A 07.Apr.05 A A2018 Reliced - Revelw/Comment on Typical Cross Sections 04.Apr.05 A 06.Apr.05 A 06.Apr.05 A 1 Relicoad, Revelw/Comment on Typical Cross Sections A2018 Reliced - Composite Comments on Typical Cross Sections 04.Apr.05 A 06.Apr.05 A 14.Apr.05 A A2020 Reliced - Typical Cross Sections 04.Apr.05 A 06.Apr.05 A 14.Apr.05 A A2030 Reliced - Typical Cross Sections 04.Apr.05 A 14.Apr.05 A A2040 Reliced - Typical Cross Sections Complete 14.Apr.05 A 14.Apr.05 A X1000 Reliced - Typical Cross Sections Complete 14.Apr.05 A 14.Apr.05 A X1000 Reliced - Typical Cross Sections Complete 14.Apr.05 A 14.Apr.05 A X1000 Reliced - Typical Cross Sections Complete 14.Apr.05 A 14.Apr.05 A X1000 RWS Intake Structure - Prepare Plan View 257.eb.05 A 12.eb.05 A 22.eb.05 A X2000 RWS Intake Structure - Nonporate Commention on Plan View 257.eb.06 A 22.eb.05 A 11.eb.050 A X2000 RWS Intake Structure - Nonporate Commention on Cross Sections<	Ctass Sectiona		04-Ast-08 A				1						ed, • veraçal Aliş	gament Comp	.er		
A2010 Failload Ravew/Comment on Typica Cross Sections 02-Apr-08 A 04-Apr-08 A 04-Apr-08 A A2020 Raiload - Approvedsus Typica Cross Sections 02-Apr-08 A 10-Apr-08 A I Raiload - Approvedsus on Typica Cross Section A2020 Raiload - Approvedsus Typica Cross Sections 02-Apr-08 A 14-Apr-08 A I Raiload - Approvedsus on Typica Cross Section A2020 Raiload - Approvedsus Typica Cross Sections 14-Apr-08 A 14-Apr-08 A I Raiload - Approvedsus on Typica Cross Section A2040 Raiload - Approvedsus Typica Cross Sections 11-Fab-08 A 14-Apr-08 A I Raiload - Approvedsus Typica Cross Section A2050 RVXS Intake Structure - Prepare Plan View 11-Fab-08 A 19-Fab-08 A III Raiload - Approvedsus Plan View A2050 RVXS Intake Structure - Reve/WComment on Plan View 22-Fab-08 A 22-Fab-08 A III Reve/View - Approvedsus Plan View A2050 RVXS Intake Structure - Approvedsus Plan View 22-Fab-08 A 22-Fab-08 A III Reve/View - Approvedsus Plan View A2050 RVXS Intake Structure - Approvedsus Plan View 22-Fab-08 A 22-Fab-08 A III Reve/View - Approvedsus Plan View A2050 RVXS Intake Structure - Prepare Plan View 22-Fab-08 A 22-Fab-08 A III Rev	A2000						, Bailmad	Rranara Tvr	; Cross S				1	-	1	1	
A2020 Railroad - Incorporate Comments on Typics Cross Sections 09-Apr-08 A 10-Apr-08 A 14 Railroad - Incorporate Comments on Typics Cross Section A2030 Railroad - Approve/nsus Typica Cross Sections 14-Apr-08 A 14-Apr-08 A 1 FApr-08 A A2040 Railroad - Typical Cross Sections Complete 14-Apr-08 A 14-Apr-08 A 1 FApr-08 A A2040 Railroad - Typical Cross Sections Complete 14-Apr-08 A 14-Apr-08 A + Railroad - Typical Cross Sections Complete A2050 RWS Intake Structure - Prepare Plan Mew 11-Feb-08 A 12-Feb-08 A 22-Feb-08 A 22-Feb-08 A A2060 RWS Intake Structure - Revetw/Comment on Plan View 22-Feb-08 A 22-Feb-08 A 22-Feb-08 A 22-Feb-08 A A2060 RWS Intake Structure - Approve/nesue Plan View 22-Feb-08 A 22-Feb-08 A 1 RWS Intake Structure - Approve/nesue Plan View 22-Feb-08 A A2060 RWS Intake Structure - Nerve/Nesue Plan View 22-Feb-08 A 22-Feb-08 A 22-Feb-08 A 1 RWS Intake Structure - Plan View 22-Feb-08 A 22-Feb-08 A 1 RWS Intake Structure - Plan View 22-Feb-08 A 22-Feb-08 A 22-Feb-08 A 1 RWS Intake Structure - Plan View Complete 1 RWS I	A2010	Railroad - Revelw/Comment on Typica Cross Sections		L			•)	,			1	1			
A2000 Relificad - Approventesue Typical Cross Sactions 14-Apr-08 A 14-Apr-08 A 14-Apr-08 A A2040 Relificad - Typical Cross Sactions Complete 14-Apr-08 A 14-Apr-08 A + Relificad - Approventesue Typical Cross Sactions Complete Statistic Structure - Prepare Plan View 11-Fab-08 A 14-Apr-08 A + Relificad - Approventesue Typical Cross Sactions Complete A2050 RWS Intake Structure - Prepare Plan View 11-Fab-08 A 12-Fab-08 A - RWS Intake Structure - Prepare Plan View A2050 RWS Intake Structure - Reveiw/Comment on Plan View 20-Fab-08 A 22-Fab-08 A - RWS Intake Structure - Reveiw/Comment on Plan View A2060 RWS Intake Structure - Network Structure - Network Structure - Network Structure - Network Structure - Approventesue Plan View 22-Fab-08 A 22-Fab-08 A II RWS Intake Structure - Reveiw/Comment on Plan View A2060 RWS Intake Structure - Plan View Complete 22-Fab-08 A 22-Fab-08 A 22-Fab-08 A II RWS Intake Structure - Reveiw/Comment on Plan View 22-Fab-08 A A2100 RWS Intake Structure - Plan View Complete 22-Fab-08 A 12-Fab-08 A 12-Fab-08 A II App-08 A A2100 RWS Intake Structure - Plan View Complete 23-Fab-08 A 12-Fab-08 A 12-Fab-08 A II App-08 A	A2020	and an						4	1 · · · ·	1				į	i	;	
A2040 Railroad - Typical Cross Sections Complete 14-Apr-08 A Strictle Structure 11-Fob-09 A 14-Apr-08 A A2050 RWS Intake Structure - Prepare Plan View 11-Fob-09 A A2050 RWS Intake Structure - Prepare Plan View 11-Fob-09 A A2050 RWS Intake Structure - Prepare Plan View 20-Fob-08 A A2050 RWS Intake Structure - Revelw/Comment on Plan View 20-Fob-08 A A2050 RWS Intake Structure - Revelw/Comment on Plan View 20-Fob-08 A A2050 RWS Intake Structure - Revelw/Comment on Plan View 25-Fob-08 A A2050 RWS Intake Structure - Approva/Issue Plan View 25-Fob-08 A A2050 RWS Intake Structure - Prepare Plan View 25-Fob-08 A A2050 RWS Intake Structure - Plaproverate Comments on Plan View 25-Fob-08 A A2050 RWS Intake Structure - Plaproverate Comments on Plan View 25-Fob-08 A A2050 RWS Intake Structure - Plaproverate Crose Sections 25-Fob-08 A A2050 RWS Intake Structure - Plaproverate Crose Sections 25-Fob-08 A A2100 RWS Intake Structure - Revelw/Comment on Crose Sections 25-Fob-08 A 18-Mar-08 A A2110 RWS Intake Structure - Revelw/C	A2030	- Maleria - Marine Contractor - Anna - An		1			:	1	ļ.								
Stickle Structure III-Fob/08 A 14/Apr-08 A A2050 RWS Intake Structure - Prepare Plan View 11-Fob/08 A 12/Fob/08 A A2050 RWS Intake Structure - Prepare Plan View 11-Fob/08 A 19/Fob/08 A A2050 RWS Intake Structure - Prepare Plan View 22/Fob/08 A III Fob/08 A A2050 RWS Intake Structure - Receiv/Comment on Plan View 22/Fob/08 A III Fob/08 A A2070 RWS Intake Structure - Approvafisue Plan View 22/Fob/08 A 27/Fob/08 A III RWS Intake Structure - Incroporte Comments on Plan View A2080 RWS Intake Structure - Approvafisue Plan View 27/Fob/08 A 27/Fob/08 A III RWS Intake Structure - Approvafisue Plan View A2090 RWS Intake Structure - Plan View Complete 27/Fob/08 A 27/Fob/08 A III RWS Intake Structure - Plan View Complet A2100 RWS Intake Structure - Plane View Complete 22/Fob/08 A 12/Apr/08 A 12/Apr/08 A A2110 RWS Intake Structure - Revelw/Comment on Cross Sections 22/Fob/08 A 12/Apr/08 A III Apr/08 A A2130 RWS Intake Structure - Approventistie Comments on Cross Sections 03/Apr/08 A 12/Apr/08 A III Apr/08 A A2140 RWS Intake Structure - Approventistie Co	A2040	Railroad - Typical Cross Sections Complete						2	1				1	1	1		
A2050 RWS Intake Structure - Prepare Plan View 11-Feb-06 A 19-Feb-06 A 19-Feb-06 A 19-Feb-06 A A2060 RWS Intake Structure - Reveiw/Comment on Plan View 20-Feb-08 A 22-Feb-08 A 22-Feb-08 A 22-Feb-08 A A2060 RWS Intake Structure - Reveiw/Comment on Plan View 25-Feb-08 A 22-Feb-08 A 22-Feb-08 A 10-RWS Intake Structure - Reveiw/Comment on Plan View A2060 RWS Intake Structure - Incorporate Comments on Plan View 25-Feb-08 A 27-Feb-08 A 1 A2090 RWS Intake Structure - Plan View 25-Feb-08 A 27-Feb-08 A 1 A2090 RWS Intake Structure - Plan View Complete 22-Feb-08 A 1 RWS Intake Structure - Prepare View Complete A2100 RWS Intake Structure - Plan View Complete 22-Feb-08 A 12-Feb-08 A 1 RWS Intake Structure - Plan View Complete A2100 RWS Intake Structure - Plan View Complete 25-Feb-08 A 12-Feb-08 A 10-Apr-08 A 1 A2100 RWS Intake Structure - Reveiw/Comment on Cross Sections 25-Feb-08 A 10-Apr-08 A 10-Apr-08 A 1 A2110 RWS Intake Structure - Reveiw/Comment on Cross Sections 35-Apr-08 A 10-Apr-08 A 1 RWS In	S Intake Structur	e de la companya de l	11-Feb-08-0	(9		a compier	;			i i	Ì	4	
A2050 FWS Intake Structure - Prepare Plan View 11-Feb-08 A 10-Feb-08 A 22-Feb-08 A 22-Feb-08 A A2060 RWS Intake Structure - Reveiw/Comment on Plan View 20-Feb-08 A 22-Feb-08 A 22-Feb-08 A 22-Feb-08 A A2070 RWS Intake Structure - Incorporate Comments on Plan View 25-Feb-08 A 22-Feb-08 A III RWS Intake Structure - Prepare Plan View A2080 RWS Intake Structure - Approve/saue Plan View 25-Feb-08 A 27-Feb-08 A III RWS Intake Structure - Plan View A2090 RWS Intake Structure - Approve/saue Plan View 27-Feb-08 A 27-Feb-08 A III RWS Intake Structure - Plan View A2090 RWS Intake Structure - Plan View Complete 27-Feb-08 A III RWS Intake Structure - Plan View Complete A2100 RWS Intake Structure - Plan View Complete 25-Feb-08 A 10-Mar-09 A e A2110 RWS Intake Structure - Revelw/Comment on Cross Sections 25-Feb-08 A 10-Mar-09 A e A2120 RWS Intake Structure - Revelw/Comment on Cross Sections 15-Mar-09 A 10-Mar-09 A e A2120 RWS Intake Structure - Incorporate Comments on Cross Sections 15-Mar-08 A 10-Apr-08 A I RWS Intake Structure - Revelw/Comment on Cross Section <	lan View .						1			:		-	ł	{	1		
A2080 RWS Intake Structure - Revelw/Comment on Plan View 20-Feb-08 A 22-Feb-08 A III RWS Intake Structure - Revelw/Comment on Plan View A2070 RWS Intake Structure - Incorporate Comments on Plan View 25-Feb-08 A 27-Feb-08 A 27-Feb-08 A III RWS Intake Structure - Approvalisus Plan View A2080 RWS Intake Structure - Plan View Complete 27-Feb-08 A 27-Feb-08 A IIII RWS Intake Structure - Approvalisus Plan View A2090 RWS Intake Structure - Plan View Complete 27-Feb-08 A 27-Feb-08 A IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	A2050	RWS Intake Structure - Prepare Plan View	And the second se		BV	/S Intaka Sin	; icture - Press	Dian Mary		ł	-		1	1	1		
A2070 RWS Intake Structure - Incorporate Comments on Plan View 25-Feb-08 A 26-Feb-08 A I RWS Intake Structure - Incorporate Comments on Plan View A2080 RWS Intake Structure - Approve/Issue Plan View 27-Feb-08 A 27-Feb-08 A 1 RWS Intake Structure - Approve/Issue Plan View A2090 RWS Intake Structure - Plan View Complete 27-Feb-08 A 27-Feb-08 A 1 RWS Intake Structure - Approve/Issue Plan View A2090 RWS Intake Structure - Plepare Cross Sections 25-Feb-08 A 12-Feb-08 A 1 RWS Intake Structure - Plepare Cross Sections A2100 RWS Intake Structure - Plepare Cross Sections 25-Feb-08 A 10-Apr-08 A 10-Apr-08 A A2130 RWS Intake Structure - Incorporate Comments on Cross Sections 03-Apr-08 A 10-Apr-08 A I RWS Intake Structure - Incorporate Comments on Cross Section A2140 RWS Intake Structure - Cross Sections 14-Apr-08 A 14-Apr-08 A PRWS Intake Structure - Cross Section A2140 RWS Intake Structure - Cross Sections 14-Apr-08 A 14-Apr-08 A PRWS Intake Structure - Cross Section A2140 RWS Intake Structure - Cross Sections 14-Apr-08 A 14-Apr-08 A PRWS Intake Structure - Cross Section A1140 RWS Intake Structure - Cross Sections 14-Apr-08 A	A2060	who		<u>ا</u> ا			i.			4			.i	j			
A2080 RWS Intake Structure - Approve/tissue Plan View 27.Feb.08 A 27.Feb.08 A 1 RWS Intake Structure - Approve/tissue Plan View A2090 RWS Intake Structure - Plan View Complete 27.Feb.08 A + RWS Intake Structure - Plan View Complete A2090 RWS Intake Structure - Plan View Complete 27.Feb.08 A + RWS Intake Structure - Plan View Complete A2100 RWS Intake Structure - Plapare Cross Sections 25.Feb.08 A 18.Aar-08 A A2110 RWS Intake Structure - Revelw/Commention Cross Sections 25.Feb.08 A 18.Aar-08 A A2120 RWS Intake Structure - Incorporate Comments on Cross Sections 03.Apr.08 A 10.Apr.08 A A2130 RWS Intake Structure - Cross Sections 14.Apr.08 A 14.Apr.08 A A2140 RWS Intake Structure - Cross Sections 14.Apr.08 A 14.Apr.08 A A2140 RWS Intake Structure - Cross Sections 14.Apr.08 A 14.Apr.08 A A2140 RWS Intake Structure - Cross Sections 14.Apr.08 A 14.Apr.08 A MS Intake Structure - Cross Sections 14.Apr.08 A e e MVS Intake Structure - Cross Sections 14.Apr.08 A e e MVS Intake Structure - Cross Sections<	A2070						,	1	•		į	1	1	1			
A2090 RWS Intake Structure - Plan View Complete 27-Feb-06 A • RWS Intake Structure - Plan View Complete A2100 RWS Intake Structure - Plapare Cross Sections 25-Feb-06 A 14-Apr/06 A A2110 RWS Intake Structure - Plapare Cross Sections 25-Feb-06 A 18-Mar-06 A A2110 RWS Intake Structure - Revelw/Comment on Cross Sections 19-Mar-06 A 02-Apr-06 A A2120 RWS Intake Structure - Incorporate Comments on Cross Sections 03-Apr-06 A 10-Apr-05 A A2130 RWS Intake Structure - Approve/Issue Cross Sections 14-Apr-08 A 14-Apr-08 A A2140 RWS Intake Structure - Cross Sections 14-Apr-08 A 14-Apr-08 A A2140 RWS Intake Structure - Cross Sections 14-Apr-08 A 14-Apr-08 A A2140 RWS Intake Structure - Cross Sections 14-Apr-08 A eRWS Intake Structure - Cross Section A2140 RWS Intake Structure - Cross Sections 14-Apr-08 A eRWS Intake Structure - Cross Section	A2080						,	,	r		-		1	1	1		
A2100 RWS Intake Structure - Prepare Cross Sections 25-Feb.08 A 12-Anr.00 A 18-Mar-08 A A2100 RWS Intake Structure - Prepare Cross Sections 25-Feb.08 A 18-Mar-08 A A2110 RWS Intake Structure - Revelw/Comment on Cross Sections 18-Mar-08 A 02-Apr-08 A 02-Apr-0	A2090		· · · · · · · · · · · · · · · · · · ·					2		1	1		1				
A2100 RWS Intake Structure - Prepare Cross Sections 25-Feb.06 A 16-Mar-08 A 16-Mar-08 A A2110 RWS Intake Structure - Revelw/Comment on Cross Sections 18-Mar-08 A 02-Apr-08 A 18-Mar-08 A A2120 RWS Intake Structure - Incorporate Comments on Cross Sections 03-Apr-08 A 10-Apr-08 A 10-Apr-08 A A2140 RWS Intake Structure - Cross Sections Complete 14-Apr-08 A 14-Apr-08 A 14-Apr-08 A A2140 RWS Intake Structure - Cross Sections Complete 14-Apr-08 A 14-Apr-08 A	ross Sections !!		l		1		 (1							
A2110 RV/S Intake Structure - Revelw/Comment on Cross Sections 12-Apr-08 A 2-Apr-08 A Image: RWS Intake Structure - Revelw/Comments on Cross Section A2130 RW/S Intake Structure - Aprove/Issue Cross Sections 03-Apr-08 A 10-Apr-08 A Image: RWS Intake Structure - Incorporate Comments on Cross Section A2140 RW/S Intake Structure - Cross Sections Complets 14-Apr-08 A 14-Apr-08 A I RWS Intake Structure - Cross Sections A11-PD/DB 11-F00/09 A 10-Apr-08 A I RWS Intake Structure - Cross Section	A2100				<u>.</u> j	- BOI	; S litaka dari -		A					¦			<u>;</u>
A2120 RWS Intake Structure - Incorporate Comments on Cross Sections 03-Apr-06 A 10-Apr-06 A 10-Apr-06 A Image: RWS Intake Structure - Incorporate Comments on Cross Section A2130 RWS Intake Structure - Approver/issue Cross Sections 14-Apr-06 A 14-Apr-06 A I RWS Intake Structure - Approver/issue Cross Section A2140 RWS Intake Structure - Cross Sections Complete 14-Apr-06 A 14-Apr-06 A I RWS Intake Structure - Cross Section A11-Dim 11-FCI:005 A 16-Apr-06 A PRWS Intake Structure - Cross Sections Complete	A2110		l								Faster	1		;			
A2130 RWS Intake Structure - Approve/Issue Cross Sections 14-Apr-08 A 14-Apr-08 A 14-Apr-08 A 14-Apr-08 A 14-Apr-08 A I RWS Intake Structure - Cross Section A2140 RWS Intake Structure - Cross Sections Complete 14-Apr-08 A • RWS Intake Structure - Cross Sections Complete 14-Apr	A2120	A second s	h					9			,			1			
A2140 RWS Intelle Structure - Crose Sections Complete 14-Apr-08 A • RWS niske Structure - Crose Sections Complete	A2130			the second se			• •	4 1		,	1	aon !	1	1			
012/a	A2140	RWS Inteke Structure - Cross Sections Complete	man a second		1		,			1	1		1				i
	lot Plan										•••••••						
11 Feb 08 A 20 Feb 08 A 20 Feb 08 A	ol Print of Excan	allon a water a state of the st			;					1	1		1	1			
A2150 NJ Plot Plan - Prepare Foot Print of Excevation 11-Feb-08 A 19-Feb-08 A 🖬 NJ Plot Plan - Prepare Foot Print of Excevatio	1.4		· · · · · · · · · · · · · · · · · · ·			lot Plan - Pr	nare Engl Or	of Examine		1	1		1	1			
		- Contract of the second	[, ,			į	1		;				
A2160 NI Plot Plan - Revelw/Comment on Foot Print of Excavation 20-Feb-08 A 21-Feb-08 A IN Plot Plan - Revelw/Comments on Foot Print of Excavativ A2170 NI Plot Plan - Incorporate Comments on Foot Print of Excavation 22-Feb-08 A 23-Fab-08 A IN Plot Plan - Incorporate Comments on Foot Print of Excavativ			20-P 80-08 A	21-160-08 A						1	1	1	1	1			

.

	Table Hans		\$	A & LWA Support & 2018COD	Support								c	07-May-08
		96#	Final	and the second second second		al and see	2008	222 - J. S. S.			<u></u>		T	2004
A2180	NI Plot Plan - Approve/Issue Fool Print of Excevation	26-Feb-08 A	28-Feb-08 A	Fib I NI Plot Pian - Approv		Print of Excerver				• Cv	Nov	Dee	Jan	
A2190	A CALE MARKET AND A MARKET AND A CALE AND A		26-Feb-08 A	• NI Plot Plan - Foot P	3					1		1		i.
Cross Sect	don's & Ootalls	74 Apt 08-8	16-May-06			ioon complet		į				1		-
A2200		and the second sec	29-Apt-08 A						1	1	1	1		ì
A2210		L			4	t Plan Prepere			÷	i	ł			1
A2220			08-May-08			l Plot Plen - Rev	т.			,			1	
A2230	Ni Piol Plan - Approvane Continents on Cross Sections & Details	09-May-05	15-May-08		1	Nf Plot Plan - 1		,		ia & Détei				
A2240	The second sec	16-May-08	16-May-08			NI Pipt Plan -				1			1	1
	pe & Discharge		16-May-08		-	NI Plot Plan -	Cross Section	ns & Details (Complet-			i i	i	
	and Obselfunge Delaillà	I	14-Apr-08 A					ļ		1	1		ł	
A2250			14-Aut-08 A					í	1	1	1			
1	The first is presented by the second s		11-Mar-08 A			- Preparé Align		τ .	r	•••••				
A2260	Blowdown Pipe & Discharge - Revelw/Comment on Asignment and Discher.				1	scharge - Revel		ī			1		1	i.
A2270			1 1	Here 8	owdown Pipi	& Discharge - I	ncorporate C	omments on	Alignmient an	d Discharge De	ta ;	į	į	
A2280	Blowdown Pipe & Discharge - Approve/Issue Alignment and Discharge De	14-Apr-08 A	14-Apr-08 A		Blowepwn P	pe & Discharge	- Approve/las	ue Alignmen	and pischar	e Detei	1	1	1	
A2290	Blowdown Pipe & Discharge - Alignment and Discharge Details Complete		14-Apr-08 A	•	Blowdpwn P	pe & Discharge	- Alignment e	nd Discharge	Details Com	ple			1	
Claculations 30		14-Ajx-08 A	30-Jun-08			•••••			••••			•	1	
Bargo Silp		14-Apr-08 A	18-Apr-08 A			1	1			i i	ì		1	
A2300	Barge Slip - Prapare Drainage Ditch Sizing and Erosion Protection of Slope	14-Apr-06 A	15-Apr-08 A		Barge SIp -	Prepare Drainer	e Dilch Sizin	g and Erosio	Protection o	(Sloj			1	
A2310	Barge Slip - Revelw/Comment on Drainage Ditch Sizing and Erosion Prote.	16-Apr-08 A	17-Apr-08 A	, ,	4	Revei///Comme	1	· •		· •	5lo !		į	i
A2320	Barge Silp - Incorporate Comments on Drainage Ditch Sizing and Erosion	17-Apr-08 A	18-Apr-08 A		,	Incorporate Co						ł	;	
A2330	Barge Silp - Approve/Issue Drainage Ditch Sizing and Erosion Protection o.,	18-Apr-08 A	18-Apr-08 A			Approve/Issue							4	
A2340	Barge Skp - Drainage Ditch Sizing and Erosion Protection of Slope Complet		18-Apr-08 A			Dreinige Ditch							1	
Prelim - Heavy	y Haul & Pipe Bridge Dogn Calculations - 2016 COD Support	09-ivlay-08	30-Jun-08								1	1	1	1
A2341	Heavy Haul & Pipeline Bridge - Prepare Dsgn Calculations - COD 2016	09-May-05	06-Jun-08		- I	Heav	y Haut & Plo	, ellae Aridae -	Prenize Dec	n Calculations -	000 201	1	i i	;
A2600	The second s	09-Jun-08	18-Jun-08				1	· · ·	· · · · ·	Dsgn;Calculati	+		1	
A2610	Heavy Haul & Pipeline Bridge - Incorporate Comments Dsgn Calculations -		26-Jun-08	·	•••••					1	1	ulations - COD 2		l
A2620	Heavy Haul & Pipeline Bridge - Approve/Issue Dsgn Calculations - COD 2.		30-Jun-08			1				prove/issue Da				
A2630	Heavy Haul & Pipeline Bridge - Dsgn Celculations - COD 2018 Complete		30-Jun-08		1		,	,	• • ·	ign Cálculationa	· .		1	
Specifications 3			30-Jun-08		1			neus pi cripens	10 Billige - 01	ign caiculasona !	1- CPO 2016 (ompie	i i	
Darge Slip Erro	ction Specifications = 2018 COD Support	09-May-08	30-Jun-08				ł		i	Ì		-	;	
A2850		09-May-08	06-Jun-08				-	- bit ac tar		5000 20			<u>;</u>	
A2660		09-Jun-08	18-Jun-08		1		i i				· · · ·		;	
A2670	Barge Slip Erection Specifications - Incorporate Comments Spec - COD Z.									lew Spec - CO	•		1	
A2680		water and a second second	26-Jun-08		1			1		Incorporate Col				
A2690	Barge Slip Election Specifications - Approvensus Spec - COD 2018 Barge Slip Election Specifications - Spec - COD 2018 Complete	27-Jun-08	30-Jun-08		:	1	i i		· · ·	- Approve/Issu		201	;	
		0.000	30-Jun-08	<u>-</u>			e carge S	inp prection \$	specincalions	- Spec - COD 2	2015 Complet			
A2710		09-Way-08	30-Jun-08		1		-						1	
A2710	n en en la companya de la companya d	09-May-08	80-Jun-08			1		1 .		are Spec - COI		1	-	;
A2720	and the second	80-nul-90	18-Jun-08		1					Review Spec -		1	1	4
A2740	and the second	19-Jun-08	25-Jun-05		1		1 1	•	- i i i i i i i i i i i i i i i i i i i	ns - lacorporate	, .		i	i.
M2/4U	Barge Slip Procurement Specifications - Approve/Issue Spec - COD 2016	27-Jun-08	30-Jun-08				C Barge S	Ip Procurem	ent Specificat	ions -{Approve/	lasuje Spec - C	00 201	1	1
				Progress E	nergy		Date		R	evision		Checked		Approved
				• • •		07-May					····	-+	<u> </u>	

.

WA & 2016 COD Sup	pport Schedule		5	CA & LW	A Support & 20	16COD Suppo	h								07	-May-08
· · · · · · · · · · · · · · · · · · ·		eun.	Fighth			Activity	2000 - 2000 1000 - 2000 -		1500 (APA)	<u></u>	يدريد وريد	1.2.1. J	1.00			2004
A2750	Barge Slip Procurement Specifications - Spec - COD 2016 Complete	- <u> </u>	30-Jun-06	1.1		A Section Section	1016 (S MA 1060) 1	1100 ## 41		p Procurement	Sbecifications	Spec - COD	2016 Comple	Det	Jak	- 1
LWA - Civil Struc	ctural Facilities	11-Feb-08 A	23-/00-08								1			}		1
Drowings 30%	a a an ann an taraiste ann ann ann ann an tharraistean an thannaiste an thatairte ann an bhailte a' an 1977 a s Tha	11-Feb-08 A	01-May-08 A	[1		1	1	1	÷		1	1	1	1
W Dewatering Pla	lan.	11-Feb-08 A	13-Mer-08 A		ļ	1		1	1	1	1					į.
A2350	Prepare Ni Dewatering Plan Dwgs	11-Feb-08 A	29-Feb-08 A	1	Prepare NI	Dewatering PI	an Dwgi					1				;
A2360	Review NI Dewatering Plan Dwgs	03-Mar-08 A	07-Mar-08 A		Review	NCOewatering	Plan Dwg-	÷								÷
A2370	Incorporate Comments Ni Dewatering Plan Dwgs	10-Mar-08 A	11-Mar-08 A		Incorp	drale Commer	is NI Dewate	, nộng Plan Dw	9.	ł	1			1		
A2380	Approve/Issue NI Dewatering Plan Dwgs	12-Mar-08 A	13-Mar-08 A		Appro	overlasue NI D	watering Pla	n Dwg			1	1	Ť			
A2390	i NI Dewatering Plan Dwga - Complete	1	13-Mar-08 A			watering Plan	Dwgs - Com	plete		;	i		4 11			
NI Structural Qua	alification of Retaining Wall	03-Mar-08 A	04-Apr-08 A		ļ	* * *	3		1	1	1		-	1		
A2450	Prepare NI Structural Qualification of Retaining Wall	03-Mar-06 A	24-Mar-08 A		•	Prepare NI Str	ំណ៍សី ធិប៍តិអ៊ី	allon i fRet	aning Wa				į			· · · · ·
A2460	Review NI Structural Qualification of Retaining Wall	25-Mar-08 A	31-Mer-08 A		; 🔳	Review NE	ructural Qu	, Alification of F	Relaining Wa	i	i i		-			-
A2470	Incorprole Comments NI Structural Qualification of Retaining Well	01-Apr-08 A	02-Apr-08 A		;	incorprote	comments N	, I¦Structural Q	uplification of	f Retaining We	1			1		
A2480	Approve/Issue NI Structural Qualification of Retaining Wall	03-Apr-08 A	04-Apr-08 A		i i	# Approve/	sue NI Struc	tural Qualifica	ation of Reta	ning Ws	ļ		t r			-
A2490	Approve/lasue NI Structural Qualification of Retaining Wal	a de secola de la calación de la calación de la composición de la composición de la composición de la composici	04-Apr-08 A		1	Approve/I	sue NI Struc	tural Qualific	ation of Reta	ining We	{		*			1
NI Retaining Wall	I for Dewatering	25-Mar-08 A	01-5/ey-08 A	+			}	+		••••••••	÷					
A2400	Prepare NI Retaining Wall for Dewatering Dwgs		14-Apr-08 A	1		i Prepa	i le NI Retaini	; ng Wall for D	; ewatering Dy	/g		;				
A2410	Review NI Retaining Wall for Dewatering Dwgs		21-Apr-08 A	1	1	IN Re	lew Ni Reta	ieing Wall for	Dewelering	Dwg	2	-	1			ł
A2420	Incorporate Comments NI Retaining Welt for Dewatering Dwgs	22-Apr-08 A	28-Apr-08 A	ĺ	1	-	ncorperate	fornments N	, Retaining V	el(for Dewaler	ng Dwg	:				
A2430	Approve/Issue NI Retaining Well for Dewstaring Dwgs	29-Apr-08 A	01-May-08 A		}		Approve/fai	ve Ni Retein	i ing Wall for I	j Dewatering Dwg	d i	1	i i			
A2440	NI Retaining Wall for Dewatering Dwgs - Complete		01-May-08 A				N Retainto	Will for Di	wetering Dw	s - Complet		••••••••				·÷···
Specifications 30%	na na processione de la company de La company de la company de	14-Apr-08 A	23-Jun-08						1	1	1	1				
NI Concrete Erect	tion Specification	14-Api-08 A	23-May-08	í –	1				1	-	1	:				
A2500	Prepare Ni Concrete Erection Spec	14-Apr-08 A	12-May-06	Ì	1		Prepe	re NI Concrel	le Erection S	Pei	į		•			-
A2510	Review NI Concrete Erection Spec	13-May-08	19-May-08				C Re	view NI Conc	riște Erecilor	sþe	1					1
A2520	Incorporate Comments NI Concrate Erection Spec	20-May-08	21-May-08				ō-lā	o 5 eferio driv	ทั่งกลักได้ NI (oncrete Erecto	n Spe					
A2530	Approve/issue NI Concrete Erection Spec	22-May-08	23-May-08		1	1	0 4	prove/lesue	NI Concrete	Erection Spe						÷
A2540	NI Concrete Erection Spec - Complete	-)	23-May-08			1	♦ N	Concrete E	réction Spec	- Çompleti						ł
NI Earthwork Erec	clion Specification	20-May-05	23-Jun-08	ĺ	5	-							-			1
A2550	Prepare NI Earthwork Spec	20-May-08	10-Jun-08			1	(Prepa	re NI Earthw	onk Spec			; · · ·			1
A2560	Review N/ Earthwork Spec	11-Jun-08	17-Jun-08		· · · · · · · · · · · · · · · · · · ·	;		i Re	viaw Al Earl	ι₩∮rk Spêi ີ ີ			\$			
A2570	Incorporate Comments NI Earthwork Spec	18-Jun-08	19-Jun-08					0 In	corporate-Co	mments NI Ear	thwork Spe					1
A2580	Approve/lasue NI Earlhwork Spec	20-Jun-08	23-Jun-08		;				Approve/lasu	e NI Earthwork	Špe-					, ,
A2590	NI Earthwork Spec - Complete		23-Jun-08					•	N ² Earthwork	Spec - Comple	d		1			
Seatech - SCA		07-Mar-08 A	30-Jun-08		1			-	-	1	-		•			-
Parameters & Desc	·	07-Mar-D8 A	30-Jun-68				1		1							
GEO100	Issue ESSOWs, Evaluata Subcontractors & Award Subcontracta	07-Mar-08 A	15-May-08		:		and a second	ESSOWs. 8	zyaluate Sub	contractors & A	ward Subcontr	act	1			
GEO170	Survey & Stake Initial Boring & Testing Locations	08-May-08*	14-May-08		1				• •	Testing Locatio	q					-
GEO160	Mobilize Drilling Contractor	19-May-08			1		i Mo	bilize Dritting	Çontracto	;	;					2
GEQ190	Perform Drilling	20-May-08	i 30-Jun-08			<u> </u>		200 Co. 10	🖞 Perform C	dijing						
>				- 1-	Pr	rogress Energy	· · · · · · · · · · · · · · · · · · ·	-]Da	ite /		Revisio		·····	Checked	A	pproved
•						Levy Site		07-May-0						0.100.00		

WA & 2016 COD Suppo			s	CALLUVA	Support & 20	16COD Suppo	rl 🛛								07-1	Asy-08 07:3
	Addity Manager and the second se	durt .	Final Control	and the second	lander bir he	(a. 6. a.)	N. S. March	Print Buch Cal	2000	The realised	and Atlantic	ale suo	at the		100	7
GEO200	Perform Lab Testing Soil Samples - Phase 1				i ga die a	**	¥47	Jun .			/ No	्राष्ट्र	, Her	Det	Jan	•
	1 Proom Lao Lesing Son Samples - Phase 1	17-Jun-08	30-Jun-08						, Penorm L	ad lesting S	oil Samples - I	Philse				
GEQ110		07-Mar-08 A							<u>.</u>							
	Weakly Status Updates and Coordinate Shaw Engineering Products for th.	1	30-Jun-08			}			J VVeekly S	tatus Updater	and Coordin	ate Shaw Eng	Incering Produc	té for lhe Perm	N Applicatio	
Geotech - LWA		11-Feb-08 A	1 S			1								{		;
pr. a.	epotr/investigationa/ Lab Tests for BOP	24-jun-08	30-Jun-08										1	{		
GE0120	Outline for Geotech Report/Investigations/Lab Tests for BOP	24-Jun-08	80-nuL-08			}			Outline fo	r Geolech Re	ponvinvestiga	llon #/Lab Test	la for BO		}	
11.00	ests - Hydrogeology Engineering Parametera/Grouting/Dewstering Systema	11-Feb-05 A	30-Jun-08			1			1					1	1	
GEO130	Prepare/Jacue ESSOW for Pump Testing	11-Feb-08 A	27-Feb-08 A			e ESSOW for	4 ° "1					ļ		1	ĺ	,
GEO210	Evaluate Subcontractors & Award Subcontract	28-Feb-06 A	11-Mer-08 A		Evalua	de Subcontrac	brs & Award S	ubcontrat	1					-	}	
GEO220	Obtain Permits for Well Installation & GW Discharge	12-Mar-08 A	20-Mar-08 A		••• ••••	ain Permits f	r Well Installat	tion & GW D	lècharge		1	1		1		,
GEO230	Mobilize Contractor to Site	24-Mar-08 A	27-Mar-08 A		•	Mobilize Con	ector to Sile		·····			•••		·		• •
GEO250	Parform Pump Test	24-Mar-08 A	18-Apr-08 A		-	Per	rm Pump Tea	li I	ł			1		1	1	1
GEO240	Install Pump Test Well & Piezometers	28-Mar-08 A	18-Apr-08 A		•	inst	Pump Test	Nell & Plezo	meter:					-	-	
GE0260	Demobilize Contractor	21-Apr-08 A	22-Apr-08 A			10	mobilize Conj	racio	}	1	1	1	1	1	1	,
GEO270	Analyze Test Dala & Prepare Draft Report	21-Apr-08 A	09-Jun-08				ن ــــــــــــــــــــــــــــــــــــ	📖 Analyz	e Test Data	& Prepare Dr	aft Repor	į			1	7
GEO280	Review Draft Pumping Tast Report	10-Jun-08	18-Jun-08					· · · · · · · · · · · · · · · · · · ·	v view Draft P	umping Test	Repor		•	+	••••••	<u></u>
GE0290	Revise & Issue Pump Testing Report	19-Jun-08	30-Jun-08	-		, ,			i i		esting Repor	÷			i	
Comments from Revie	w of LWA Request & COLA FSAR Ch. 2& ER Sections 2 & 4	11-Feb-08 A	The same second section						1			ļ			1	•
GEO140	Phase 1 Geolech/Environ Project Support	11-Feb-DB A	30-Jun-08	· · · · · · · · · · · · · · · · · · ·		1	L		Phase 1 C	- Seòtech/Envir	, on Project Su	n no d	1	1	;	;
GE0320	Progress/JVT Provide Dreft ER Sections 2 & 4	11-Feb-08 A				Progress/J	T Provide Dre	ft ER Sectio	1	1		1		;	1	+ •
GEO300	Progress/JVT Provide Oraft FSAR 2.4.12 & 2.5 & LWA Drefts	11-Fab-08 A							1	Diat FSAR	2.4.12 6 2.5 %	WA DAN T		+		
GE0330	Review Oraft ER Sections 2 & 4		02-May-08 A			!	Review Drei		1		;					1 1
GEO310	Review Draft FSAR Chapter 2 Sections	28-Mar-08 A				· · · ·	Review		:	-		1		{	1	
is a settle state of the set of t	& Environmental Impact Mitigation & Monitoring Commitments	28-Apr-08 A	· · · · · · · · · · · · · · · · · · ·		-	1					į	i		Ì		
GE0340	provide and a strange provide a state of the second state of the s	-						•						1	1	
GEO150	Summariza Comments & Eng/Conatr Commitments (ER)		16-Jun-08			; ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	بر میڈین پر زیری اور اور ماہ میں ماہ م				Constr Com					
k	Summarize Comments & Eng/Constr Commitments (FSAR)	13-May-08*	16-Jun-08									nitments (FSA		1		
GE0350	Issue Comments & Commitments Summary (FSAR)		30-Jun-08				;		7	,	1	mmary (FSAR	1	1	1	
GEO360	Issue Comments & Commitments Summary (ER)		30-Jun-08				1		⊈issue Cor ⊤	whents & Cou	mmțitments Su	mmary (ER				
Geotech - 2016 COD	ere en an en fundamentant i statut and de mandel and de man ere en en ere de la seconda de la seconda de la sec	01-Apr-08 A	30-Jun-08				1		-	;	1	1	1	; .	1	;
GE0201	2018 COD Gealach Support	01-Apr-08 A	30-Jun-08				(2016 COD) Ģeotech Su	ppèr (i i		1		
SCA Construction S	and the second	11 Feb-08 A	30-Juh-06						!		1		1		!	
CON100	Construction Schedule	11-Feb-08 A	30-Jun-08	÷		;	<u> </u>		Construct	ion Schedule	į			Ì		
CON110	Management Processes, Procedures, Labor & Subcontracts	11-Feb-08 A	30-Jun-08			,			Managem	ent Processe	s, Procedures	, Labor & Sub	contract	* •		
CON120	Construction Building & Facilities	11-Feb-08 A	30-Jun-08	·					Construct	lon Building &	Fecilitier	ł				
CON130	Module Management, Assembly Pads & Laydown Areas	11-Feb-08 A	30-Jun-08						Module M	ariagement, A	seembly Pad	s & Laydown /	Aren			
CON140	Undergraund Systems & Utilities	11-Feb-08 A	30-Jun-08			(Undergrou	und Systems	& Utifilia					
CON150	Support Design Engineering	11-Feb-08 A	30-Jun-08				<u> </u>		Support D	esign Engine	eriòc				ļ	
CON160	Roads Heavy Haul Roads, Parking Lots, Railroads & General Laydown Ara	11-Feb-08 A	30-Jun-08						Roads He	evy Heul Ros	ds Parking L	ota Reilroads	& General Layd	wn Are		
CON115	Excevation Backfill, Disphragm Well Lampson Pad	11-Feb-08 A		; ;		; 	1		Excavatio	n Backfill, Dia	phragm Wall I	Lampson Pa	i			
LWA Construction S	· · · · · · · · · · · · · · · · · · ·	11-Feb-08 A		1								1	1			
	and a second second cards and the second		مستعملك مشكل	. i		Ĺ	L			_i				i		
19					Pr	ogress Energy		Dat	le T		Revi	sión		Checked	Ар	proved

1

	& 2015 COD Suppor	Schedule		5	CA & LWA Support	2018COD Suppo	ort		T				D7-A	lay-08 07:34
		Address Viscour		Final	A Part Participant Starting	$\frac{1}{2}$ $\frac{1}$	an the c		Service		<u></u>		200	
	CON17D	Excavation Beckfill, Diephragm Well Lampson Ped	11-Feb-08 A	30- Jun-08	7 ₁ 8 Ma				xcavation	Backfill, Diaphtagm Wall Lampson I		Dei	-	Feb
	16 COD Construe			30-Jun-08	· ;	1						1	; i	:
		R. Procedures, Permits, Labor, Subcontracts Administration	01-Apr-08 A	and the second								}		: I
. '	CON180	2016 COD - Establish Time Keeping Processes	01-Apr-08 A				<u> </u>		016 COD -	Establish Time Keeping Processes	1	1	÷ :	i
	CON190	2016 COD - Development of Non-Menual Staffing Pien	Q1-Apr-08 A	4	i.					Development of Non-Menual Staff	o Pis	1	i i	;
• ••	CON200	2016 COD - Development of Craft Steffing Plan	01-Apr-08 A					i- <u>,</u>	016 000-	Development of Craft Staffing Plan				
• • • •	CON210	2016 COD - Establish Safety Conscious Work Environment Program	01-Apr-08 A							Establish Safety Conscious Work i		u.	1	i l
e.	CON220	2016 COD - Establish Labor Relations Program for Sile	01-Apr-08 A			1		2	018 COD -	Establish Labor Relations Program	for Sil	i	;	:
	CON230	2016 COD - Establish Job Site Work Rules & Disciplines Policy	01-Apr-08 A		-					-Establish Job Site Work Rules & D	,	1		: I
	CON240		01-Apr-08 A		-		1			Site Document Control & Records		, & Procedure	1	i I
	CON240 CON250		01-Apr-08 A		·····		·]i			Continue Development of Prelim. I		-j	{	÷•••••
			01-Apr-08 A										-	
	CON260	2016 COD - Identification & Classification of Price Reduction Opportunities		1				2016 COD -14	ntification	& Classification of Price Reduction	; Deportunitie		1	
	CON200		01-Apr-06 A							Provide Test Data to Dagn. Engine		Rea'		: [
	CON250		01-Apr-08 A				1 .			Provide Constructability Reviews &		•	, Water Drainaor	& Dewater
		the second state of the se	01-Apr-08 A							· · · · · · · · · · · · · · · · · · ·			÷••••••	
'	Construction Bidgs, 8 CON290		01-Apr-08 A	I					016 COD -	-Provide Final Location, Size & Str.	cture Tva	:	{	;
	CON300		01-Apr-08 A			<u></u>	1			Provide Construction Methodolog		1		: I
											,			
					[Progra#s Energ	7Y	Date 07-Mey-08		Revision		Checker	Ар	proved

,

	A Review	1				COLA Review Schedule	10-Apr-08 14
D		Activity Name	Physics & Ren Complete	initian Start	Finish . System	240180, 2008 2621 - Constant State (2012) 2621 - Constant State (2012)	
ev	y COLA Rev			15 07-Jan-08 A			23-A
Ť	ask 11- Admi	nistration		15 07-Jan-08 A	23-Apr-03		23-AI
- ·	AT11001	Begin Task 11	100%	0 07-Jan-08 A	inden internetie eine bie in der	◆ Begin Task 11	
	RAT11050	COLA Package to SS&W	84%	12 07-Jan-08 A	23-Apr-08		
	AT11060	Management & Administration	84%:	12, 07-Jan-08 A	11 Apr 01		
					1		
- 2	آويان ورويد والشرائي	Istics - Chapter 2		15 09-Jan-08 A	يقتد والمستحد المستحد ال		23-A
r	Site Characteris RAT11095	stics - Chapter 2.4 Chapter 2.4 of COLA sent to SS&W	100%1	9 31-Mar-08 A	15-Apr-08 31-Mar-08 A		Chapter 2.4 of COLA sent to SS&W
ļ		, .	i				
	AT11134	Internal Discipline Review of Chapter 2.4 of COLA	20%	4 03-Apr-08 A	10-Apr-08	-	
ſ	AT11145	Internal Independent Review of Chapter 2.4 of COLA	0%	5 04-Apr-08 A	11-Apr-08		
	AT11055	Prepare Chapter 2,4 comments for transmittal to client	0%	1 14-Apr-08	14-Apr-08		1
	DAT11045	Transmil Chapter 2.4 comments to clien!	0%	1 15-Apr-08	15-Apr-08		D
ľ	AT11105	Chapter 2.4 of COLA - Complete	0%	01	15-Apr-08		♦ Chapter 2.4 of Ct
L	Site Characteris	itics - Chapter 2.5	·····	15 09-Jan-08 A	1	v	23-AI
		istics - Chapter 2.5.1 Chapter 2.5.1 of COLA sent to SS&W	100%	0 09-Jan-08 A	30-Jon-08 A 09-Jan-08 A	◆ Chapter 2.5.1 of COLA sent to SS&W	
ľ							
	AT11144	internal Discipline Review of Chapter 2.5.1 of COLA	100%	0 09-Jan-08 A	21-Jan-08 A		
	AT11185	Internal Independent Review of Chapter 2.5.1 of COLA	100%	0 10-Jen-08 A	25-Jan-08 A		
	AT11205	Prepare Chapter 2,5,1 comments for transmittai to client	100%	0 29-Jan-08 A	29-Jan-08 A	1	
	DAT11055	Transmil Chapter 2.5.1 comments to client	100%	0 30-Jen-08 A	30-Jan-08 A	ı	
	AT11115	Chapter 2.5.1 of COLA - Complete	100%	0	30-Jan-08 A	 Chapter 2.5.1 of COLA - Complete 	
	Site Character	istics - Chapter 2.5.2		14 07-Apr-08	22-Apr-08		22-Apr
	RAT11115	Chapter 2.5.2 of COLA sent to SS&W	0%	O	07-Apr-08		Chapter 2.5.2 of COLA sent to
	AT11154	Internal Discipline Review of Chapter 2.5.2 of COLA	0%	5 10-Apr-08	17-Apr-08		·
	AT11245	Internal Independent Review of Chapter 2.5.2 of COLA	0%	5 11-Apr-08	18-Apr-08		
	AT11265	Prepare Chapter 2.5.2 comments for transmittal to client	0%	1 18-Apr-08	21-Apr-08		
	DAT11065	Transmit Ghapter 2.5.2 comments to client	0%	1 21-Apr-08	22-Apr-08		
	AT11126	Chapter 2.5.2 of COLA - Complete	0%	0	22-Apr-08		◆ Chaple
	Remaining Level	of Effort Actual Work	Critical Re	maining Work	<u>.</u>	Page 1 of 4 TASK filter: All Activities	<u>,</u>
	Actual Level of Ef		 Milestons 	strending Anory		· ·	(c) Primavera Systems.

,

CONFIDENTIAL

,

AReview				L		COLA Review Schedute	10-Apr-08 14:45
ata - Ai	Activity Name to according to a construction of the second s	Physical %	Remaining ADuration	Start	Finish	stand and a second s S Mar (S S S S S S S S S S S S S S S S S S S	April 2008
A Market V Sector a	racteristics - Chapter 2.5.3	The Part of the	6	35 Mar 08 A	11-Anr-08		24. 1 Apr-08, Sile Characiana
	1125 Chapter 2.5.3 of COLA sent to SS&V	V 100%	0		31-Mar-08 A		 Chapter 2.5,3 of COLA sent to SS&W
ATTI	154 Internal Discipline Review of Chapter 2,5,3 of COLA	60%	2	02-Apr-08 A	08-Apr-08		
AT113		40%	3	02-Apr-08 A	09-Apr-08		
AT113	25 Prepare Chapter 2.5.3 comments for transmittal to client	0%	1	10-Apr-08	10-Apr-08		ū
DATI	1075 Transmit Chapter 2.5.3 comments to client	0%	1	11-Apr-08	11-Apr-08		I
AT111	36 Chapter 2.5.3 of COLA - Complete	0%	0		11-Apr-08		♦ Chapler 2.5,3 of COLA - Co
Site Cha	ractoristics - Chapter 2.5.4			80-1qA-80	23-Apr-06		¥
RAT1 AT111	1135 Chapter 2.5.4 of COLA sent to SS&V 74 Internal Discipline Review of Chapter	1		11-Apr-08	08-Apr-08*		 Chapter 2.5.4 of COLA seni to S
AT113	2.5.4 of COLA Internal Independent Review of	0%1		14-Apr-08	21-Apr-08		
AT113	Chapter 2.5.4 of COLA 85 Prepara Chapter 2.5.4 comments for Iransmiltai lo client	0%	1	21-Apr-08	22-Apr-08		
DATI		0%		22-Apr-08	23-Apt-08		
ATI11	cfent				23-Apr-08		_
				07-Jan-08 A			Chapter 1
er state and	ental Report (ER)	i in an	di manina mere	07-Jan-08 A	1.585 8.3082	v 17-Jen-08 A, Environmentel Report - Chapter 1	
RAT1169		100%	0		07-Jen-08 A	◆ ER Chapter 1 of COLA sent to SSAW	
AT11725	Internal Disciptine Review of ER Chapter 1	100%	0	A 80-neL-80	15-Jan-08 A		
AT11745	Internal Independent Raview of ER Chapter 1	100%	0	10-Jan-08 A	14-Jan-08 A	—	
AT11755	Prepare ER Chapter 1 comments for transmittal to client	100%	0	17-Jan-08 A	17-Jan-08 A	I	
DAT1173	5 Transmit ER Chapter 1 comments to Progress Energy	100%	0	17-Jan-08 A	17-Jan-08 A	1	
AT11765	ER Chapter 1 of COLA - Complete	100%	0		17-Jan-08 A	ER Chapter 1 of COLA - Complete	
e i	ntal Report - Chapter 2	· · · · · · · · · · · · · · · · · · ·	2	27-Mar-08 A	· · · ·		Dð-Apr-05, Environmental Repo
RAT1170	5 ER Chapter 2 of COLA sent to SS&W	100%	0		27-Mar-08 A		♦ ER Chapter 2 of COLA sent to SS&W
AT11775	Internal Discipline Review of ER Chapter 2	100%	٥	28-Mar-08 A	03-Apr-08 A		
AT11785	Internal Independent Review of ER Chapter 2	100%		·	02-Apr-08 A		
AT11795	Prepara ER Chapter 2 comments for transmittal to client	0%	1	07-Apr-08	07-Apr-08		9
Remaining I	Level of Effort (Contraction) Actual Work	Critics	al Remaining	Work	<u></u>	Page 2 of 4 TASK filter: All Activities	
Actual Leve	of Effort Remaining Work 4	+ Milest	one				(c) Primavera Systems, Inc.

- .

A Review							CDLA Review Schedule	10-Api+08 14:45
	Activity		Physical % Complete	(emining	Stert	Finish Sector	I Service Habitary 2008 - The Constant of the Service Service Fabricary 2008 - Lands	
DATI	And the second second		Proto Conference of Party	11. A. 1. 2. 2. 2. 1.	1. H. A. S. A. S. A.		13151 2.07 5 - 1444 (0) 20 34 - 2426 5 - 4004 34 - 3548 - 3425 5 1	10 ³ 10 ⁷ 17 21 24 31 8 07 1 4 14 27 26 26
DATE		It Final ER Chapter 2 Na to Progress Energy	0%	1	08-Apr-08	05-Apr-08		
	į							
AT118	ER Chi	apler 2 of COLA - Complete	0%	0		08-Apt-08		ER Chapter 2 of COLA - Comp
-			i		20 1- 00 1	11-Feb-08 A		
RAT11	mental Report -	unapter 3 pter 3 of COLA sent to SS&W	100%	0	JU-Jan-US A	30-Jan-08 A	▼ 11-Feb-08 A, Environmental Re ● ER Chapter 3 of COLA sent to SS&W	eport - Chapter 3
PATT	ing Econa	pret 3 th COLA Service 30444	1007	v		0001811-00 M	• CR Chapter 3 bi CULA serie to SSAV	
AT118		Discipline Review of ER	100%	0	31-Jan-08 A	05-Feb-08 A		
AT118	Chapter	3 Independent Review of ER						
Altita	Chapter		100%	Ŷ	01-1-80-08 A	04-Feb-08 A		
AT118		ER Chapter 3 comments for	100%	0	11-Feb-08 A	11-Feb-08 A	I I	
	transmit	tal to client						
DATI	1755 Transm	t Finel ER Chapter 3	100%		11-Feb-08 A	11-Feb-06 A		
	commer	its to Progress Energy					•	
AT118	145 ER Cha	pler 3 of COLA - Complete	100%	0		11-Feb-08 A	ER Chapter 3 of COLA - Comp	plete
Faultan	mental Report -	Chantar d	L		01-Apr-08 A	14-Apr-08		14-Apr-D8, Environme
RAT11		pler 4 of COLA sent to \$8&W	100%			01-Apr-08 A		◆ ER Chapter 4 of COLA sent to SS&W
			l		and a second different second set			
AT115	55 internal Chapter	Discipline Review of ER	20%	0	01-Apr-08 A	07-Apr-08		
AT118		Independent Review of ER	20%		01-Apr-08 A	10-Apr-08		
	Chapter	4		1		104101-00		
AT118	75 Prepare	ER Chapter 4 comments for al to client	0%	1	11-Apr-08	11-Apr-08	·	1
	C ar never of	al to citem	1					
DAT11		finel ER Chapter 4	0%	1	14-Apr-08	14-Apr-08		
	commer	its to Progress Energy						
AT118	ER Cha	pter 4 of COLA - Complete	0%			14-Apr-08		ER Chapter 4 of CQL
	i							
	Site Redress I				02-Apr-06 A	16-Apr-08		15-Apr-08, LWA &
RAT1138	5 LWA & 1 sent to 5	Sile Redress Plan of COLA	100%	0		02-Apr-08 A		LWA & Site Redress Plan of COLA sent !
AT11395		Discipline Review of LWA &	20%		03-Apr-08 A	11-405-08		
	Site Red	ress Plan						
AT11405	Internal Redress	ndependent of LWA & Site	20%	4	03-Apr-08 A	14-Apr-08		
AT11415	1	LWA & Site Redress Plan	0%		15-Apr-08	15-Apr-08		
A111475	commer	is for transmital to client		<u>'</u>]	19-mpi-00	10-10-10		
DAT1142	5 Transmi commen	LWA & Site Redress Plan is to Progress Energy	0%	1	5-Apr-08	16-Apr-08		0
	!					[
AT11435	LWA & S Complet	ite Redress Plan of COLA -	0%	0		16-Apr-08		♦ LWA & Site Redros
	وريدا ويوبد المتصبح ويريد	ومعر ومعودتهم بيبيده مشجعة الدالية والعا			08-Apt-08	23-Apt-08		23-Apr-0
RAT1114	Systems - C	Systems Chapter 9 of COLA	0%	0	anterio anterio de la	08-Apr-08*		Auxillary Systems Chapter 9 of (
	sent to S	SAW	074	1				Anther assisting Cospersion

•

.

ATT1155 Internal Discipline Review of Auxiliary System Chapter 9 O% 5 11-Apr-08 18-Apr-08 11-Apr-08 12-Apr-08							COLA Review Schedule		10-Apr-08 14:45
Instruct Colonge Andrew / Analory 94 91 14.44-04 1444-04 71116 Colonge Andrew / Analory 04 3 1440-05 2140-05 71117 Colonge Andrew / Analory 04 3 1440-05 2140-05 71117 Colonge Andrew / Analory 04 3 1440-05 2140-05 71117 Colonge Andrew / Analory 04 3 1440-05 2140-05 71117 Colonge Andrew / Analory /	ID.	Activity Name	isce .Physics/ % 장국 Complete	Remaining St	6)	Finles	an an annan 2008 an ann an 17 an 18 an Aonach	2008 and 2008 and 2008 and 2008 and	April 2008
Strate Indexe due to hear of a low of a large of a l	AT11155	Internal Discipline Review of Auxida					Sandary 1993年1月1月1日建立1991年3月1日年19月1日日本1995年1月1日日本1995年1月1日日本1995年1月1日日本1995年1月1日日本1995年1月1日日本1995年1月1日日本1995年1月1日	· · · · · · · · · · · · · · · · · · ·	242426-198931936-1970755514-014-011-247-247-28
Analista System Charter & Cha	AT11165	Internal Independent Review of	0%	5 14	-Apr-08	21-Apr-08			
Armonia de detali de de la la solution de la de la la solution de la solution de la de la la solution de la de la la solution de la de la la de la la solution de la de la la de la de la la de		Auxillary Systems Chapter 9			,				<u> </u>
Antilezes Tressent Autileze Sessing Chapter 6 04 12.40-60 23.40-60 4 23.40-60 4 4.40-60 4	AT11175	Prepare Auxillary Systems Chapter	9 0%	1 21	-Apr-08	22-Apt-08			o
111215 Implemente de de Collation 0 23.54pc88 4.400000000000000000000000000000000000		1							
LA Réview Comption v 224eros de		comments to client		1 22					
	AT11215	Auxillary Systems Chapter 9 of COI Complete	A- 0%	0		23-Apt-08			♦ Auxiĝary
					Apr-08	23-Apr-05			▼ 23-Apr+0
	AT11090	COLA Reviews - Complete	0%	0		23-Apr-08			+ COLA Re
									1
							· · · · · · · · · · · · · · · · · · ·		
									-
ternalning Level of Effort TASK filler: All Actual Work Critical Remaining Work Page 4 of 4									
Kernalning Lavel of Effort Entert Adual Work Enterthing Work Category Character Bandware Category Cate									
	Period						Page 4 of 4		
	amaining L				ork		Page 4 of 4		(c) Primavera Systems, Inc

,

rogress		Work	Authorization -	06 - SCA & LWA Suppo	ort			·						10-7	Apr-08 15:01
	Actual		inin a	t strategy and	<u></u>	A. 1997		2008				- ·			201
30-08 Progross	and the second		03-Sep-03	Pala Mai	i ser tarr	May	, Jan	ы	A04	849	Det	Nov.	0.	Apt	14
	t & Auministration		30-Jun-08	3	1	1					, ,			1	
PROJODI	SCA & LWA Project Management & Administration Support	S. Man and March Station of Station	30-Jyn-08			;						1		1	
Procurement & Log			30-Jun-08		1	; ;			NA Project M	anagemeni a	5 Administra :	illon Suppo			
PROCIDI	SCA & LWA Procurement & Logislics Support- Produce LLM Procure	an earlier and an earlier and a second s	30-Jun-08	2	1						_	;		÷	1
Document Controls	else a state of the second	11-Feb-06 A				•			VA Procurem	ent & Logisi	es Support-	Produce LL	M Procurem	ani Sper	<u>.</u>
DOC 100	SCA & LWA Document Contrats Support	and the second	30-Jun-08	-	1								-		
Quality Assurance/	to the second		30-Jun-08		1			SCALLV	VA Documen	Controls Si	ppor		1		
QAQC100	SCA & LWA Quality Assurance/Quality Control Support	ويتهم والمركبة والمراجع والمتحم والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع	and a second second									1	1	1	1 [
Project Controls	A second second second second second second processing a second processing of the second s	11-Feb-08 A						SCALLV	VA Quality As	surance/Qui	ality Control	Suppor		į .	
PROJC10	SCA & LWA Project Conirols Support	11-Feb-08 A						1	i bernene						
Engineering Manag	particular and a second s		30-Jun-08	-		; ;		SCAGLY	VA Project Co	ntrois Supp	br	1	{		
ENG 100	SCA & LWA Engineering Management Support	11-Feb-08 A	<u>. 1. 14 1997 m Grav</u> 200					-				1	1	1	
Licensing Engineer		11-Feb-08 A	- L	·	1	1		- OCAALV	VA Engineeri	jg Managen) I	ent Suppor	i i			
LIC100	SCA & LWA Licensing Engineer Support	11-Feb-08 A	1	<u> </u>					; 				1	1	: I
SCA - Systems Eng		11-Feb-08 A	The second second second second		4				A Licensing	Engineer Su	ppo/				<u> </u>
PROJ100	Begin SCA & LWA Engineering Support	11-Feb-08 A	marine with antidepart in the	♦ Begin SCA & LW/		1		1	Ì			1	i		
PROJ200	SCA & LWA Support Complete	- 11	30-Jun-08	- Cegni GOA & LVW	2 200000000	d Sabboi						{	1		1
CWS	A second appropriate to the left of a second on the part of particle is because by the second s	27-Mar-08 A	- Second Second	4	1			♦ SCA & LV	WA Support C	omplete (-	1		
58D			30-Jan-08		1			1	i i			1	1		;]
CWSSSD100	CWS - Prep SSD		12 May-08	<u>.</u>			Prep 350								
CWSSSDE150	CWS - Provide Electrical Input Into SSD	27-Mar-08 A			!	· ·	•	lije Interioal Inpui							
CWSSSDI160	CWS - Provide I&C Input into SSD	27-Mar-08 A			;			C Input Into				1	i	1	: 1
CWSSSDC170	CWS - Provide Civil input into SSD	27-Mar-08 A			1			input into Ivit Input into	1			1	1		:
CWSSSD110	CWS - Internal Review SSD	were an experience of the second s	22-May-08		1	· · ·		l Review SS				1	1	1	
CWSS\$D120	CWS - Incorporate Comments SSD from Internal Raview	23-May-08						orporale Cor							
CW685D160	CWS - Client Review SSD		30-May-08 13-Jun-08					- Cilent Rev		nom interna	f Revie	•	1	ł	
CWSSSD150	CWS - Incorporate Comments SSD from Client Review	15-Jun-08			1			1	÷			<u>.</u>		ł	
CWSSSD130	CWS - Approve/Issue SSD	24-Jun-08	23-Jun-08		-			WS - Incorp			m Gieni Re	yle.		į.	
CW8SSD140	CWS - SSD - Complete	124-541908	80-Jun-08 80-Jun-08			i i		CWS - Api CWS - SS	(i	1			÷		
Cales		27-Mar-08 A	1		 										
Mochanical Cales		27-Mar-08 A	1			1		1		ł				4	;
CWSME150	CWS - Prep Mechanical Calos	27-Mar-08 A	the second of the				D						-		
CWSME160	CWS - Review Mechanical Calcs	ere i annan hannan an an an ar a an a	12-May-08		1			nnical Calcs Mechanical	, ,				1	1	
CWSME170	CWS - Incorporate Comments Mechanical Calcs		22-May-08			i i		onporale Com				t		1	
CWSME180	CWS - Approve/issue Mechanical Calos	e e ser e sur l'arre a company à l'anne l'arre pour la	29-May-05	·····				pprove/Issue	, ,				<u>.</u>		
CWSME190	CWS - Mechanical Caks - Complete		04-Jun-08			, ,		echanical C	• •				1	}	
Dwgs		12 454 60 2	•				• • • • • • •	decutatical Cl	nics - Compli	su ;					:
PalD's		03-Apr-08 A 03-Apr-08 A	i											\$ I	
A	CWS - Prep PAID's	and a second	and a second second second			CWS - Preb	BUD'-						1		
INE		03-Apr-08 A	30-Apr-05	L		Civia - Prep	- F'AIU'S					L		'	
			1	Progress Energy		Date			Re	vision			Chacked	Арр	roved
				Levy Site		10-Apr-08	Re	w.0							

Progra			Work	Authorization - O	6 - SCA & LWA Support		1							10-,4	Apr-08
		Activity Hores	Juni	Feinh	A second seco		216	3008	1. O	1.1.1.1.	and the second	1			2009
	CWSELE300	CWS - Provide Electrical Input to P&ID's		30-Apr-08	States and States and States		A BINOR B			- 158 m	<u> </u>	Hev	Owe	314	_
	CWSICE310	CWS - Provide Lactical input to PaiD's	with a community of	A					1		;	1	1	i.	
8				30-Apr-08			S - Provide I&				i i	1	1	1	1
	CWSME210	CWS - Internal Review P&ID's	01-Mey-08	14-May-OB			CWS - Inter	,	· · ·		i i	1			
1 M	CWSME220	CWS - Incorporate Comments P&ID's from Internal Review	15-May-08	- 29-Mey-05			CWS	Incorporate	Conjments P	AID's from I	nlerhal Review		1	1	1
	CWSME300	CWS - Cieni Review P&ID's	02-Jun-08	13-Jun-08				CW9 Client		,	i i		Ì	1	÷
201	CWSME310	CWS - Incorporate Comments P&ID's from Client Review	18-Jun-08	:24-Jun-08				⊐°¢Ws In	corporate Co	omments P&	D's, from Clien	Review		*	1
	CWSME230	CWS - Approve/Issue P&ID's	25-Jun-08	30-Jun-08		1	1	d cws.	Approverise	ue PalD'e	Ì		i	i	÷
	CWSME240	CW8 - P&ID's - Complete		30-Jun-08				🔶 CWS -	PáÍD's - Co	mpiete			1	1	1
6.21	Piping Plan, Sector	ns, & Profde Dwys and Zalita in the filles of a large state of the state of the state of the state of the state	06-Way-08	18-Juh-08										1.1	;
	CWSME250	CWS - Prep Piping Plan, Sectione, & Profile Dwgs	06-May-08	27-May-08	1 1 1		icws -	Preg Piping F	lan, Section	e, & Profile (2wg	1	1	1	÷
	CWSME260	CWS - Review Piping Plan, Sections, & Profile Dwgs	28-May-08	06-Jun-08	<u>-</u>		···÷ arav	S - Review P	Iping Plan, 6	Sections, & P	rofile Dwg		·····	÷	. i
	CWSME270	CWS - Incorporate Comments Piping Plan, Sections, & Profile Dwgs	09-Jun-08	12-Jun-08		į		WS - Incorpo	orate Commi	, ents, Piping F	lan, Sactions,	& Profile Owg		÷	÷
111	CWSME280	CWS - Approve/Issue Piping Plan, Sections, & Profile Owgs	13-Jun-08	18-Jun-08			1 0	CWS - App	rove/Assue Pl	ipind Plan, S	ections, & Prof	ile Dwa:			1
	CWSME290	CWS - Piping Plan, Sections, & Profile Dwgs - Complete		18-Jun-08					1	1	la Dwgs - Com	-	1		1
	Civil Underground		12-MeV-08	30-Jun-08						1		1	1	1	1
		CWS - Prep Underground Pipe Support Dwgs	12-May-08	06-Jun-08	• • • • • • • • • • • • • • • • • • •	····· !···		S - Prep Und	erafaund Pli	ອັດ ສົ່ນມີອຸກິດກໍ ປີ	wn/				· •
-	CWSCSE300	CWS - Review Underground Pipe Support Owgs	09-Jun-08	16-Jun-08				CW6 - Revie			•		, ,		
- 60 - 60	CWSCSE310	CWS - Incorporate Comments Underground Pipe Support Dwgs	17-Jun-08	24-Jun-08				1			terground Pipe	Support Due			1
		CWS - Approve/Issue Underground Pipe Support Dwgs	-ter tree of these to	a traction and a second					1		und Pipe Supp	1		•	ł
圌		CWS - Underground Pipe Support Dwgs - Complete	25-Jun-08	130-Jun-08					1		ont Dwgs - Con		1		1
ų.,		a Load Litis, & Three Lines Margins and a standard and a standard and a standard and a standard a standard and a standard and a standard a standar	1	30-Jun-08				•	Ungergroun	a Pipe Supp	on Dwgs - Con				
			01-May-08	184/01-08						1	_ !	1	i		1
ų	a destruction of the second second second	CWS - Prep Electrical One Lines, Load Lists, & Three Lines	01-May-08	22-May-08		,	÷	ep Electrical							i.
g	CWSEE350	CWS - Review Electrical One Unes, Lond Lists, & Three Lines	23-May-08	04-Jun-08		1		1	1		Liste, & Three i	- 1 ·			1
	CWSEE360	CWS - Incorporete Comments Electrical One Lines, Load Usts, & Three Unes	05-Jun-08	12-Jun-08		1	4	1	1	•	il One Lines, Lo		1		1
÷.	and M. Communications and an ending of	CWS - Approve/Issue Electrical One Lines, Load Liste, & Three Lines	13-Jun-08	18-Jun-08	l	i					Unje, Load Li				
1		CWS - Electrical One Lines, Load Liste, & Three Lines - Complete		16-Jun-08		-		CWS - Elec	trical One Ur	nes, Load Lis	its, & Three Lin	ies - Complet			1
· •	209		16-May-08	30-Jun-08		1	1	1	1	i i					1
	Erection Spoce		16-May-08	30-Jun-08		1			1	1		1	}	1	1
14.2	CWSCSE330	CWS - Prep Erection Spece	16-May-08	13-Jun-08		1		WS - Prep E				1			÷
	CWSCSE340	CWS - Review Erection Spece	18-Jun-08	20-Jun-08		ł		CWS-Rev			-	1	1		1
	CWSCSE350	CWS - Incorporate Commenta Erection Space	23-Jun-08	25-Jun-08	1			ับ CWS - เก					· · • • • - • • •		1
	CWSCSE360	CWS - Approve/Issue Erection Spece	25-Jun-08	30-Jun-06		i	i	⊏, cws-	Approve/las	us Érection i	Specs	i i			
	CWSCSE380	CWS - Erection Specs - Camplete		30-Jun-08				∳ ¢Ws -	Erection Spi	ecs - Compie	ele		1		1
DRS			11-Feb-05 A	30-Jun-08			1	1	1	1	:	1	:		1
83	D		11-Feb-08 A	22-May-08					-			-			1
	DRSSSD380	DRS - Prep SSD	11-Feb-08 A	17-Apr-08		DRB - Pri	ep SSO								;
1	DRSSSD390	DRS - Review SSD	18-Apr-08	01-May-08			5 - Review SS		i.			-			1
	DRSSSD400	DRS - Incorporate Camments SSD	02-May-08	15-Mey-08			DRS - Incor	orațe Comm	ente SSC	1		ł	-	:	ł
- 7	DRSSSD410	DRS - Approve/Issue SSD	16-May-08	22-May-08			DRS - Ap	prove/Issue S	sc.				;		ļ.
		DRS - SSD - Complete		22-May-08			+ DRS - SS	D - Çomplete	ļ	ł	1	1	:		-
U		аналан адартан калан калан Алан калан			Liil_	i	i				بايد		<u> </u>	<u> </u>	<u></u>
				1	Progress Energy	77	Date			Revision			Checked	Арр	proved
				1	Levy Site	pe-	Apr-08	Rev,0				i			

.

Cow Definition

I.

gress	Work A	uthorization - C)6 - SCA &	LWA Support	1									10-A	pr-08 16:01
Addat Note	Station of the second			in the state				7008	14-14-15-	<u></u>		3		203	the second second
Colea	27-Mar-08 A	30-Jun-08		1	1 Aw	play		193 - Ge rry g		<u>s (22, 68)</u>	<u></u>	· . New St	Dee	Jan	
Building Roof Drainnye	19 May 08	19 Jun-08	•					1	ł	į		i			
DRSCSE650 DRS - Prep Building Roof Drainage Calc	19-May-08*	04-Jun-08					ORS - P	tep Building	, Roof Draina	nge Cel		1			
DRSCSE590 DRS - Review Buikting Roof Drainage Calc	05-Jun-06	10-Jun-08	•					Review Bull	i Ifing Roof D	- Dràinage Ca	a :	1			
DRSCSE700 DRS - Incorporate Comments Building Roof Drainage Cafe	11-Jun-08	16-Jun-08		1				\$ - Incorpore	te Commer	tis Building	Reof Drainag	Cal		1	
DRSCSE710 DRS - Approve/Isaue Building Roof Drainage Calc	1 17-Jun-08	19-Jun-08						S - Approve						.	
DRSCSE720 DRS - Building Roof Drainage Calc - Complete		19-Jun-05						RS - Building	1	1	- E - E - E - E - E - E - E - E - E - E				
Culverte Dogn 2012 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	22-Apr-08	15-May-DB												-	
DRSCSE430 DRS - Prep Culverts Dsgn Calc	22-Apr-08	01-May-08		1		DRS - Pre	o Culverts D	lagn Cak							
DRSCSE440 DRS - Review Culverts Dsgn Calc	02-M#y-08	07-Mey-08	-			C DRS-R	eview Culvi	erts Dagn Ca	ý.		1	1	:	1	
DRSCSE450 DRS - Incorporate Comments Culverts Dsgn Calc	08-May-08	13-Mey-08	• • • • • • •	•••••••		TH DRS	Incorporati	Comments	Cuiverte D	egn Cal			••••••••		
DRSCSE460 DRS - Approve/Issue Culverts Dsgn Calc	14-May-08	15-May-08	-	1		0 DRS	- Approve/l	sue Culvert	Is Dagn Cak	d i		1	1		
DRSCSE470 DRS - Culverts Dagn Celc - Complete	· · · · · · · · · · · · · · · · · · ·	15-May-08	-			• DRS	- Culverte D	i Qagn Calc - C	Gompletr	1	1		1	1	
Drainingh Fipe Cale	19-May-08	30-Jun-08		1				1	1			1			
DRSCSE460 DRS - Prep Drainage Pipe Dagn Calc	19-May-08*	j 09-Jun-08	1				DRS-	Prep Draina	ģe Pipe Des	ga Cak				-	
DRSCSE490 DRS - Review Drainage Pipe Dsgn Calc	10-Jun-08	15-Jun-08		{}				S Review	Ģreinage Pi	pè Dign Ca	st;				
DRSCSE500 DRS - Incorporate Comments Drainage Pipe Osgn Celc	19-Jun-08	24-Jun-08		1			0	DRS - Incorp	v porate Corru	; ments Drain	age Pipe Dsg	n Cel		ļ.	
DRSCSE510 DRS - Approve/Issue Drainage Pipe Dsgn Calc	25-Jun-08	30-Jun-08	·				Ģ	DR6 - App	prove/tssue	Creinage P	ipé Dsgn Cal			1	
DRSCSE520 DRS - Orainage Pipe Dagn Calc - Complete		30-Jun-08						,	, Inage Pipe	1	•	1	1	;	
Drop Infor Capacity Doon	Z1-May-08	20-Jun-08						1	}	1	1	1	1	-	
DRSCSE530 DRS - Prep Drop Inlet Capacity Dags Calc	21-May-08'	04-Jun-08		·····			5 ORS I PI	inp Drop Infe	d Capacity I	ปรี่ฐิติ ไว้แม่ "					
DRSCSE540 DRS - Review Drop Iniel Capacity Dagn Calc	05-Jun-08	11-Jun-08					CD DRS	Raview Dro	p Inlei Cap	açity Dagn i	cal	1		-	
DR\$CSE550 DR\$ - Incorporate Comments Drop Inlet Capacity Dsgn Calc	12-Jun-08	18-Jun-08						S - Incorpor	ete Comme	inte Drop foi	let Capacity D	sign Cal	1		
DRSCSE560 DRS - Approve/Issue Drop Inlet Cepacity Dsgn Calc	19-Jun-08	120-Jun-08					g Dé	RS - Approve	Assue Drot	p Inlet Capa	city Dagn Cal				
DRSCSE570 DRS - Drop Iniel Capacity Dagn Calc - Complete		20-Jun-08	1				♦ D8	RS - Drop Ini	el Capacity	Dage Celc	- Complet	1	;	:	
Stann Water Migmint Busins	27-Mar-08 A	05-Jun-08	+	! '					}						
DRSCSE580 DRS - Prep Storm Water Mngmht Basins Calc	27-Mar-08 A	05-May-08	1	÷ 📫		DRS - P	ep Storm W	later Mngroni	Basins Ca	k,	1	1	1	1	
DRSCSE590 DRS - Review Storm Water Mngmnt Basins Calc	06-May-08	15-May-08					• Review St	(orm Water N	Ingmnt Bes	ine Cah			1	;	
DRSCSE600 ORS - Incorporate Comments Storm Water Mngmnt Basins Calc	16-May-08	26-May-08			}		DRS - Incor	porate Com	ments Storn	Water Mo	giệnt Baains (- I	1	1	
DRSCSE610 DRS - Approve/Issue Storm Water Mngmnt Basins Celd	29-May-08	05-Jun-08				Ċ,		pprove/Issue	,	•	1	1	1	:	
DRSCSE620 DRS - Slorm Water Mingmit Basins Calc - Complete		05-Jun-08					• DRS - S	tom Water I	Kingmini Bai	siha Calc - (Cdimplet	1			
Allemetive Water Cuality BIAP's	31-Mar-08 A	25-Apr-08							1				i	1	
ORSCSE830 ORS - Prep Alternative Water Quality BMP's Calc	31-Mar-08 A	11-Apr-08]		י ו	Prep Alterni	1	, .	,				1	:	
ORSCSE640 ORS - Review Alternative Water Quality BMP's Calc	14-Apr-08	17-Apr-08				i - Review A					-	1	ł	:	
DRSCSE650 ORS - Incorporate Comments Alternative Water Quality BMP's Calc	\$8-Apr-08	23-Apr-08			· ·	RS - Incorpo			,		'sCs	1		}	
DRSCSE660 DRS - Approve/Issue Alternative Water Quality BMP's Calc	24-Apr-08	25-Apr-08			. ,	RS-Approl		,	+	MP's Cal	{	1			
DRSCSE670 DRS - Water Quality BMP's Calc - Complete		25-Apr-08			• !	RS - Water	Quality BM	P's Caic - Co ,	†mpfete †	1	1	1	1	:	
Dralnege Ulleh Degn	03-Apr-08 A			1		_		-		1	1	1	1	1	
DRSCSE730 DRS - Prep Dreinege Ditch Dsgn Calc	03-Apr-08 A	14-Apr-08	1	; ;	i ,	- Prep Drein		1		1	1	1	i	:	
DRSCSE740 DRS - Review Orainage Ditch Dagn Calc	15-Apr-08	18-Apr-08	1	: :	이 며린	5 - Review Ç	reinage Diti	ph Dsgn Cal-	(1	:	1	:	: :	

ogress		Work Au	uthorization - 05	5 - SCA & LWA Support								10-A(pr-08
	Activity Henre	Charles Martin	Frith Contract of the	atan wasan kasa dari			7004	- 10. AN 140		1		700	511
ORSCSE750	DRS - incorporate Comments Drainage Ditch Dsgn Cslc	21-Apr-08	24-Apr-08		DRS - Ince		ments Drainage Offch D	son Cal	<u> </u>	Nor	Dec	Jen	
	DRS - Approve/Issue Drainage Ditch Dagn Calc	25-Apr-08	26-Apr-08				Dreinage Dilch Degn Ca		1				
	DRS - Drainage Ditch Dagn Calc - Complete		28-Apt-08				Cison Calc - Complete						
Energy Dissipater		31-Mar-06 A	23-Apr-08		1			i i	1	i			í
	DRS - Prep Energy Dissipaters Colo	31-Mar-08 A			DR5 - Prep Ener	Dissigater	al Cale	-					1
	DRS - Review Energy Dissipators Calc	10-Apr-08	15-Apr-08		DRS - Review								
		16-Apr-08	21-Apr-08			1	nints Energy Dissipaters	i Chi			-		:
DRSCSEA10		22-Apr-08	23-Apr-08				ergy Dissipaters Cal						1
DRSCSE820			23-Apr-08			1	rs Calc - Complete						
Ripropitfuliet Prof		03-Apr-08 A	19-May-08.1			1		i i	i i				;
DRSCSE830			28-Apr-08		ORS Pr	Norac Ou	itel Protection Cal		¦			4	{
DRSCSE840		29-Apr-08	07-May-06	i i i			ap Oullet Projection Ca	. !	: :				1
DRSCSE850	DRS - Incorporate Comments Riprap Outlet Protection Caic	08-May-08	18-May-06		•	•	ale Comments Riprap C		d Cal				
DRSCSE860	a far high a substantian a daga an an a far ha bar da dha da an an a far da an	19-May-08	19-May-08				eriasue Riprap Outlet P						í.
	DRS - Riprep Outlet Protection Calc - Complete		18-May-08			1	Outlet Protection Calc -		1	1			1
Dwga		10-Mat-08 A	27-May-08				• • • • • • • • • • • • • • • • • • • •					• • • • • • • • •	į
Paler		10-Mar-08 A	09-May-03					;					1
	DRS - Prep PålD's	10-Mar-08 A			DRS - Prep	PåID's		1	1	-]		:
	DRS - Review PålD's	22-Apr-08	28-Apr-08			+		;	; ;	i			;
and the state of t	DRS - Incorporate Comments P&ID's	30-Apr-08	05-May-08		_;	1	Comments P&(D)	-					:
	DRS - Approve/Issue P&ID's		08-May-08			Approvents	1 1						÷ • •
and the second second second second second	DRS - PÅID's - Camplete		08-May-08		•	- PAID's - Co	1 1	1					ļ.
	and a Profile Own is the second se	24-Apr-08	22-May-08					1					*
DRSCSE930			07-May-08		DRS	Rrep Piping	Plan, Sections, & Profile	e dwg:		:	1		-
DRSCSE940	DRS - Review Piping Plan, Sections, & Profile Dwgs	,08-May-08	13-May-08			S Review P	ping Plan, Sections, & I	rdfile Dwg	1	-			1
DRSCSE950	DRS - Incorporate Comments Piping Plen, Sections, & Profile Dwgs	114-May-08	19-May-08		·····	RS Incorpo	als Comments Piping I	Ian, Sections.	a Profile Dwg			į	į
DR\$C\$E960	DRS - Approve/Issue Piping Plan, Sections, & Profile Dwgs	20-May-08	22-May-08		a	DRS - Appro	ve/Issue Piping Plan, Si	clions, & Prof	Ve Dwg		į		÷ .
DRSCSE1010	DRS - Piping Plan, Sections, & Profile Dwgs - Complete		22-May-08		•	, DRS - Piping	Plan, Sections, & Profil	, e Øwgs - Com	blet	}	ł		
Exis Ung Contribion	s Plan, Pre-Development	07-May-08	21-1609-08 5			1							:
DRSCSE970	DRS - Prep Existing Conditions Plan, Pre- Development	07-May-08	12-May-06			Prep Exist	ling Conditions Plan, Pre	e- Developmer		i			÷
URSCSE980	DRS - Review Piping Plan, Sections, & Profile Dwgs	13-May-08	15-May-08	• • • • • • • • • • • • • • • • • • • •		s,- Review F	ping Plan, Sections, &	Profile Dwg		· • • · • • • • • • • • • • • • • • • •			;·
DRSCSE990	DRS - Incorporate Comments Piping Plan, Sections, & Profile Dwgs	16-May-08	19-May-05			RS - Incorpo	rste Comments Piping #	len, Sections,	& Profile Ow	, !	:	-	
DRSCSE1000	DRS - Approve/Issue Piping Plan, Sections, & Profile Dwgs	20-May-08	21-Mey-05		a 1	DRS - Approv	ve/Issue Piping Plan, Sa	ctions, & Profi	e Dwg		i		1
DR&CSE1000	DRS - Piping Plan, Sections, & Profile Dwgs - Complete		21-May-08		• •	CR8 - Ploing	Plan, Sections, & Profile	a Qwgs - Com	plet	;	÷		
Construction Store	n Water Mägmitt Plan - Proposed Contours tying into Existing Contours	05-May-08	20-May-08			:			1	ļ	;		
DRSCSE1020	DRS - Prep Construction Storm Water Mngmnt Plan - Proposed Contours tying	Into Existing 05-May-05	12-May-08		DRI DRI	Prep Cone	struction Storm Water M	nomnt Plan - 1	roposed Coe	lours tying in	ilo Existing L	onlou	
DRSCSE1030	DRS - Review Construction Storm Water Mngmini Plan - Proposed Contours ly	Ing into Existin, 13-May-08	18-May-08		D DF	ts - Review (Construction Storm Wat	er Mngmnt Ple	h - Proposed	Centours tyir	ng Inlo Exisți	ing Conlot	
DRSCSE1040	DRS - Incorporate Comments Construction Storm Water Mngmot Plan - Propos	sed Contours I. 19-May-08	21-May-08			DÀS - Incorp	orate Comments Consir	ucțion Storm V	Vator Mngmml	Plan - Prope	osed Conlou	irs lying into	Exie
DRSCSE1050	DRS - Approve/Issue Construction Storm Water Mngmnt Plan - Proposed Cont	oure tying into 22-Mey-08	23-May-08		0	DRS - Appro	ve/Issue Construction S	itorm Water M	ngmnt Plan - I	roposed Go	intours tying	into Existing	j Co
DRSCSET110	DRS - Construction Storm Waler Mogmet Plan - Proposed Conlours tying Into I	Existing Conto.	23-May-08		•	DRS - Consi	ruction Storm Weler Mo	grhnt Plan - Pi	oposed Cont	ours tying iệt	e Existing Ç	ontours - Co	imbj
				Progress Energy		late		Revision			Checked	Appr	OVE
					10-Apr-		ev.0						

2010 - 1997 1997 - 1997 1997 - 1997

8 Progr	1855		Work	Authorization -	06 - SCA & LWA Suppor	t									10-6	Apr-08 15
1.1		Addition and the second s	Start		No. 1 alexandre and	A. (- 2,	Contract 1		2008						·····	
	Construction Store	t Water Isngrunt Seavans & Defalta		Service -	Fib. Mar	Apr	later -	271. 	<u> </u>	- Am -	Bep	04	Nev	Dec	۰۰ مدر	P
		<u> Helder er en die met die die behalten die bester die die die die die die die die die die</u>	09-May-08			ļ			1							+
Ĩ		DRS - Prep Construction Storm Water Mngmnl Sections & Details	09-May-08				DRS	Prep Co	nstruction Sto	n Water Mog	mnt Section	s & Deleil				-
8.	. Inf	DRS - Review Construction Storm Water Maganit Sections & Delaits	14-May-08	15-May-08			0 DRS	- Review	Construction :	Storm Water 🕻	Angmint Sec	tions & Dele	h		•	1
8.	·	DRS - Incorporate Comments Construction Storm Water Mngmnt Sections & Details	16-May-06	19-May-08			D DR	6 - Incorp	orate Comme	nis Constructi	on Slorm W	aler Mngmn	(Sections &	Delai	r	1
2		DRS - Approve/Issue Construction Storm Water Mngmit Sections & Details	20-Mey-08	20-May-08			i DR	S - Appro	ve/Issue Cons	ruction Storm	n Water Mng	mnt Section	is & Delail			1
		DRS - Construction Storm Water Mngmnt Sections & Datails - Complete		20-May-06			<u>на на к</u>	S Cons	ruction Storm	Water Minami	it Bections I	Detaile"-"C	omplet	• • • • • • • • •		
150	1	Yarar Mogmit Plan - Havizontal GW Dwgo & Vertical Profiles	24-Apr-08	21-May-08					1	1						1
÷.,		DRS - Prep Permanent Storm Water Mngmnt Plan - Horfzontal SW Dwgs & Vertical Profiles	24-Apr-08	06-May-08			DRS - Pr	ep Perm	anani Siorm W	ater Mngrnnt	Plan - Horizo	ontal SW Dr	ygs & Vertica	l Profile		1
1.0		DRS - Review Parmanent Slorm Water Mngmnt Plan - Horizontal SW Dwgs & Vertical Profile		12-May-08		1	DRS .	Review #	emenent Sto	rm Water Mng	imni Pieri -	Horizontat S	W Dwgs & V	ertical Profile		Į.
	ORSCSE1140	DRS - Incorporate Comments Permanent Storm Water Mrigmit Plan - Horizontal SW Dwgs .	13-May-08	15-May-08			D DRS	- Incorpe	rale Comment	s Permanant	storm Wate	r Mngmnt P	an - Horizon	tel SW Dwgt	& Vertical F	Profile
2	DRSCSE1150	DRS - Approve/lasue Permanent Storm Water Mingmit Plan - Horizontal SW Dwge & Vertice	1. 19-May-08	21-May-08		•••••			No lissue Pari							
	DRSCSE1210	DRS - Permanent Storm Water Megmet Plan - Horizontal SW Dwgs & Vertical Profiles - Corr		21-May-08					enent Storm V		,		•	_		ł
	Parmanent Storm V.	Vater Minymut Seollons & Details	30-AN-08	23-May-08.			1				1			1		i
	ORSCSE1170	DRS - Prep Permanent Storm Water Magmat Sections & Details	30-Apr-08	09-May-05			DRS - P	rap Pern	anent Storm V	Valer Mingmen	Sections &	Detail		į		;
	DRSCSE1180	DRS - Review Permanent Slorm Water Mngmht Sections & Details	12-May-05	15-May-08					Permanent St	• •						1
14.2	DRSCSE1190	DRS - Incorporate Comments Permanent Storm Water Mingmit Sections & Details	16-May-08	21-May-08	******				ofate Comme				Sections & C	alal		
	DRSCSE1200	DRS - Approve/Issue Permanent Storm Water Mngmnt Sections & Details	22-May-08	23-May-08					ove/Issue Pen							1
8 1 1	DRSCSE1260	DRS - Permanent Storm Water Mingmit Sections & Details - Complete		23-May-06					nament Storm 1	· ·	1		• •	1		i.
	Slorm Water Minisme	nePolitis and the second se	28-Apr-08	27-May-08					1	1	1					-
	DRSCSE1220	DRS - Prep Storm Water Mingmit Ponds	28-Apr-08	09-May-08		,		reo Storr	Nater Mngm	nt Ponde						ł
1	ORSCSE1230	DRS - Review Storm Water Mrgmnt Ponds	12-May-08	15-May-08					Storm Water K							
7	DRSCSE1240	DRS - Incorporate Comments Storm Water Magmit Ponds	16-May-08	21-May-08		1			orate Comme	, ⁻ ,	,	Pont				1
8	the second se	DRS - Approve/Issue Storm Water Mngmnt Ponds	22-Mey-08	27-May-08			i i		wove/issue St			r ona				
	DRSCSE1310	DRS - Storm Water Mngmit Ponds - Complete		27-May-05		ł			rm Water Mng		- I				i	;
		11 Ponds Sections & Dublis and was the section of t	30-Apr-08	23-May-08			i T		}						2	1
		DRS - Prep Storm Water Mngmnt Ponds Sections & Details	30-Apr-08	09-May-08					i Water Mingri	i Lineatareria	an a					
.		DRS - Raview Storm Water Mogmot Ponds Sections & Details	12-May-08	15-May-08		1			Storm Water N		1	· · · ·		:	ļ	1
ŝ		DRS - Incorporate Comments Storm Water Magmit Ponda Sections & Details	18-May-08	21-May-08			,		ofste Comme		•			:	ŗ	5
		DRS - Approve/Issue Storm Water Mngmit Ponds Sections & Details	22-May-08	23-May-08					ove/Issue Stor					i		i.
		DRS - Storm Water Hingmit Ponda Sections & Detella - Complete	22-may-00	23-May-08					n Waler Mngre			1		÷		1
摄家	Sita Grading Plan		17-Mar-08 A	1 .								nie - Compil				
2.00	ORSCSE1320	DRS - Prep Site Grading Plan	17-Mar-06 A	and the rall a strong of			Prep Site Gred	lina Di-r						i i		ł
	a desta and because open	DRS - Review Site Grading Plan	09-Apr-08	17-Apr-08			6 - Review Sit	-	i Elec					į	1	į –
8		DRS - Incorporate Comments Sile Grading Plan	:18-Apr-08						niments Site G		1		1	1		1
<u>i</u>	en en a sama d	ORS - Approve/Issue Site Grading Plan		28-Apr-08							i i		i	i		
.	a manual sector a sector	DRS - Sile Grading Plan - Complete	29-Apr-08	01-May-08					Site Grading				•			
яна IST	Silver and		10 H 01	01-May-08			DRS-SIG	steaing +	1an - Complei		1					1
	Election Speits		16-May-08	30-Jun-08							÷		!			i i
		ORS - Prep Erection Specs	10-May-09	25-Jun-08							[ł
		ORS - Review Erection Specs	16-May-08	05-Jun-08					Frep Erection				i		÷	
16 .	0000001380	OUC - COMPACTION DEC2	09-Jun-08	, 16-Jun-0a					Raview El	ection Spec						
					Progress Energy	·	Date			Rev	islon			Checked	Appre	oved
					Levy Site		10-Apr-06	R	ev,0							

r

rogress	Work A	Authorization - (06 - SCA J	LWA Suppor	ı —	-	·							10-A	pr-08 15:01
Achiny Norm	800	· Feish	1.000	1999 (N. 1997)	14 N. O.	28. / Transfer	38.58 / 7	Óð u r	New York	1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 1979, 19	9.20			20	a
DRSCSE1390 DRS - Incorporate Comments Erection Speca	17-Jun-08	23-Jun-08	Feb	. Mer M	<u> </u>	- Minv	Station of the	M)	Aug -	nents Erect	Ort	Nov	Dee	, hel	Feb
DRSCSE1400 DRS - Approve/lasue Erection Spece	24-Jun-08	25-Jun-08		{		1			1	rection Spe		1	[:
DRSCSE1450 DRS - Erection Spece - Complete		25-Jun-08		!					ion Spece -		"				{
Procurament Speed	21-May-08	30-Jun-08				i	Ť		1	}		1			
DRSCSE1420 DRS - Prep Procurement Spece	21-May-08	\$1-Jun-08					TT DRS	Pren Proce	; rement Spi	;	ł	1			
ORSCSE1430 DRS - Review Procurement Specs	12-Jun-08	19-Jun-08	+	+			,		Procureme	•					
ORSCSE1440 DRS - Incorporate Comments Procurement Spece	20-Jun-08	26-Jun-08	-				,)	,	•	; curjement Spe	e)		1	
DRSCSE1450 DRS - Approve/issue Procurement Specs	27-Jun-08	30-Jun-08	-						7	Procureme		•			
DRSCSE1470 DRS - Procurement Specs - Complete		30~Jun-08							1	spines - Con					
	11-Feb-08 4	30-Jun-08	-[1	i			1	;	1	i i			: [
S5D		22-May-08		· •	i							4			
ECSSSD380 ECS - Prep SSD	11-Feb-08 A			;	F	CS Prep	860		1	1	1	1		1	1
ECSSSDI430 ECS - Provide I&C Input to SSD	11-Feb-08 A			1		i i	de låC Inpo	it to SSC			į	;	;	i.	.
ECSSSDC440 ECS - Provide Civil Input to SSD	111-Feb-08 A						de Civil Inp			;		1		ł	:
ECSSSD390 ECS - Review SSD	01-May-08	14-May-08		1			Review SS	•	1	1	1	1		1	
ECSSSD400 ECS- Incorporate Comments SSD	15-May-08	20-May-08	• • • • • • • •	+			S- Incorport		his sst			÷			
ECSSSD410 ECS - Approve/lasue SSD	21-May-08	22-Mey-08		i i		- i	S - Approv		1	;		1		1	:
EC\$58D420 ECS - SSD - Complete		22-MBY-08	1				S - 550 - 0			1	i.	1		ł	:
Calcs	18-Apt-06	09-Jun-08				1		·	1		1	1			
Electricit Coles	18-Apr-08	09-Jun Da	3											1	
ECSEE430 ECS - Prep Electrical Calcs	18-Apr-08	15-May-08	• • • • •			ÈČŠ	Prep Elect	rical Calcs			• • • • • • • • • • •				· · · · · · · · · · · · · · · · · · ·
ECSEE440 ECS - Review Electrical Calos	16-May-08	28-May-08					, ECS - Revié	w Electrice	i,Calci		1	1	-	÷	:
ECSEE450 ECS- Incorporate Commente Electrical Calcs	29-May-06	03-Jun-08				é	ECS-inc	orporate Co	mments Ele	ectrical Cale	. !	1	1	:	:
ECSEE460 ECS - Approve/Insue Electrical Calce	04-Jun-08	09-Jun-08					🗂 EC8 -	Approve/las	un Electrica	el Calcs	j.	į.			i
ECSEE470 ECS - Electrical Calcs - Complete		09-Jun-08		;		÷	+ ECS -	Elucirical C	ļ aļcai-Cemp	lej i	ł	{		{	.
(Ding)	11-Apr-08	30-Jun-08		;					· • • • • • • • •		·				
Duct Bank Clvil Undetground Support	27-May-08	20 Jun-08		:		-			1		1	1		1	
EC6CSE480 ECS - Prep Duct Bank Underground Support Dwg	27-May-08	11-Jun-08	7			ċ	=== EC6 {	Prep Duci	Bank Under	g(ound Sup	port Dwi	;	1	;	{
ECSELE530 ECS - Provide Electrical Input to Duct Bank U/G Support Dwg	27-May-08	11-Jun-08	1	1		÷	ECS 🗧	Provide Ele	ctrical Inpu	t to Duct B	ınlı U/G Supp	or Dw		;	:
ECSCSE490 ECS - Review Duct Bank Underground Support Dwg	12-Jun-08	20-Jun-08		-		:					rd Support Dv	1			:
ECSCSE500 ECS- Incorporate Comments Duct Bank Underground Support Dwg	23-Jun-08	25-Jun-08		*****	i			ECB-Incorp	orate Comi	nente Duct	Bank Undergi	round Supp	orDw		
ECSCSE510 ECS - Approve/lasue Duct Bank Underground Support Dwg	26-Jun-08	30-Jun-08]			į			+	· •	Underground	1	•	1	
ECSCSE520 ECS - Duct Benk Underground Support Dwg - Complete		30-Jun-08	1				4	ECS - Du	d Bank Und	lerground S	upport Dwg -	Complet			1
Electrical One Lines, Lond List, & Three Lines	11-Apr-0B	30-Jun-08		1					1	1	1	1		+	: 1
ECSEE530 ECS - Prep Electrical One Lines, Load List, & Three Lines	11-Apr-08	06-Jun-08					·· ,		•	,	a Three Une	•		1	
ECSEE540 ECS - Review Electrical One Unes, Load List, & Three Unes	09-Jun-08	17-Jun-08	1			;	- 1				ad List, & Th		1		
ECSEE550 ECS- Incorporate Comments Electrical One Lines, Load List, & Three Lines	18-Jun-08	25-Jun-08	1	1		ļ	i			- í			t, & Three Line	t	
ECSEE560 ECS - Approve/asue Electrical One Lines, Load List, & Three Lines ECSEE570 ECS - Electrical One Lines Load List & Three Lines	26-Jun-08	30-Jun-08		1		1	•		•	1	ne Unes, Los		•		
ECSEE570 ECS - Electrical One Lines, Load List, & Three Lines - Complete		30-Jun-08				1		ECS - Ele	dirical One 	Uhes, Lond	List, & Three	Gines - Col	mpiel	i	
~• 	11-Feb-08 A	18-Jun-08	1	: :					1			1	;	1	1

rogress		Work Au	therization - 06 - S	CA & LWA Support				,		-				10-Ap	or-08 1
	And the second	a in an air a la chaile chail		en <mark>de ser</mark> de	S. B. Mart	40.79%).		99 (m. 19. de)	ia ana			1481 - 14 M		2008	k < k
0128	The state of the second st		Station of	90 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1	Apr	May (C)	2 - A - A - A - A - A - A - A - A - A -	Sec. 1999	AN AN SE	1.00 Million	OK.	l den j	Dи	Jun	Fet
EGSSSD580		11-Fub-08 A		<u> </u>		508 Bas						1		1	
	EGS - Prep SSD	11-Føb-08 A				EGS - Prej									
EGSSSDC530	EGS - Provide Civil Input to SSD		30-Apr-08		·····		ride Civil Inp	0110551			1				
108880590	EGS - Review SSD		08-May-08			EGS-R			-		i	1		į	
EGSSSD600	EGS-Incorporate Comments SSD		09-May-08			-		forments S	iL				,		
EG555D510	EQS - Approve/lesue SSD	12-May-08	13-May-08				Approve/la	,			1	1		ł	
EG\$\$\$0620	EGS - SSD - Complete		13-May-08	1		♦ EGS	\$\$D - Cor	opiete '			i	i		i	
Diviga	· · · · · · · · · · · · · · · · · · ·		16-Jun-08								1				
GA Dwgs	a sente concernence e la propie de la propie d		16-Jun-08								1	1			
EGSEE630	EGS - Prep General Arrangement Dwgs	ومحمد فحيوسي والرابر بالاستكان وتمح	28-May-08					General Arr				j		İ	
EGSEE540	EGS - Review General Arrangement Dwga	28-May-08	06-Jun-08		ļ	L L		avlew Gené				1		i,	
EGSEE650	EGS- Incorporate Comments General Arrangement Dwgs	80-nut-80	12-Jun-08					Incorporate	1	1	• •				
EGSEE660	EGS - Approve/Issue General Arrangement Dwgs	13-Jun-08	18-Jun-08					\$ • Approve/		-	1	1			
EGSEE670	EGS - General Arrangement Dwgs - Complete		16-Jun-08				♦EG	5 - General /	rrangement	Owgs - Cor	nplet	-			,
PWS	1/2. 18. 19. 1. 19. 1. 19. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	17-Mar-08 A													
56D		17-Mar-08 A	Children and an and an								;	1			
PW\$SSD680	PWS - Prep SSD	17-Mer-08 A	15-Apr-08			- Prep SSC					-	1			
PWSSSDE730	PWS - Provide Electrical Input to SSO	17-Mør-08 A	15-Apr-08		1	- Provide E	•					1	1 1	-	
PWSSSD1740	PWS - Provide I&C Input to SSD	17-Mar-08 A	15-Apr-08	-		5 - Provide i		1				1		i	
PWSSSDC750	PWS - Provide Civit Input to SSD	17-Mar-08 A	15-Apr-08			5 - Provide (\$SC			1	:	1		
PWSSSD690	PWS - Review SSD	16-Apr-08	01-May-06			j"¢WS∓Re									,
PW\$SSD700	PWS-Incorporate Comments SSD	02-May-08	15-May-08	1	1			le Commente							;
PWSSSD710	PWS - Approve/Issue SSD	16-May-08	21-May-DB		ł			e/Issue SSO			1				
PWSSSD720	PWS - 8SD - Complete		21-May-08			• P	NS - SSD - '	Complete							
Calco		23-May-08	19-Jun-08									<u>.</u>	[]		
Mechanical Cales	상태 가슴이 가는 것 같은 것을 하는 것 같아요.	23-May-08	19-Jun-08									1			:
PWSME720	PWS - Prep Mechanical Calcs	23-May-08	04-Jun-08		1		,	rep Mechani		ł	1	i -			í.
PWSME730	PWS - Review Mechanical Calcs	05-,tun-08	11-Jun-08				•	Review Me				1			1
PWSME740	PWS- Incorporate Comments Machanical Calcs	12-Jun-08	16-Jun-08				, –	6- Incorpora			1	1	1		1
PWSME750	PWS - Approve/Issue Mechanical Caics	17-Jun-08	19-Jun-06				*	NS - Approv		1	i,	<u>.</u>			<u>.</u>
PWSME760	PWS - Machanical Calcs - Complete		19-Jun-08				, Tirkina (VS - Mechan	cal Cales - (omplete	1				;
Di#ga		03-Apt-08 A	25-Jun-08				1				1	1	:	1	
Palify		A 60-14A-E0	22-May-03												i
·····	PWS - Prep P&ID's	03-Apr-08 A	25-Apr-06		1	PWS - Prep		ļ			Į.	;	; ;		;
	PWS - Provide Electrical Input to P&ID's	03-Apr-08 A	25-Apr-08			•	•	Finput to Pal	D'e			;			
PWSICE880	PWS - Provide I&C Input to P&ID's	03-Apt-08 A	25-Apr-08			Þŵs - Provi	(·			1	;	;			ļ
PWSME780	PWS - Review P&ID's	26-Apr-08	09-May-08	1	<u>ا</u>	PWS -	:	:			1		:		i
PWSME790	PWS-Incorporate Commania P&ID's	12-Mey-08	16-May-08	į į				ie Comment		!	1	ł			ł
PWSME800	PWS - Approve/seue P&ID's	19-May-08	23-May-08	ł i			1 · · · ·	ýs/Issue P&			i	5	1		ł
PWSME810	PWS - P&ID's - Complete		23-May-08			+ F	W8 - P&ID	s - Complete	, ,		-	1			
			1	Progress Energy		D:	te		Re	vision		····	Checked	Appr	roved
			1	- · · · · · · · · · · · · · · · · · · ·		10-Apr-0		ov.0						T	

	Active Name	1	uthorization - 0	1			·							10-4	Apr-08 16:0
48,000,000			Finish C	Feb		<u>.</u>	<u> </u>	<u>68 - 67 per 1943</u> Geographises	7008	VI	<u></u>	Ner	. O 	3 Sur	209 Fub
Piping Layout Ove		08-Apr-08	25-Jun-08							<u> </u>	··· • •		ł l		
PWSME520	PWS - Prep Piping Layout Dwgs	08-Apr-08	12-May-08	ſ		C.	긎 PWS	Prep Plpin	e Layoul Dwas						{
PWSMEE30	PWS - Review Piping Layout Dwgs	13-May-08	03-Jun-08					PWS-R	eview Piping Layou	rt Dwg	1	ł			ł
PWSME840	PWS- Incorporate Comments Piping Layout Dwga	04-Jun-08	13-Jun-08					C PWS	- Incorporate Com	mente Piping La	yout Dwg				-
PWSME850	PWS - Approve/issue Piping Layoul Dwgs	16-Jun-08	25-Jun-08	1					PWS - Approve/Iss	we Piping Leyo.	rt Dwgr				1
PWSME860	PWS - Piping Layout Dwgs - Complete		25-Jun-08	F	******			•	PWS Piping Lavo	ut Dwds - Comp	164				1
vs		A 60-19A-CO	30-Jun-08												1
59D		03-Apr-08 A	30-Jun-08				i i								1
RW\$S5D870	RWS - Prep SSD	03-Apr-08 A	01-May-06				RWS-Pre	p SSD			1		1		1
RWSSSDE920	RWS - Provide Electrical Input to SSD	03-Apr-08 A	01-May-08		1		RWS - Prd	vide Electri	cal input to SSC						:
RWSSSD(930	RWS - Provide I&C Input to SSD	03-Apr-08 A	01-May-08				RWS-Pro	vide laC in	put to SEC			;			1
RWSSSDC940	RWS - Provide Civil Input to SSD	03-Apr-08 A	01-May-08		1		RWS-Pro	vide Civil Ir	put to SSC						
RWSSSD880	RWS - Internal Review SSD	02-May-06	13-May-08				RWS	- Internal R	eview SSC			1			1
RW\$SSD890	RWS - Incorporate Comments SSD from Internal Review	14-May-08	23-May-08				i co P	WS - Incorp	porate Comments S	SD from Interna	l Review	1			1
RWSS5D920	RWS - Client Review SSD	27-May-08	08-Jun-08					RWS -	Client Review SSC			1			1
RWSSSD930	RWS - Incorporate Comments SSD from Client Review	09-Jun-08	18-Jun-08	[1		i 🗇 ƙw	S - Incorporate Co	mmente SSD fra	m Client Revie	1	[]		i
RWSSSD900	RWS - Approve/Issue SSD	17-Jun-08	30-Jun-08				i i	<u> </u>	RWS - Approve/	lasue 850		9 L 1			1
RW\$SSD910	RWS - SSD - Complete		30-Jun-08			ŀ	; ;		RWS - 850 - Co	mpiete	i i	1			ł
Cates		01-May-08	06-Jun-08												1
Mothanical Cales		01-May-08	06-Jun-08								i i	•	; ;		:
RWSME920	RWS - Prep Mechanical Calcs	01-May-08	14-May-08	[· · · ·		1	Ê WS	- Prep Mec	hanical Calca			1			
RWSME930	RWS - Review Mechanical Calcs	15-May-08	22-Mey-08						Mechanical Calc		1	1			1
RWSME940	RWS - Incorporate Comments Mechanical Calcs	23-May-08	02-1un-08				!]		corporate Commer	•	alc				i
- second and the second second second second	RWS - Approve/Issue Mechanical Calcs	03-Jun-08	06-Jun-08	:		ļ		-	Approve/Issue Mec	1	:				-
	RWS - Mechanical Calcs - Complete		06-Jun-08					 RWS - 	Mechanical Celcs -	Complete	1	:	: :		1
Pélip's		04-Apr-08 A	27-Jun-08												1
		04-Apr-06 A	23-Jun 08				i i					-			1
an entering and the set of heating and the	RWS - Prep P&ID's	04-Apr-08 A	30-Apr-08				RWS - Pre				1	-	: :		1
. b. ditt	RWS - Provide Electrical Input to P&ID's	04-Apr-08 A	30-Apr-08						al Input to P&ID's	1	1				1
· · · · · · · · · · · · · · · · · · ·	RWS - Provide I&C Input to P&ID's	04-Apr-08 A	30-Apr-08				I I		aut to P&ID's	1					i
	RWS - Internal Review P&ID's	01-May-08	19-May-08						Review Palo's						1
RWSME990	RWS - Incorporate Comments P&ID's from Internal Review	20-Mey-08	23-May-08				: :		orate Comments P		nal Review	1			1
	RWS - Client Review P&ID's	27-May-08	09-Jun-08						Client Review P&I		i				1
	RWS - Incorporate Comments P&ID's from Client Review	10-Jun-08	13-Jun-08						- Incorporate Com		ord Client Revi	• •			i
warmen and the second second	RWS - Approve/Issue P&ID's	16-Jun-08	23-Jun-08						WS - ApproveAssi	,		;			1
Piping Layout Dwgs	RWS - P&ID's - Complete		23-Jun-08					٠	WS PLID Con	npiete ,		}			
		17-Apr-08	27-Jun-06							ļ			1 I 1 I 1 I		-
11 million management	RWS - Prep Piping Layout Dwgs	17-Apr-08	29-May-08		1				p Piping Leyout Dv		1	•			:
	RWS - Review Piping Layout Dwgs	30-May-08	12-Jun-08						Review Piping L	· , ·					1
	RWS - Incorporate Comments Piping Layout Dwgs	13-Jun-08	20-Jun-08					(22) R1	VS - Incorporate C	ommehts Piping	g Ljayout Dwg				<u> </u>
			<u>Т</u>	Progre	nas Energy		Dat	e		Revision			Checked	Ápt	roved
							10-Apr-08	R	IV.0					1	

,

1855		Work A	uthorization - (6 - SCA & LWA Support						· · · ·			10-	-Apr-08 16:01
	Activity Name	and the second		States and a state	<u></u>	Color Sta	<u>, </u>							2000
RWSME1050	RWS - Approve/Issue Piping Leyoul Dwgs	23-Jun-08	27-Jun-08	Fee Mir (<u></u>	<u></u>		RWS - Appro	Au Ve/Issue Pic	ang Layou(Dwg	Cal He	Dee		rib
	RWS - Piping Layout Dwgs - Complete		27-Jun-08				i i			a - Complete			1	
		11-Feb-08 A			ŀ	-							1	- I
\$D		11-Feb-08 A					1			1	1		1	
SD55SD1070	508 - Prep 550	11-Feb-08 A	A REPORT OF A REPORT OF		Nonine 1.	SDS-P	ep SSD	i		1	÷		į	
	SDS - Provide Electrical Input to SSD	11-Feb-08 A					ovide Electric	เ สิเปิกอินไ โอ สิ	st.	•••••	• • • • • • • • • • • • •			
	SDS - Provide I&C Input to SSD	11-Feb-05 A	i		1. m (1. 197		ovide I&C Inc	· · · · ·					1	: I
	SDS - Provide Civil Input to SSD	11-Feb-08 A					ovide Civili in		· · · ·	÷			Ì	1
SDSSSD1080	SDS - Review SSD	08-May-08	19-May-08				S - Review \$			i i			1	
SDSSSD1090	SDS - Incorporate Comments SSD	20-May-08	03-Jun-08			•	⊐ 5DS-ln¢o		nments SSC				1	; I
	SDS - Approve/Issue SSD	04-Jun-08	10-Jun-08		4		🗂 sbs -/	pprove/lssu	IN SSC	····•				
SDS6SD1110	SDS - SSD - Complete		10-Jun-08		1		♦ 5D5 - 8	SSD - Comp	lete ;					
ilen		27-May-08	26-Jun-UB					-						
Mechanical Culcu	Alternative and the state of th	27-May-08	26-Jun-08			1	1			÷	1	Ì	1	
SDSME1120	SDS - Prep Mechanical Calcs	27-May-08	09-Jun-08		1	- c	- sos -	rep Mechan	iicel Celce					
SDSME1130	SDS - Review Mechanical Calcs	10-Jun-08	18-Jun-08				sols	- Review N	lechanical Ca	ile:		• • • • • • • • • • • • • • • • • • • •		
SDSME1140	SDS - Incorporate Comments Mechanical Calos	19-Jun-08	23-Jun-08				🗂 sit) DS - Incorpo	rate Commer	nts Mechanical C	aic	1	1	1
SDSME1150	SDS - Approve/lesue Mechanical Calcs	24-Jun-08	26-Jun-08				0 2	DS - Appro	ve/Issue Mec	hanical Calc			1	
SDSME1160	SDS - Mechanical Calcs - Complete		26-Jun-08			1	• *	DS - Mech	inical Calcs }	Completi			-	÷ [
vg3	in the second state of the second	03-Apr-08 A	30-Jun-08					ļ						
P&IO'a		03-Apr-08 A	15-May-08											
SDSME1170	SDS - Prep PålD's	03-Apr-08 A	21-Apr-08		s	DS - Prep P	4ID's							
SOSELE1270	SDS - Provide Electrical Input to P&ID's	03-Apr-08 A	21-Apr-08		•	DS - Provide	Electricat Inc	NI to PAID'	į					
SDSICE1280	SDS - Provide I&C input to P&ID's	03-Apr-08 A	21-Apr-08			1	ilāC Input 10	P&ID's				1		
	SDS - Review P&ID's	22-Apr-08	05-May-08				eview P&ID's						1	
	SDS - Incorporate Comments P&ID's	06-May-08	08-Mey-08		1	-	ncorporate C		105					
(SDS - Approve/Issue P&ID's	09-May-08	15-May-08		1	1	Approve/Is							
	SDS - P&ID's - Complete		15-May-08			♦ SDS	,- PAID's - Go	mplete			· -			
Piping Layout Dwgs		15-Apr-08	30-Jun-08			1	1							
	SDS - Prep Piping Layout Dwgs	15-Apr-08	03-Jun-08				• •	p Piping Lay	•					
	SDS - Review Piping Leyout Dwgs	04-Jur-08	17-Jun-08]				ping Layout					
J	SDS - Incorporate Comments Piping Leyout Dwge	18-Jun-08	24-Jun-08				1 1			nte Piping Layor	1			
and the second s	SDS - Approve/Issue Piping Layout Dwgs	25-Jun-08	30-Jun-08			-	, ,		•	ping Layout Dwg			1	
	SDS - Piping Layout Dwgs - Complete		80-nut-06				1	808 - Pipi	ig Layout Dw	ngs - Complipti !				
) 		11-Feb-08 A	1			}	¦!							
ю. 		11-Feb-08 A							-			-		
	WWS - Prep SSD	11-Feb-08 A				\$ - Prep SS(1	
	WWS - Provide Electrical Input to \$\$D	11-Feb-08 A			1	1	dectrical Inpu		ł		1		- E	. (
	WWS - Provide I&C Input to SSD	11-Feb-08 A	t	; ;	1	t i i	Cinput to S		:	1	r •	-		
wwwsssbc1340	WWS - Provide Civil Input to SSD	11-Feb-08 A	14-Apr-08		www	o - Provide C	Sivil Input to S			i	i.		1	

ı.

				6 - SCA & LWA Suppor	n									10-Ar	pr-08
	Activity Mining	Start .	Fishh	Sec. Sec. Sec. 19	Sec. Sec.	States .		2008)		See Star	والمراجع والمعرية			201	. eo
WWSSSD1280	WWS - Internal Review SSD	15-Apr-08	16-May-08	State of the second	9.44.4	y Her	ha . VS - Islam	Review St	A40	•••		Nov	Oise	. Jen	
WWSSSC1200	WWS - Incorporate Comments SSD from Internal Review		day and the second				:	;				1	1		1
WWS5SD1320	WWS - Client Review SSD	19-May-08	04-Jun-08							SSD from Int	atrial Playins	{	ł	; i	1
WW\$55D1330	WWS - Incorporate Comments SSD from Client Review	09-Jun-08'	20-Jun-08					1	t Review SS	1		1.	!	i i	1
WWSSSD1300		23-Jun-08	25-Jun-08			,	i) from Client P	leviav	i i	; i	÷ .
	WWS - Approve/Issue SSD	26-Jun-08	30-Jun-08		<u>[</u>		<u>;</u>	-	Approve/Issu		1	1	1	, ,	1
WWSSSD1310	WWS - SSD - Complete		30-Jun-08		1		1	• wws	SSD - Compl	lete					;
tiechanical Colos		29-May-08	30-Jun-08			* •	1	1		1	1	}	1	1	1
Construction and the second	and the state of t	29 May 08	30-Jun-08.			;	;	ļ	1	1	1	1	1	;	i .
and the second s	WWS - Prep Mechanical Calos	29-May-08	10-Jun-08			-	ia ₩	S - Prep Me	chanical Cal	cs i		{	1		1
A second contract second se	WWS - Review Mechanical Calca	11-Jun-08	18-Jun-08			1	; 🗆 🛛	WVS - Revi	w Mechanic	el Calce		ł	(, · · · ·	1
The second	WWS - Incorporate Comments Machanical Calcs	19-Jun-08	24-Jun-06		g			°∲WS înd	เอ้ว์ อิโลาอรุ่าด	កំកុំទឹកនៃ Mači	hanical Calci		+	,• · •••	<u> </u>
the second second second second second second second second	WWS - Approve/Issue Mechanical Calcs	25-Jun-08	30-Jun-08		:) !	1 0	⊴iwws-	Approve/lesu	ie Mechanice	l Calca	1	;		÷ .
WWSME1360	WWS - Mechanical Calcs - Complete		30-Jun-08			,	i .	∳wws-	Melchanicel (Cates - Comp	la)e	i.	1	i i	;
Dwga		03-Apr-06 A	30-Jun-08		:))	1	1		1	1	1	1		1
PaiD's		93-Apr-0B A	30 Jun-06			t t	i		i	1		<u>.</u>	Į.	1	÷
WW5ME1370	WWS - Prep P&ID's	03-Apr-08 A	24-Apr-05	• • • • • • • • • • • • • • • • • • • •		WVS - Prep	PAID's						* • • • • • • • •		1
WWSELE1470	WWS - Provide Electrical Input to P&ID's	03-Apr-08 A	24-Apr-08			WS - Prov	ide Elecido	a) input to F	AID's		1	1	1	: · · · ·	1
WWSICE1480	WWS - Provide I&C Input to P&ID's	· · · · · · · · · · · · · · · · · · ·	24-Apr-08			WS - Prev	ide 1&C Inp	ul lo PáiD'i		1	1	1	1	; ; ;	1
WWSME1380	WWS - Internal Review P&ID's	25-Apr-08	08-May-08			www	1 ·	•	- i				•	i i	
WWSME 1390	WWS - Incorporate Comments P&ID's from Internal Review	09-May-08	22-May-08				1	1		's from Interr	Review		1		÷
the second	WWS - Client Review P&IO's	09-Jun-08*	20-Jun-08		4		•	1	i aleview P&	1			÷	<i> </i>	
WWSME1460	WWS - Incorporate Comments P&ID's from Client Review	23-Jun-08	25-Jun-08				1		1	*	; D'\$ from Cilen	Paviev	į.	1	ł.
where the state of the second s	WWS - ApproveAssue P&ID's	28-Jun-08	30-Jun-08				1		Approve/Issu				-		1
the state of a second se	WWS - PålD's - Complete	20-0211-00	30-Jun-08	1			1	1	PålD's - Con			1	i.	i i	i i
			1						1	1	-	;		, i	:
1	WWS - Prep Piping Layout Dwgs	08-Apr-08	30-Jun-08		J		40-2-2				-t		L		l
The second secon	WWS - Review Piping Layout Dwgs	08-Apr-08	21-May-08		1000 BY	v state v	1				į.	÷			1
ATTAC A Design of the second state of the second state		22-Mey-08	09-Jun-05			-	i	,	iping Layout	• T	1	ţ	1	: 1	1
	WWS - Incorporate Comments Piping Layout Dwgs	· · · · · · · · · · · · · · · · · · ·	23-Jun-08					- í			g Layout Dwg		į į	, i	1
the second	WWS - Approva/issue Piping Leyout Dwgs		30-Jun-08				: •	7	1	e Piping Ley		•	1	:	1
1 1997	WWS - Piping Layout Dwgs - Complete		30-jun-08				; 	♦ WWS - I	Piping Layou	t Dwgs - Con	nplete	1	;	i	i
YFS		25-Feb-08 A			1					1					
53D		25-Feb-08 A	10-May-08				1	1	1	1	1	1	;	i i	i.
	YFS - Prop SSO	25-Feb-08 A	10-Apr-08		TYFS-	Prep SSD	-	1	1	1		-			-
be considered and the second	YFS - Provide Electrical Input to \$\$D	25-Feb-08 A	10-Apr-08		T YFS-	Provide Ele	cirical Input	th SSI	1	1		1	1	į	1
N	YFS - Provide 1&C Input to SSD	25-Feb-08 A	10-Apr-08			Provide I&C	Input to S	sģ	1			ł.	;	1	
YF\$\$\$DC1530	YFS - Provide Civil Input to SSD	25-Feb-08 A	110-Apr-08		ti Y⊧s∵	Provide Civ	inpul io S	st				1	h		:
YFSSSD1470	YFS - Review SSD	11-Apr-08	28-Apr-08			YFS - Rev	iew SSC		ļ	i		1		. 1	i i
YF55SD1480	YFS - Incorporate Comments SSD	29-Apr-08	08-May-08		. e	YF\$ -	Incorporate	çommenta	Sec	1	1	1	1		1
YFSSSD1490	YFS - Approve/Issue SSD		19-May-08	i i			s - Approv	diseue SS	c)	i		i	1	i i	1
YFSSSD1500	YFS - SSD - Complete		19-May-08			♦ Y7	\$ -86D-	Complete	1	1	-	1		:	1
•	admonagede and an angenerating and a start of the same and a dome name. If a provide the Madata address and a source on provide a start of the Andress	J			<u> </u>		1. 	· · · · · ·	_i		·	<u>.</u>	i	<u> </u>	<u> </u>
				Progress Energy		10-Apr-0		tev.0		Revision			Checked	Appr	10Ved

	þ	
6.01	international and a second	
 	لمساسط	
<u> </u>		
	A CONTRACT OF A CONTRACT OF	
1	\bigcirc	
1	C >	

,

.

8 Propi	preas		Work A	uthorization - 06	- SCA & LWA Support	ŧ									10-	Apr-08
1		Adday Nillian	See.	Friday	$h \geq 1, h \in \{1,2,3\}, p \in p$		1	in a second second	2009		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					2009
C	Calco		03-Jun-03	30-Jun-08	Feb Alexand	₩ *	Mily	10 (j. 646) - 13	1000 00 000	Aug.	Bep	Cot	Nev	. Ow	- 346	_
100	Mechanical Coles		03-Jun-08	30 Jun-08			P 7		;	ļ	-	1				1
	YESME1510	YFS - Prep Mechanicel Calcs	03-Jun-08	12-Jun-08				The YES	Pren Med	hanical Calcr	1	1		1		1
- 11		YFS - Review Mechanical Calcs	13-Jun-08	20-Jun-08		1		1	· ·	Mechanical	í Celo					÷
0	YFSME1530	YFS - Incorporate Comments Mechanical Calcs	23-Jun-08	20-Jun-08						rporate Com	1	i soloal Cato	-	1		÷
.	YFSME1540	YFS - Approva/Issue Mechanical Calcs	27-Jun-08					1	1	prove/leave						- fee
- 19	YFSME1550	YF8 - Mechanical Cuics - Complete	27-3011-06	30-Jun-08 30-Jun-08						eçhanicsi Cal	,	,				-
ы. Di	2wg9		07-Apr-08	16-Jun-08							-	-				-
_	Pain's	na ann an Arland an Arland ann an Arland br>Ar 1991 - Arland Arland an Arlan	07-Apr-08	29-May-08			((1	-	1	1	1	1	1	1	÷
	YFSME1560	YFS - Prep P&ID's	07-Apr-08*	23-Apr-08	:	(; FS - Prep P	51D's	1		1			1	:	;
.		YFS - Provide Electrical Input to P&ID's	07-Apr-08*	23-Apr-08					input to PAL		4					
50 E	YFSICE1670	YFS - Provide I&C Input to P&ID's	07-Apr-08*	23-Apr-08			FS - Provid	1	5			1	1	1		
김	YFSME1570	YFS - Review P&ID's	24-Apr-08	09-May-08			YFS -		1							
÷.	YFSME1580	YFS - Incorporate Commonis P&IO's	12-May-08	20-May-08			*	i	orate Comm	ents P&ID'i	1	1	;	ļ		i.
報	YFSME1590	YFS - Approve/Issue P&ID's	21-May-08	29-May-08					prove/lssue		1	1	1	r 7		÷
30	YFSME1600	YFS - PAID's - Complete		29-May-08			1	1	D's Comp	1				÷		
7	Piping Layout Dwg		17-Apr-08 \	16- Jun-08					1		1	-		1		÷
	YFSME1610	YFS - Prep Piping Layout Dwgs	17-Apr-08	14-May-08			YFS	, Prep Pipi	ng Leyout D	Ngi	1	1	-	* *	-	÷
	YFSME1620	YFS - Review Piping Layout Dwgs	15-May-08	29-May-08		}	1		view Piping		1	1	1	1		1
闄	YFSME1630	YFS - Incorporate Comments Piping Layout Dwgs	30-May-08	08-Jun-08				; YF8	Incorporate	Comments P	i Iping Leyout	Dwg	1			
8	YFSME1640	YFS - ApproveAssue Piping Layout Dwgs	09-Jun-08	16-Jun-06			; -	- 	S - Approv	Vasue Piping	โ.ลังอมไ Dwg			.	;	
1	YFSME1850	YFS - Piping Layout Owgs - Complete		16-Jun-08					9 - Piping L	ayout Dwgs -	Complet	;	;	i .		1
SCA -	- Civil Structura	al Facilities	11-Feb-08 A	08-Sep-08					1	1	1	1	1	1	•	÷
Draw	wings 30%	s an ann an ann an ann an Arthreachtan an ann an Arthreachtan an an Arthreachtan an Arthreachtan Arthreachtan A An Arthreachtan an Arthreachtan an Arthreachtan an Arthreachtan an Arthreachtan Arthreachtan Arthreachtan Arthr	11-Feb-08 A	05-Sep-08		[1	1			1
. At	ccess Road		11-Fob-08 A	07+Way-08				}	i i			;	-	i		÷
	Horizontal Alignme	nt of states and states	11-Feb-08 A	13 Mar-06 A				L					;	;		
	A1000	Access Roads - Prepare Horizontal Alignment	11-Feb-08 A	26-Feb-08 A	Access Roa	- Prepare	Horizontal	Ålignmer		1	1	:	1	1	1	1
	A1010	Access Roads - Revelw/Comment on Horizontal Alignment	27-Feb-08 A	08-Mar-05 A	Access f	kads - Rev	elw/Camme	șt an Horiz	oʻqtal Alignm	81		1	í.	1		
	A1020	Access Roads - Incorporate Comments on Horizontal Alignment	07-Mar-08 A	12-Mar-08 A	Acces	Roads - II	corporate C	émmenis o	reHortzontal	Alignmei		;	1	1		1
	A1040	Access Roads - Horizontal Alignment Complete	(13-Mar-08 A	+ Acces	s Roads - H	orizontal Al	oment Co	mplet			1	ļ	-		-
	A1030	Access Roads - Approve/asus Horizontal Alignment	13-Mar-08 A	13-Mar-05 A	Acces	Rouds	uprové/issu	Finizonia	i Aligniniai]	[-1
	Vattical Alignment		07-Mar-08 A	10 Apr 08									1	1		1
	A1050	Access Roade - Prepare Variscal Alignment	07-Mer-08 A	25-Mer-08 A			9 - Prepare	(- +					1		1
	A1060	Access Roads - Revelw/Comment on Vertical Alignment	26-Mar-08 A	03-Apr-08 A			í		nt on Venica		1	1	1	1		-
	A1070	Access Roads - Incorporate Comments on Vertical Alignment	04-Apr-08 A	09-Apr-08						Vertical Alig	100			{		
	A1080	Access Roads - Approve/Issue Verilcal Alignment	10-Apr-06	10-Apr-08				ſ.	e Verocal Al	74	}	}	1		, .	
	A1090	Access Roads -Vertical Alignment Complete		10-Apr-08		 Acces 	\$ Roads -Ve	ticel Aligni	mani Compk	rt.	1	1		5 4		÷
	Cross Sections and		04-Apr-08 A	07-May-08			1	1	ł	1	-	1	1	1	1	1
	A1100	Access Roads - Prepare Cross Sections and Typical Sections	04-Apr-08 A	21-Apr-08	i i		•	•		ons and Typic	4	:	1	:		
	A1110	Access Roads - Revelw/Comment on Cross Sections and Typical Sections	22-Apr-08	30-Apr-08			Access Ro)ads - Reve	W/Commen	t on Cross Se	ictions and T	vpicel Sectio	(
7					Progress Energy		De	ite [R	evision			Checked	AD	prove
•							10-Apr-01		lev.0							

,

	esa		Work	Authorization - 0	6 - SCA & LWA Suppor	1				· · · ·			· · ·		10-	Apr-08
		And Alexand	864	fash 2	The second second	41068	5	Angel Magnet	2008	State of State	1			<u> </u>		2009
i.	A1120	Access Roads - Incorporate Comments on Cross Sections and Typical Sections	01-May-08	06-May-08	E Pile S Margie	S. 14	in the second	in gaine	NI .			Ort	Nev	Dec	Aid.	1
	A1130	Access Roads - Approve/Issue Cross Sections and Typical Sections	07-May-08							omments on			a Section			
	A1140	Access Roads -Cross Sections and Typical Sections Complete	107-May-08	07-May-08				1	•	e Gross Sect	1		1		;	1
ite Hei	avy Haul Road			07-May-08		1	i 🗢 Access	Roads -Cri	ośs Saction	a and Typical	I Sections Co	Pelginc	1		1	1
	Rorizantii Allanmo	ont	11-Fcb-08 A				1		1	1		i.	1	1	1	÷.
	A1150	Heavy Haul Roads - Prepare Horizontal Alignment	11-Feb-08 A				1		:		•	į		i i	į	
	A1180	Heavy Haul Roads - Revelw/Comment on Morizontal Alignment		25-Feb-08 A	Henvy Haul	1	1					:				1
ļ.	A1170	Heavy Haul Roads - Incorporate Comments on Horizontal Alignment		06-Mar-08 A	Heavy H	1		i.		- :		1			1	÷
g	A1180	Heavy Haul Roads - Approve/Issue Horizontal Alignment	L	12-Mar-08 A	Heavy	1	1	1	1	ontal Alignm	•		-			÷.
飌	A1190		13-Mar-08 A	13-Mar-08 A	1 1 1	1	da - Approve		1	ner		1	1		1	1
	Vertical Alignment	Heavy Haul Roada - Horizontal Alignment Complete		13-Mar-08 A	+ He∎v	Haul Rose	ds - Hortzonti	d Algamen	t Comple	1		1		1		1
	A1200	Heavy Haul Roads - Prepare Vertical Alignment	07-Mat-05 A			1			;		·					1
-	A1210		07-Mar-08 A		i i i i i i i i i i i i i i i i i i i		Roads - Prej	1			1	1	1	1		:
	A1220	Heavy Heur Roads - Reveiw/Comment on Vertical Alignment	and the second second	03-Apr-08 A	-	r				ertical Algor		i i		i		1
.	A1230	Heavy Haul Roads - Incorporate Comments on Vertical Alignment	04-Apr-08 A	09-Apt-08		Heavy	Heul Roads	- Incorpora	te Commer	nts on Vertica	l Álignme			1	1	1
	A1240	Heavy Haul Roads - Approve/issue Vertical Alignment	10-Apr-08	10-Apr-08		i Heav	Haul Roads	- Approve/	Issue Vertic	aliAlignmet			1	1	1	
		Heavy Haul Roade - Vertical Alignment Complete		10-Apr-08		♦ Heav	Haul Roads	Vertical A	Ipnment Co	inplet	·	-;·····		· • • • • • • • • • • • • • • • • • • •		·
gia ne e			04-Apr-08 A	07-May-08			i i		į		1	1	1	1	1	
<u>الم</u>	A1250	Heavy Haul Roads - Prepare Cross Sections and Typical Sections	04-Apr-08 A	21-Apr-08		╞══╸᠈	leavy Haul R	bads - Prep	are Cross S	Sections and	Typical Sect	lar	Ì	i	÷	
8	A1260	Heavy Haul Roads - Revelw/Comment on Cross Sections and Typical Sections	22-Apr-08	30-Apr-08			Heavy He	Roads - R	¢veiw/Corr	vrijent an Cro	ed Sections :	anjd Typical S	ectio	1	1	1
	A1270		01-May-08	06-May-08			Heavy Heavy H	aul Roads	Incorporat	e Commenta	on Cross Se	dions and T	pical Sectio		;	
.	A1260		07-May-08	07-May-08			TT Heavy)	leul Ronda	Approvel	saus Cross S	actions and	Typical Secti		+	+	
	A1290	Heavy Haul Roads - Cross Sections and Typical Sections Complete		07-May-06			+ Heavy I	sul Roads	Cross Se	ctipns and Ty	pical Section		-	-	1	1
	wy Haul & Pipeline	Bridge	11-Feb-08 A	30-Jun-08						1	1		1		i	1
	Han Vidw		11-Feb-08 A									1			ł	1
	A1300	Heavy Haul & Pipeline Bridge - Prepare the Plan Depicting the Approaches to the Heavy Haul			Heavy Haul	Pipeline 6	Iridos - Prep	are the Plar	Depicting	th ‡ Approach	nes to the He	avy Haut & P	, iþellne Brid:		1	
	A1310	Heavy Haul & Pipelina Bridge - Revelw/Comment on the Plan Depicting the Approaches to the			Heavy Fiz	u 3 Pipeli	né Bridge - A	องัอไพ/Com	ที่เอิก์ ได้ ได้เ	ะที่ไล้ก Depici	ing the Appri	aches (o lhe	Heavy Haul	Na Pipeline /	846	i
	A1320	Heavy Haul & Pipeline Bridge - Incorporate the Plan Depicting the Approaches to the Heavy H								Depicting the						1
		Heavy Haul & Pipeline Bridge - Approve/Issue the Plan Depicting the Approaches to the Heav.	13-Mar-08 A	13-Mar-06 A	t Heavy	Haul & Pip	aăne Bridge	Approve/1	çaus the Pk	ar, Depicting 1	the Approact	nàs to the Hei	vy Haul & F	Pipeline Brid		1
Ĩ		Heavy Haul & Pipeline Sridge - Plan Depicting the Approaches to the Heavy Haul & Pipeline B		13-Mar-08 A						prosches to l						:
	Kvallon View	燃烧器 爱知道你 经不知道的 计电子问题 化口油合金	A 80-10M-70	10-May-08					;	1	1				1	1
		Heavy Haul & Pipeline Bridge - Prepare Evaluation Views on Heavy Haul & Pipeline Bridges		11-Apr-08		Heav,	Haut & Pipe	ene Bridge	Přepáre B	ะ ชุลิเมล์ชังก์ Vie	we on Heav	Hauf & Pipe	ine Brid;	÷		÷
		Heavy Haul & Pipeline Bridge - Revelw/Comment on Evaluation Views on Heavy Haul & Pipeli		29-Apr-08			Неачу Нац	& Pipeline	Bridge - Re	waiw/Comme	nt on Evalue	tion Views or	Heavy Hau	J & Pipeline	Brid	1
		Heavy Haul & Pipeline Bridge - Incorporate Comments on Evaluation Views on Heavy Haul &		09-May-08											Pipeline Brid	å
·	A1380	Heavy Haul & Pipeline Bridge - Approve/Issue Evaluation Views on Heavy Haul & Pipeline Bri.	12-May-08	13-May-08						e - Approve/li						
·		Heavy Haul & Pipeline Bridge -Evaluation Views on Heavy Haul & Pipetine Bridges Complete		13-May-08						e Evaluation						{
He	eavy Haul & Pipelin	no Bridge Prolikes	30-Apr-08	04-Jun-08			• • • • • • •				4			*		<u></u>
	And a function of the state of the state of the	Heavy Haul & Pipeline Bridge - Prepare Heavy Hauf & Pipline Bridge Profiles	30-Apr-08	15-May-06			Head	y Haul & Pi	, þeine Bridg	rd - Prepare I	, Hjaavy Haul 8	, S'Pipline Bride	e Profil	1	1	1
			16-May-08	27-May-08						Bridge - Revi	1 1			e Bridge Pro		1
		Heavy Haul & Pipeline Bridge - Incorporate Comments on Heavy Haul & Pipline Bridge Profiler	28-May-08	03-Jun-08						ne Bridge - In	•					1
	A1430	Heavy Haul & Pipeline Bridge - Approve/Issue Heavy Hauf & Pipline Bridge Profiles	04-Jun-08	04-Jun-08			,		,	nþ Bridge - A	,				1	:
				·····	i					- - -	1			·····	<u>نــــــــــــــــــــــــــــــــــــ</u>	ì
				1	Progress Energy		Dat 10-Apr-08		IV,0	R	evision			Checked	Аррг	roved

.

ģresa		Work /	Authorization - C	08 - SCA 8	LWA Suppor	t	-								10-/	Apr-08 16.01
1.1.1.1.1.1.2.	Activity Manne	Slart	Puist.	Sec. 4 h	Construction - Marian	1995 - 1995		98. X	2004		and in				<u> </u>	009
A1440	Heavy Haul & Pipeline Bridge - Heavy Haul & Pipline Bridge Profiles Complete		04-Jun-08		(Maria	1 AT	May .	A Magazia	M			다. A Pipline Brid	Nev	Dee	Jan	Pob
Ontails & Cross I		28-May-08	Sq-Jun-tik i				1	(• cheary	1 para ripa !	inia oudăn -		a Pipime Bric	ige Probles : ,	Cpmpre		
A1450	Heavy Haul & Pipeline Bridge - Prepare Details & Cross Sections	28-Mey-08	11-Jun-08			[1.		ini Marit & Di			; Details & Cros		1	-	: !
A1460	Heavy Haul & Pipeane Bridge - Revelw/Comment on Details & Cross Sections	12-Jun-06	20-Jun-08	-			· ·	,	1	·, -				Cross Sectio	1	: 1
A1470	Heavy Haul & Pipeline Bridge - Incorporate Comments on Details & Cross Sections	23-Jun-08	27-Jun-08				1							Gross Sectio Islaila & Gros		: 1
A1480	Heavy Haul & Pipeline Bridge - Approve/Issue Details & Cross Sections	30-Jun-08	1 30-Jun-08				• • • • • • • • • •					pirove/lasue			y secno	;
A1490	Heavy Haul & Pipeline Bridge - Details & Cross Sections Complete		30-Jun-08				i -			1	, -	elàiis & Cros	1		1	; /
Aarga Slip		11-Feb-08 A		4					1		ie piloge - o			-ompie	1	1
Location Plan &	Ruinity Plan	11-Feb-08 A		Ĩ			1		1				i -			;
A1500	Barge Slip - Prepare Location Plan & Vicinity Plan	11-Feb-06 A		1	Barge Silp -	Frepare L	ocation Pian	i K Vicinity P		i -			;			;
A1510	Berge Slip - Revelw/Comment on the Location Plan & Vicinity Plan		05-Mar-08 A		Berge G	1				icinity Plu						i
A1520	Barge Silp - Incorporate Commania on the Location Plan & Vicinity Plan	the second second second	13-Mar-08 A			1	porate Com	1		1.4.1	tv Þli	1	1	1	1	
A1530	Barge Slip - Approve/Issue the Location Plan & Vicinity Plan	14-Mar-08 A	14-Mar-08 A	-	, ,	1	prove/issue th	1)	1			į.		1	{
A1540	Barge Slip - Location Plan & Vicinity Plan Complete		14-Mar-08 A		i i	1	ation Plan &		1	1		1	1	1	1	; /
Conditions Plan	的复数化学学校 化化学学 化化学学 化化学学 化化学学 化化学学	07-Mat-08 A	. 1			l .		1	1	1			1	1	1	
A1550	Barge Silp - Prepare Existing Conditions Plan, including Boring Location	07-Mar-06 A	25-Mar-08 A	• • • • • -		arge Sto	Prepare Exi	ling Condi	idns Plan. in	; caudion Aon	ใหล่ ได้สังได้ -	·				l
A1560	Barge Sip - Revelw/Comment on Existing Conditions Plan, including Boring Location	26-Mar-08 A	03-Apr-08 A	-		ł	ilip - Revelw/		1		-) Rotac Laceli		1	1	1
A1570	Barge Silp - Incorporate Commants on Existing Conditions Plan, including Boring Location	04-Apr-08 A					e Silp - Incorp							1	1	
A1580	Barge Slip - Approve/Issue Existing Conditions Plan, including Boring Location	11-Apr-08	11-Apr-08	ł.			e Sip - Appr	1	•	•	,	1		1	1	1
A1590	Barge Slip - Existing Conditions Plan, Including Boring Location Complete		11-Apr-08	ſ		1	e Sip - Exist	2		1				i		
Barge Glip Plan		04-Apt-08 A	22-Apr-08			 -	• • • • • • • • •						4			
A1600	Barge Skp - Prepare Barge Skp Plan	04-Apr-08 A	14-Apr-08	8		L 84	ge Slip - Prep	i pare Barge	, S∥ip Pia						1	
A1610	Barge Slip - Reveiw/Comment on Barge Sip Plan	15-Apr-08	17-Apr-08				inge Silp - Re			e 61 p Pia		1				1
A1620	Barge Slip - Incorporate Comments on Barge Slip Plan	18-Apr-08	21-Apr-08			Ö	Barge Slip - Ir	corporate	, Comments o	n Barge Sir	- File	;	1	1	1	;
A1630	Barge Slip - Approve/Issue Bargo Slip Plan	22-Apr-08	22-Apr-08		{	1	Barga Silp - A	prove/lss	via Barge Sil	p Pla		1	1	1	1	
A1640	Barge Slip - Barge Skp Plan Complete		22-Apr-08	• • • • • • •		• • • •	Barga Silp - E	urge Slo P	len Complet	4					{	
1	Bontabon Control Plan	18-Apr-08	12-May-08	1					į	ł	1	;		-	;	
A1650	Barge Silp - Prepare Erasion and Sectmentation Control Plan	18-Apr-08	29-Apr-08		i i) Barge Slip	Prepare	ipsion and l	sédimentali	on Control P	k i	1	-	:	1
A1650	Barge Slip - Revelw/Comment on Eroston and Sedimentation Control Plan	30-Apr-05	07-May-08				🖵 Barge S	ip - Revel	Commant	on Erosion	and Sedimer	tation Contro	Р		1	
A1670	Barge Slip - Incorporate Comments on Erosion and Sedimentation Control Plan	08-May-08	12-May-08				🗂 Barge	Sip Inco	reorate Com	mients on E	rosion and S	edimentation	Control PI		1	: 1
A1680	Barge Skp - Approve/Issue Erosion and Sedimentation Control Plan	13-May-08	13-May-08				1 Berg	6 Slip - App	vove/isave is	ipsion and	Sedimentatio	on Control Pla				••••••
A1690	Barge Slip - Eroslon and Sedimentation Control Plan Complete	****	13-May-08				♦ Berg	e Slip - Ero	and Sec	limentation	Control Plan	Comple				
Ernsion and Sudin	Motaler Contral Sections and Details	03-May-08	12-Jun-08				1				į	į	1		i i	
A1700	Barge 3lip - Prepare Erosion and Sedimentation Control Sections and Details	08-May-08	23-May-06				: <u> </u>	inge Stp-	Rrepare Ero	sion and Se	dimentation	Cpntrol Section	he and Del	•	i .	
A1710	Barge Stp - Revelw/Comment on Erosion and Sedimentation Control Sections and Details	27-May-08	04-jun-08				- c	🖕 Berge 8	ilip - Revelw	/comment o	on Erosion ai	nd Sedimente	lion Control	Sections and	Oats	
A1720	Barge Slip - Incorporate Comments on Erosion and Sadimentation Control Sections and Detail	05-Jun-08	11-Jun-08					🗂 🖆 Đảng	Slip - Inco	porale Con	vinents on Er	osion and Se	dimentation	Control Sect	ons and Det	
A1730	Barge Slip - Approverfasue Erosion and Sedimentation Control Sections and Details	12-Jun-08	12-Jun-08					1 Barg	🛉 Slip - App	rqva/Issua E	Erdsion and I	Sejdimentation	Cantrol Sec	cijone and De	4.	;
A1740	Barge Skp - Erosion and Sedimentation Control Sections and Details Complete		12-Jun-08				1	+ Barg	e Slip - Eron	Nen and Sec	dimentation (Control Sectio	ns and Dela	ils Comple	1	;
Dieposal Areas		05-Jun-08	30-Jun-08				{		1	1	1			1	1	;
A1750	Barge Slip - Prepare Dispoal Aress	05-Jun-08	18-Jun-08				1	; caa 6	ige Sip-Pi	ispare Disp	oa) Aree	1	i			
				Brann	ess Energy		l Da		· · · · · · · · · · · · · · · · · · ·		Revision		+	Checked	<u> </u>	raved

Progress			Work	Authorization -	05 - BCA 8	LWA Supp	h						•				10	Apr-08 1
			Stort .	Finish			1.000	1. A.C	an Chuil P	2008	i de la	400 (No.		1.2				2009
/ 1	A1760	Barge Slip - Revelw/Comment on Dispost Areas	19-Jun-08	24-Jun-08	F#	Mars		, Marke		🗖 Carge		And the		Cw.	, Nov 1	Det	. Jan	P65
a	A1770	Barge Slip - Incorporate Commants on Disposi Areas	o elena araena a	- de l'anne en la companya de la comp	1	}	5	1					1				1	
.	A1780	Barge SXp - Approve/Issue Disposi Areas	(25-Jun-08	27-Jun-08							1		2	en Dispoal	Area			;
	A1790	Berge Blip - Dispost Areas Complete	130-Jun-08	30-Jun-08			1		1	,			sue Dispo	1		1	1	-
181	19 8 40			30-Jun-08		i i	i l		i i	🔶 Barg	e Slip'- D	isposl Ar	¢as Compl	eł.	1	1	1	1
	n V)ow			13-May-08						1			i i	1	į.		-	÷
1.1.1.1	A1800			03-Mai-08 A	1	1	1						;					
1	A1810	HWY 19 & 40 - Prepare Plan View for imporvements of HWY 19 & 40	and a second second	20-Feb-08 A		HWY 10 & 40	- 11			1			{	1	1			1
1	41820	HWY 19 & 40 - Revelw/Comment on Plan View for Imporvaments of HWY 19 & 40	21-Feb-08 A			HWY 19 &		1					,	-			-	1
		HWY 19 & 40 - Incorporate Comments on Plan View for Imporvements of HWY 19 & 40	27-Feb-08 A	29-Feb-08 A		6 HWY 19 8		•			· · ·			5 A	1		1	-
1	A1830	HWY 19 & 40 - Approve/Issue Plan View for Imporvements of HWY 19 & 40	03-Mar-08 A	03-Mar-08 A				rovenssue					8.4	;				
	41840	HWY 19 & 40 - Plan View for Imporvements of HWY 18 & 40 Complete	1	03-Mar-08 A		i 🛉 HWY 19	å 40 - Plar	n Viêw în fi	nporvemen	is of HWY	19 2 40 0	felqmolet		•••••••		• • • • • • • • • •		
Charlen	valion View		07-Apr-08	13-May-08		[1						:	1	1	;	2	
10 - 10 m	41850	HWY 19 & 40 - Prepare HWY 19 & 40 Elevation Views	07-Apr-08*	23-Apr-08		i i		HWY 19 8	40 - Prepa	ire HWY 19	& 40,Ele	vation Vi	ijaw:	+	1	1	1	-
W	A1860	HWY 19 & 40 - Revelw/Comment on HWY 19 & 40 Elevation Views	24-Apr-08	02-May-08	•	1	1	🛁 HWY 1	9 a 40 - Re	eveiw/Com	ment en l	-IWY 19 8	40 Elevel	ion View	1		i	
A	1870	HWY 19 & 40 - Incorporate Comments on HWY 19 & 40 Elevation Views	05-May-06	09-May-08		1	i i	і 🗖 нм	Y 19 & 40 -	Incerporat	e Conime	ints on H	WY 18 & 4	DElevation \	/iew		1	1
A .	1880	HWY 19 & 40 - Approve/issue HWY 19 & 40 Elevation Views	12-May-08	13-May-08	+	· †	h		AP 19 2 40									• • • • •
A A	1890	HWY 19 & 40 - HWY 19 & 40 Elevation Views Complete		13-May-08		į			NY 19 & 40				1		1	1	1	1
Railroa	ad		11-Feb-08 A										}		-	1		
Hori	izontal Alignm	ient i terretaria de la constante d	11-Fab-08 A		2	1					i		•	1		{	1	
A	1900	Reikoad - Prepare Hotzantal Alignment	e de nomineu d'éclase.	26-Feb-08 A	ا	Railroad - F	repare Ho	¦ nilA fetrosin	amer					1	1	!	1	1
A	1910	Railroad - Revelw/Comment on Hortzontal Alignment		08-Mar-08 A		Raliford	· · ·	-		Alana								
A A	1920	Railroad - Incorporate Comments on Horizontel Alignment	A \$0-1eM-70			,	,	porate Com	,	- 1 ⁰	Kanonk			1		1	1	-
	1930	Reiroed - Approve/Issue Horizontel Alignment	14-Mar-08 A			•	j	ove/Issue H			n Hener da			1				i.
A .	1940	Raikoad - Horizonial Algoment Complete		14-Mar-08 A	1	1	11	whial Ation	1					1	1		-	1
Verti	leal Alighmen		04-Aug-08	08-Siep-08		-	1							1	1		1	1
A 1	1950	Reikroad - Prepare Vertical Alignment	04-Aug-08*		Q		J				<u>L</u>							
	1960	Railtoad - Revelw/Comment on Vertical Alignment		19-Aug-08					1	1				pere Vertical			1	
.	1970	Railroad - Incorporate Comments on Vertical Alignment	20-Aug-06	28-Aug-08		1		1	1	1	1			1	•	rtical Alignme	1	i.
	1980	, Railroad - Approve/Issue Vertical Alignment	29-Aug-08	05-Sep-08	1	i i	9		i.	į	į.	5	;	1	1	is on Vertical	Aighmei	
	1990	Relikoed - Aprilvensole Verdea Algoment	08-Sap-06	08-Sep-08					ł	1				1	Assus Vertic	1. T		
	s Sections	· · · · · · · · · · · · · · · · · · ·		08-Sep-08		!							🔶 Railro	ad -Verlical /	Alignment Co	ompiel	÷	
v.	2000		04-Api-08 A			1	il	1		1				[1	······		1
	2000	Raikoad - Prepare Typical Cross Sections	al man inclusion in		1	1	(I	Reliroed - F	1	1				ł	1	!	ł	:
à		Railroad - Revelw/Comment on Typica Cross Sections	22-Apr-08	30-Apr-08	1		_ _	Reilroad						;	;	ł	:	;
A 1997	2020	Railroad - Incorporate Comments on Typica Cross Sections		97-May-08		;			and - Incorp					η¢	i.	:	1	1
	2030	Ralkoad - Approve/Issue Typice Cross Sections	08-Mey-06	08-May-08		!		•	oad - Appro	'			'n		1	į	ł	÷
	2040	Raikroad - Typical Cross Sections Complete	i	05-May-08	[;	, <u> </u>	🔶 Railr	oad Typic	al Cross Se	ičlioniji Či	omplet						1
	take Structure		11-Feb-08 A	15-Apr-08	1	1	1	1	÷	1				1	ł	;		1
Plan	33 H		11-Feb-00 A	27-Feb-08 A				i	1		į			-	:	;		1
6	2050	RWS intake Structure - Prepare Plan View	11-Feb-08 A	19-Feb-05 A		WS inleke St	recture - Pi	répare Plan	Viev		1	-		1	1	:	:	1
A2	2060	RWS Intake Structure - Revelw/Comment on Plan View	20-Feb-08 A	22-Feb-08 A	8 F	WS Inteke 8	tucture - f	Revelw/Cor	najent on P	lan Via					1		1	
				<u> </u>	Proce	ess Ehergy			Date	<u></u>			vision	L	<u>+</u>	Charles d	4	
								10-Apr-		Rev.0			416100	·		Checked		proved
				1	Łe	evy Site				· · ·			· · · · · · · ·			· · · · ·		

Contential

		Advity Name	AAOIK I	Authonzation -	06 - SCA & LWA Suppo	rt									10-/	Apr-08
-	e ta si si			Preish	San Area and a san and a san a s		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	and the second	2000	<u>a 1. 196</u> .	nstraj (Intel				X	309
	A2070	RWS Inlake Structure - Incorporate Comments on Plan View	25-Feb-08 A	28-Feb-08 4	RWS Intaki	Apr Structure	- locorporate	Comment	an Plan V			0 4	Nev	Dee		
	A2080	RWS Intake Structure - Approve/Issue Plan View		27-Fab-08 A			- i - i				ł	1	1	i		1
	A2090	RWS Intake Structure - Plan View Complete		27-Feb-06 A	-	11	•	,	164				1	{	1	1
i c	ross Sections		25-Feb-08 A					Complete	1	1	1		1	;		i.
	A2100	RWS Intake Structure - Prepare Cross Sections	ومسجود ورجابي			;] 		1	j.	i.	1			ļ	}	!
数・・	A2110	RWS Intake Structure - Revelw/Comment on Cross Sections		18-Mar-08 A			tructure - Pr				1		1	+	1	1
	A2120	RWS Intake Structure - Incorporate Comments on Cross Sections		02-Apr-08 A		1	4			n Gioss Sea		1				1
g	AZ130	RWS Intake Structure - Approve/Issue Cross Sections		14-Apr-08							Crops Section			1		1
	A2140	RWS Inlake Structure - Cross Sections Completa	15-Apr-08	15-Apr-08				1		Cross Sect	lon	1	1	i		1
	ot Plan	Finte indus of data e + orbite Sections Complete	i	15-Apr-08		i] ♦ RY	/\$ Inlake St	ructure - Cr	osis Section	s Completi		ł	1	}		1
	of Print of Exta	volton		19-May-08			1	1	-			1		;	;	1
	A2150	NI Plot Plan - Prepare Foot Print of Excavation		26-Foh-08 A				1		,	1	1			;	
	A2160	NI Plot Plan - Revelw/Comment on Fool Print of Excevation		19-Feb-08 A		•	4	+		1		į	:	4 9	•	
S	A2170	NI Plot Plan - Incorporate Comments on Foot Print of Excevation		21-Feb-08 A		.1				1		1	1	1	1	i.
1	A2180	N Plot Plan - Approve/seue Fool Print of Excevelion		25-Feb-08 A			1			wetk			1			į.
	A2190	NI Plot Plan - Pool Print of Excervation Complete	26-Feb-08 A		,		ssue Foot P			1	1			!		÷
	tots Dootlons &			28-Feb-08 A	• NI Plot Plan	Fool Piln	l of Excavati	iop Comple	f <u>;</u>					;	• • • • • • •	;
	A2200		14-Apr-08	16-May-08				i i	i	1			}	<u>.</u>		1
the second	A2210	NI Plot Plan - Prepare Cross Sections & Details	14-Apr-08*	29-Apr-08		-	NI Piet Pi	sá - Prepar	e Čross Se	rioès & Dete	ull i		1			į.
		Ni Plot Plan - Revelw/Commenti on Cross Sections & Delsits	30-Apr-08	08-May-08			NI Plo	l Plan - Rev	stw/Comm	ention Cross	Sections & D	e(ai	1			1
	A2220	NI Plot Plan - Incorporate Comments on Cross Sections & Details	09-May-08	15-May-08				Piot Plan - I	ncorporate	Comments o	on Órass Sectl	ons & Delai	1			1
	A2230	NI Plot Plan - Approve/Issue Cross Sections & Deteils	15-May-08	16-May-08			1777 î Mi	Plot Plan -	Approve/las	ue Cross Se	cilons & Detai	r .				
	A2240	Ni Plot Plen - Cross Sections & Details Complete		18-May-08			♦ NI	Plot Plan - I	Cripss Secti	one & Delais	Complet	1	1			1
	down Pipe & Dis		11-Feb-08 A	11-Apr-08		·[-		1		1	i				;
- de 1	lgnatont and Dise		11-Feb-08 A	11-Apr-08			1	1	1	1		į	1			1
	A2250	Blowdown Pipe & Discharge - Prepare Alignment and Discharge Details	11-Feb-08 A	11-Mar-08 A	Blowd	wn Pipe &	Discharge -	Prepare Al	ighment an	d Discharge	Dețai	1				1
	A2260	Blowdown Pipe & Discharge - Revelw/Commant on Alignment and Discharge Details	12-Mar-08 A	25-Mar-06 A		Blowdown	Pipe & Dieci	harga Rev	alw/Comm	int on Akonn	në ni and Disci	nerge Deta				į
	A2270	Blowdown Pipe & Discharge - Incorporate Comments on Alignment and Discharge Details	31-Mar-08 A	60-1qA-60		Blowd	own Pipe &	Discharge	Incorporat	e Comments	on Alignment	and Discharg	a Dete			2
	A2280	Blowdown Pipe & Discharge - Approve/Issue Alignment and Discharge Details	10-Apr-08	11-Apr-08		0 810vw	own Pipe &	Placharge	- Approve/	ssije Alignm	entjend Disch	alge Detai				1
	A2290	Blowdown Pipe & Discharge - Alignment and Discharge Details Complete	••••••••••••••••••••••••••••••••••••••	11-Apr-08		· Blow	awn Pipe &	Discharge	- Algnmen	l and Dische	rge Details Co	mple				
	tions 30%	The second s	30-Apr-08	30-Jun-08				į.		1						÷
Barge			30-Apr-08	30-Jun-08				÷	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • •		• • • • • • • • •		
A2	300	Barge Slip - Prepare Orainage Otch Sizing and Erosion Protection of Slope	30-Apr-08	03-Jun-08		1		; 🗇 Barge S	i Slip - Prepa	re Orainage I	i Ditch Sizing al	d Erosion Pri	tection of S	01		í
AZ	310	Barge Silp - Reveiw/Comment on Drainage Ditch Sizing and Erosion Protection of Slope	04-Jun-08	17-Jun-08			;	•		•	ment on Drain	1		•	no í Sio	
	320	Berge Slip - Incorporate Comments on Drainage Ditch Sizing and Erosion Protection of Slope	18-Jun-08	24-Jun-06							• Çomments d					Slo
	330	Barge Slip - Approve/Issue Drainage Ditch Sizing and Erosion Protection of Slope	25-Jun-08	30-Jun-08				•		*	; e/iseue Draina					;
	340	Barge Slip - Drainage Ditch Sizing and Erosion Protection of Slope Complete		30-Jun-08					•		e Öltch Sizing		F 1			
A - C	ivil Structure	al-Facilities	11-Feb-08 A	23-Jun-08				1	1	1.	1					
Drawing		a na sana a na ana manana ana ana ana ang ang ang ang ang an	11-Feb-08 A	and the second			,	1								
. NI Dev	valoting Plan		11-Feb-08 A	13-Mar-08 A					1		i	:		:		
A2:	350	Prepare NI Dewalering Plan Dwgs	11-Feb-08 A	a data manager dana a sa sa sa sa	Prepare N) Dewatering	Plan Dws	;	1	1		1	r			
				L				<u>i</u>	-i	<u> </u>	- i	1				L
					Progress Energy		Da	ite 👘			Revision			Checked	Appr	oved

.

CONFLENTIAL

.

06 - SCA & LWA Support	
	10-Apr
The second se	2004
Review M Dewatening Plan Dwg	Chill New Dee Jen
I Incorporate Comments Ni Dewetering Plan Dwg	
Approverissue Ni Dewatering Plan Dwg	
♦ NI Devratering Fish Dwgs - Completion	
completion and the second	
Hispare NI Sirvetural Qualification of Retaining Wa	
Review NI Structural Qualification of Retaining We	
a Incorprote Comments Nt Structural Qualification of Retaining	
Approvedssue NI Structural Qualification of Retaining Wa	
Approve/Issue NI Structural Qualification of Retaining We	
Prepare NI Retaining Wall for Dewatering Dwg	
Review NI Retaining Wall for Dewsterring Dwg	
Incorporate Comments N Retaining Wall for Dewate	
B Approve/sevie NI Retaining Well for Dewstering Ow	
 NI Retaining Wall for Dewatering Dwgs - Complet; 	
Prepare NI Concrète Erection Spe	
C Review Ni Concrete Erection Spe-	
I Incorporate Comments NI Concrete Erect	
0 Approva/issue NI Concrete Erection Spa	
Ni Concrete Erection Spec - Camplet	
Prepate NI Earthwork Spee	
Review Ni Earlinwork Sper	
0 Indorporate Comments NI Earl	
C Approve/Issue NI Earthwork	
 NI Earthwork Spec - Complet 	
Issue ESSOW's, Evaluate Subcentractors & Award Sub	
1 Mobilize Surveyors to Site	
[고] Survey & Stake Initial Boring & Testing Location	
p Mobilize Drilling Contracto	
Perform Lab Testing Soil S	hoae
Weekly Status Updates and	le Shaw Engineering Products for the Parmit Applicat
Progress Energy Date	
10-Apr-05 Rev 0	Checked Approved
Progress Energy Dete Revision	

		Work A	Uthorization - (96 - SCA & LWA Sup	port									10-A	pr-08 16:0
o	Addition Remains the second	Start	7 mph					7004	<u>16 6 0</u>	N 2 2 2 2 2	1. C.			20	
Outline for Geolec	h Report/Investigations/ Lab Tests for BOP	24-Jun-08	30-Jun-08	Fab Hat	<u></u> 1	S MARK	- AB	M	201	<u> </u>	0¥	Nov	0++	Jan .	Peb
GE0120	Outline for Geotech Report/Investigations/Lab Tests for BOP	24-Jun-08	30-Jun-08	· ;	- H		; ,	; Outline to	¦ NGeolech B	eport/investi	instinut eh '	Their for BO		1	1
Report for Pumpin	g Tests - Hydrogeology Engineering Parameters/Grouting/Dewatering Systems	11-Feb-08 A		-}		}	1 -		1						
GE0130	Prepare/Issue ESSOW for Pump Testing	new reasons and	27-Feb-08 A	Prepare		; W for Pump T	estinc		1		1	i	1	2	i
GEO210	Evaluate Subcontractors & Award Subcontract	n haar ahaa ahaa ahaa ahaa ahaa ahaa aha	11-Mar-08 A	, i	kata Subca	ntrectors & Av	ward Subcon	trac		ł	ţ	i i	1 		
GEOZ20	Obtain Permits for Well Installation & GW Dischurge		20-Mar-08 A		Obtain Perr	nits for Well Ini	i stafabon & G	W Diecherg				÷	<u>.</u>		
GEO230	Mobilize Contractor to Site		27-Mar-08 A	1 1	1	Contractor to a	1	1			į				1
GEO250	Perform Pump Test	24-Mar-08 A	1 Construction 1 Line			; Perform Pump		1	÷	i i	ļ	1		-	:
GED240	Install Pump Tast Well & Piezometera	28-Mar-08 A				nstall Pump Te	, sát Well & Pie	zometen		-	1	}	1		ł
GEO260	Damobiliza Confractor	21-Apr-08	22-Apr-08		- 11	Demobilize C	1	Ĩ.				1			
GEO270	Analyze Tast Data & Prepare Draft Report	24-Apr-08	05-Jun-08	h		<u> </u>	1	Tast Dala I	Prepare D	rait Repo:		4		. 	;
GEO280	Review Draft Pumping Test Report	06-Jun-08	18-Jun-08	1			4	view Draft P	1	1	1	1	1		1
GEO290	Revise & Issue Pump Testing Report	19-Jun-06	30-Jun-08						•	Testing Rep	i Idr				
Comments from Re	eview of LWA Request & COLA FSAR Ch. 1 & ER Sections 2 & 4	11-Feb-08 A	130-Jun-08			1					i			}	
GEO140	Phase 1 Geotach/Environ Project Support	11-Feb-08 A				<u>}</u>		Phase 1 (Seolech/Env	Inon Project	Suppo:	1	-	1	
GEO320	Progress/MT Provide Draft ER Sections 2 & 4	1	02-Apr-08 A		Progre	ssiyot Provide	, Drah ER Se	chons 2 &	• • • • • • • • •		·••••••				+
GEO300	Progress//VT Provide Draft FSAR 2.4.12 & 2.5	11-Feb-08 A			1	1	; Drogress	JVT Provid	e Draft FSA	F 2.4.12 & 2	j.	}	}	}	
GEO330	Review Draft ER Sections 2 & 4	28-Mar-08 A			and the second second	Review D	at ER Sect	:	-	-	1	{	-	;	i i
GEO310	Review Draft FSAR Chapter 2 Sections	28-Mar-08 A	12-May-08			Revi	ew Oraft FSA	, √R Chapter 2	, 2 Sectioni		1	1		-	1
Geolech Englneeri	ng & Environmental Impact Mitigation & Monitoring Commitments	21-Apr-05	30-Jun-08			2	1	1	1			1			
GEO150	Summarize Comments & Eng/Constr Commilments (FSAR)	21-Apr-08*	16-Jun-08				initia Ser	ก่อวี ยรไกลกก่อ	mmints a E	ng/Constr Co	วี่สำเภิยีเกิดไรโป		.		
GEO340	Summarize Comments & Eng/Constr Commitments (ER)	21-Apr-08*	16-Jun-08		c		Sur	tonarize Cor	miments & E	wa/Constr Co	ómimenis ((ĘR	1		1
GEO350	Issue Comments & Commitments Summary (FSAR)	17-Jun-08	30-Jun-08				:	lissue Con	ments & C	ommitments	Summery (F	SAR		-	{
GE0360	Issue Comments & Commitments Summary (ER)	17-Jun-08	30-Jun-08				}	Issue Con	riments & Ci	ommitments	Śummery (E	R	;	1	1
SCA Construction	n Support	11-Feb-08 A	30-Jun-08			1	1	į	į	-		1			Į.
CON100	Construction Schedule	11-Feb-08 A	30-Jun-08		<u>••¦{-••</u> -			Construct	ion Schooul	d		******	;		
CON110	Management Processes, Procedures, Labor & Subcontracts	11-Feb-08 A	30-Jun-08				<u>.</u>	Managem	ent Process	as, Procedu	res, Laber &	Subcontract		ł	1
CON120	Construction Building & Facilities	11-Feb-08 A	30-Jun-08		<u></u>			Construct	ion Building	L'Facilities					
CON130	Module Management, Assembly Pads & Laydown Areas	11-Feb-08 A	30-Jun-08					Module M	anegement,	Ássembly P	ads & Leydo	ŵn Arer	÷	-	-
CON140	Underground Systems & Utilities	11-Feb-08 A	30-Jun-08	[· · · · · · · · · · · · · · · · · · ·	<u>.</u>	Undergrou	und Systems	L Utilities	;	i.			
CON150	Support Design Engineering	11-Feb-08 A	30-Jun-08				<u> </u>	Support D	Sealon Engin	eening				(!	
CON150	Roada Heavy Haul Roads, Parking Lots, Railroads & Ganeral Laydown Areas	11-Fab-08 A	30-Jun-08				÷	Roads He	avy Haul Ro	ads, Parking	Lols, Railro	ads & Gener	al Laydown	Åre .	
CON115	Excevation Backfill, Diaphragm Wall Lampson Pad	11-Feb-08 A	30-Jun-08		- <u>1</u>		1	Excevatio	n Beckfill, D	iaphragm Wa	al Lampson I	ri.	1		1
LWA Constructio	(i) I have a second a second to the second to second for a second s second second s Second second se Second second sec	11-Feb-08 A	30-Jun-08			ţ	-		1	÷	1		-		i
CON170	Excevation Backfill, Diaphragm Wall Lampson Pad	11-Feb-08 A	30-Jun-08				1	Excavation	n Beckfill, D	laphragm Wa	ali Lampson I	P _a	:	1	:

· ·

A Review	A SHARE RELEASE THE ALL SHARE AND A DESCRIPTION OF A	Contractor 42	Brandalad Bla	et an and the state of the state of the	COLA Review Schedula	17-Mer-06 10:56
	we that we prove the	Complete	Ourston 2	· 新闻和社会社会		Apr. 200 24 225 400 2 21 20 21 21 22 21 22 22 22 22 22 22 22 22 22
vy COLA Rev	riew		31 07-	Jan-08 A 23-Apr-08		23-Apr-0
Task 11- Admir	nistration		31 07-	Jan-06 A 23-Apr-08	·····	23-Apr-0
AT11001	Begin Tesk 11	100%	0 07-	Jan-06 A	● Begin Task 11	
RAT11050	COLA Package to SS&W	59%	31 07-	Jan-08 A 23-Apr-08		
AT11060	Management & Administration	59%	31 07-	Jan-08 A 23-Apr-08		
Site Characteri	stics - Chapter 2		20 09-	Jan-08 A 23-Aþr-08	· · · · · · · · · · · · · · · · · · ·	23-Apr-0
Site Characteris	tics - Chapter 2.4	e neter men de ser	11 28-	Mar-08 14-Apr-08		14-Apr-08, Sils Charac
RAT11095	Chapter 2.4 of COLA sent to SS&W	0%	0	26-Mar-08*		 Chapter 2.4 of COLA seni to SS3W
AT11134	Internal Discipline Review of Chapter 2.4 of COLA	0%	5 02-	Apr-08 09-Apr-08		
AT11145	internal Independent Review of Chapter 2.4 of COLA	0%	5 03-	Apr-08 10-Apr-08		
AT11055	Prepare Chapter 2.4 comments for transmittal to client	0%	1 10-	Apr-08 11-Apr-08		o l
DAT11045	Transmit Chapter 2.4 comments to	0%	5 11.	Apr-08 14-Apr-08		
AT11106	Chapter 2.4 of COLA - Complete	0%	0	14-Apr-08		◆ Chapter 2.4 of COLA -
Site Characteris	tics - Chapter 2.5			Jan-08 A 23-Apr-08		Z3-Apr-0
	Istics - Chapter 2,5.1			Jan-08 A 30-Jan-08	30-Jan-06 A, Site Characteristics -	Chapter 2.5.1
RAT11105	Chapter 2.5,1 of COLA sent to SS&W	100%	0	09-Jan-08 /	Chapter 2.5.1 of COLA sent to SS&W	
AT11144	Internal Discipline Review of Chapter 2.5,1 of COLA	100%	0 09-	Jan-06 A 21-Jan-06 /		
AT11185	Internal Independent Review of Chapter 2.5.1 of COLA	100%	0 10-	Jan-08 A 25-Jan-08 /		
AT11205	Prepare Chapter 2.5,1 comments for transmittal to client	100%	0 29	Jan-08 A 29-Jan-08 /	•	
DAT11055	1 Transmil Chapter 2.5.1 comments to client	100%	0 30-	Jan-08 A 30-Jan+08 /	I I	
AT11115	Chapter 2,5,1 of COLA - Complete	100%	¢	30-Jan-08 /	Chapter 2.5.1 of COLA - Complete	
	islics - Chapter 2,5,2		11 28-	Mar-08 14-Apt-08		14-Apr-08. Site Charac
RAT11115	Chapter 2.5.2 of COLA sent to SS&W	0%	0 	28-Mar-08*		◆ Chapter 2.5.2 of COLA sent to SS&W
AT11154	Internal Discipline Review of Chapter 2.5.2 of COLA	0%		Apr-08 09-Apr-08		
AT11245	Internal Independent Review of Chapter 2.5.2 of COLA	0%	5 03-	Apr-08 10-Apr-08		
AT11265	Prepara Chapter 2.5.2 comments for transmittal lo client	0%	1 10-	Apr-08 11-Apr-08		
1	for the second second				L	

The second state of the second	* Kenter Kr				COLA Review Schedula 17-Mar-08 10:56	1 1
· · · · · · · · · · · · · · · · · · ·	Physical wir Complete	Remaining	o Sterl - Sterl	Firsh P		< T
er 2.5.2 comments to	0%			14-Apr-08		
f COLA - Complete	0%			14-Apr-08	◆ Chapler 2.5.2 of COLA	1
2.5.3			1 26-Mar-08	10-Apr-08	10-Apr-08, Site Cherecteristic	Same &
f COLA sent to SS&W	0%			26-Mar-08*	 Chapter 2.5.3 of COLA seni to SSAW 	
na Review of Chapter	0%	S	5 31-Mar-08	07-Apr-08		
ndent Review of NCOLA	0%	5) [5 01-Apr-08	08-Apr-08		
er 2.5.3 comments for ent	0%	1	1 08-Apr-08	09-Apr-08		CLO -
er 2.5.3 comments to	0%	1	09-Apr-08	10-Apr-08		1
r COLA - Complete	0%	1 01	í	10-Apr-08	♦ Chapter 2,5,3 of COLA - Com	1
454		4	05-Apr-08	23-Apr-08	¥	1
COLA sent to SSAW	0%			08-Apr-06*	◆ Chapter 2.5.4 of COLA sent to S	
ne Review of Chapter	0%	5	5 11-Apr-08	18-Apr-08		1
ident Review of COLA	0%	5	5 14-Apr-08	21-Apr-08		1
r 2,5,4 comments for ent	0%		21-Apr-08	22-Apr-08	•	1
er 2.5.4 comments to	0%	i t	22-Apr-08	23-Apr-08	a	1
COLA - Complete	0%			123-Apr-08	◆ Chepier	I
		تا ليوكم ويتحدث الم	07-Jan-08 A	- A - A - A - A - A - A - A - A - A - A	V 10-Apr-08, Environmental Re	í.
		have a second se	07-Jan-08 A	and the latent sectors are as	17-Jan-08 A, Environmental Report - Chapter 1	ı.
COLA sent to SS&W	100%	۹	1	07-Jan-08 A	♦ ER Chapter 1 of COLA sent to SSEW	(¹
e Review of ER	100%		06-Jan-05 A	15-Jan-08 A		í.
dent Review of ER	100%	0	10-Jan-08 A	14-Jan-08 A		1
opter 1 comments for ent	100%	0	17-Jan-08 A	17-Jan-08 A		i
apter 1 comments to	100%	0	17-Jan-08 A	17-Jan-08 A	•	ł
GOLA - Complete	100%	0		17-Jan-08 A	● ER Chapter 1 of COLA - Complete	1
r 2			in the same second second	10-Apr-08	🗸 10-Apr-06, Environmental Re	i
COLA sent to SS&W	0%		í , , , , , , , , , , , , , , , , , , ,	26-Mar-08*	◆ ER Chapter 2 of COLA sent to SS&W	i
Actual Work	Criticr	-l Remainin	Work		Page 2 of 4 TASK Rher: All Activities	i
Remaining Work ♦		-	/ WOIR			,
			-	-	-	

.

.

A Review						COLA Review Schedule	17-Mar-08 10:56
MA ST SAL	Activity Name	Physical %	Remaining	Start .	Eldish - U.S.	n en sen danuary 2006 same en sen anno an san sen sen sen sen an sen sen sen sen sen sen sen sen sen se	2008xxxxAdaaladaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
	Activity Name : 1	Complete				16-1 - 07251 - 14-5 - 29218 20-7 - 4004 501122 - C11070 - 402340 - F-032-5 - 5107	217 1 24 M 25 31 1 2076 14 21 28
AT11775	Internal Disciplina Review of ER Chapter 2	0%	5	31-Mar-08	07-Apr-06		
AT11785	Internal Independent Review of ER Chapter 2	0%	5	01-Apr-08	08-Apr-05		
AT11795	Prepare ER Chapter 2 comments for transmittel to client	0%	1	08-Apr-08	09-Apr-08		D
DAT11745	Transmil Final ER Chapter 2 comments to Progress Energy	0%	1	80-Apr-08	10-Apr-08		Ð
AT11805	ER Chapter 2 of COLA - Complete	0%	Ō		10-Apr-08		♦ ER Chapter 2 of COLA - Co
Environmental	Report - Chapter 3	·	0	30-Jan-08 A	11-Feb-08 A	11-Feb-08 A, Environmental Report - Chapter 3	
RAT11715	ER Chapter 3 of COLA sent to SS&W	100%	0		30-Jan-06 A	♦ ER Chapter 3 of COLA sent to SS&W	
AT11815	Internal Discipline Review of ER Chapter 3	100%	0	31-Jan-08 A	06-Feb-08 A		
AT11825	Internal Independent Review of ER Chapter 3	100%	Ď	01-Feb-08 A	04-Feb-08 A	-	
AT11835	Prepare ER Chapter 3 comments for transmittel to client	100%	0	11-Feb-08 A	11-Feb-08 A	a	
DAT11755	Transmil Final ER Chapter 3 comments to Progress Energy	100%	0	11-Feb-08 A	. 11-Feb-08 A	°⁺ ₽	
AT11845	ER Chapter 3 of COLA - Complete	100% [0	·	11-Feb-08 A	♦ ER Chapter 3 of COLA - Complete	
Environmental	Report - Chapter 4		11	24-Mar-08	08-Apr-08		08-Apr-08, Environmental Report
RAT11725	ER Chapter 4 of COLA sent to SS&W	0%	0		24-Mar-08*		♦ ER Chapter 4 of COLA sent to SS&W
AT11855	Internal Discipline Review of ER Chapter 4	0%	5	27-Mar-08	03-Apt-08		
AT11865	Internal Independent Review of ER Chapter 4	0%	5	28-Mar-08	04-Apr-08		
AT11875	Prepare ER Chapter 4 comments for transmittal to client	0%	\$	04-Apr-08	07-Apr-08		
DAT11765	Transmit Final ER Chapter 4 comments to Progress Energy	0%	1	07-Apr-08	08-Apr-08		٥
AT11885	ER Chapter 4 of COLA - Complete	0%	ò		08-Apr-08		ER Chapler 4 of COLA - Comp
WA & Site R	edress Plan		11	08-Apr-08	23-Apr-08		23-Apr-0
RATITOES	LWA & Sile Redress Plan of COLA sent to SS&W	0%	0	polisian isotan nelisian di 	08-Apr-08*		♦ LWA & Site Redress Plan of CO
AT11395	Internal Discipline Review of LWA & Site Redrass Plan	0%	5	11-Apr-08	18-Apr-08		
AT11405	Internal Independent of LWA & Site Redress Plan	0%	5	14-Apr-08	21-Apr-08		
AT11415	Prepare LWA & Sile Redress Plan comments for transmital to client	0%	1	21-Apr-08	22-Apr-08		o

A Review			<u> </u>			COLA Review Schedule		17-Mer-08 10;5
	Activity Name	Physical %		Start (d	Finish	Terrer (1997) 1993 - Constant State (1997) 1993 - Constant State (1997)	8 125 1 03 F	
DAT11425	Transmit LWA & Site Redress Plan comments to Progress Energy	0%	1	22-Apr-08	23-Apr-08			
AT11435	LWA & Site Redress Plan of COLA - Complete	0%	0		23-Apr-08			◆ LWA & :
Auxillary Sys	stems - Chapter 9		11	08-Apt-08	23-Apr-08,			23-Apr-0
RAT11145	Auxillary Systems Chapter 9 of COLA sent to SS&W	0%	0	he d'antena orantar a	08-Apr-08*			Auxillary Systems Chapter 9 of
AT11155	internal Discipline Review of Auxiliary Systems Chapter 9	0%	5	11-Apr-08	15-Apr-08			
AT11165	Internal Independent Review of Auxillary Systems Chepter 9	0%	5	14-Apr-08	21-Apr-08			
AT11175	Prepare Auxillary Systems Chapter 9 comments for transmittel to client	0%		21-Apr-08	22-Apr-08			D
DAT11205	Transmit Auxiliary Systema Chapter 9 comments to client	0%		22-Apr-08	23-Apr-08			0
AT11215	Auxillary Systems Chapter 9 of COLA - Complete	0%	0	· · · · · · · · · · · · · · · · · · ·	23-Apr-08			♦ Auxiliary
OLA Review	w Completion	1	0	23-Apr-08	23-Apr-08			▼ 23-Apr-0
AT11090	COLA Reviews - Complete	0%	0	·	23-Apr-08			♦ COLA R

ı.

.

PAGES 1 - 3 REDACTED

LA Review				1				COLA Review 8	Schedule 11-Feb-08
8	Activity Name	Physical %	Remaining	Budgeted	Remaining	Rescure	e Start	Elnish & Mi	
and the second s		arcount it							A 100 BOUND 2008 10 CONTRACT TO DUM 2008 10 CONTRACT 2008
evy COLA Re			51	799	G82		07-Jan-08 A	23-Apr-08	
Task 11- Admi	Inistration	3 . T	81	[80]	121	i an	074/eh-08 A	234Apr-08	
AT11001	Begin Task 11	100%	0	0		iki i fanîseka are. Î	07-Jan-08 A	an fi indiana line tamat	Begin Task 11
DATILORO		<u>.</u>	ام مۇر مەرمە يەرب			i deservations and			
RAT11050	COLA Package to SS&W	33%	51	0	٥	;	07-Jan-08 A	23-Apr-08	
AT11060	Management & Administration	33%	51	180	121	1.0	07 1 75 4		
	1				,21		07-Jan-08 A	23-Афт-08	
	istics - Chapter 2		19	248	225		09-Jan-08 A	18-Apr-08	
	stics - Chapter 2.4	· · · · · · · · · · · · · · · · · · ·	11	92	S2		28-Mar-08	14-Apr-08	18-Apr-
RAT11095	Chapter 2.4 of COLA sent to SS&W	0%	O	0	o	••••••		28-Mar-08	
AT11134	Internal Discipline Review of Chapter								♦ Chapter 2.4 of COLA sent to SS&W
	2.4 of GOLA	0% (5	40	40	EGE, CSE1	02-Apr-08	09-Apr-08	
				ļ			1		
AT11145	Internal Independent Review of Chapter 2.4 of COLA	0%	8	40	40	CE	03-Apr-08	\$0-Apr-08	
	2.4 or COLA	1		-		1			
AT11055	Prepare Chapter 2.4 comments for	0%				LE	10-Apr-08		
	transmittal to client		1	1				11-Apr-08	
DAT11045	internet and a second second second second		سولية ۲۰۰۰ م						
DA111045	Transmit Chapter 2.4 comments to client	0%	1	4	4	DOC	11-Apr-08	14-Apr-08	
AT11105	Chapter 2.4 of COLA - Complete	0%			0			14-Apr-05	
			1	•	Ů		į	I - Apr-us	♦ Chapter 2.4 o
	itics - Chapter 2,5		19	156	134		, 09-Jan-08 A	18-Apr-08	18-Apr-0
	Istics - Chapter 2,5.1		0	22	0		09-Jan 08 A	30-Jan-08 A	30-Jan-08 A, Sile Cheracteristics - Chapter 2.5,1
Ren i lug	Chapter 2.5.1 of COLA sent to SS&W	100%	0	0	0		1	09-Jan-08 A	◆ Chapter 2.5,1 of COLA sent to SS&W
AT11144	Internal Discipline Review of Chapter	100%	······································	si		EGE	(De Jan-DA A	21-Jan-08 A	-1
	2.5.1 of COLA	1		1			1	1	
AT11185	Internal Independent Review of Chapter	400m		· · ·				[
	2.5.1 of COLA	100%	0	5	P	CE	10-Jan-08 A	25-Jen-08 A	
-	L							-	
AT11205	Prepare Chapter 2.5.1 comments for transmittel to client	100%	0	8	0	LE	29-Jan-08 A	29-Jan-08 A	
	, Ganerace) to caent	i i							
DAT11055	Transmit Chapter 2.5,1 comments to	100%			· · · · · · · · · · · · · · · · · · ·	DOC	30-Jen-08 A	10 100 08 4	
	client			1	1	000	30-3411-00 A	30-38/1-08 M	1 • I
AT11116	Chapter 2.5,1 of COLA - Complete						I •**• 1. 1	1 	
	Complete 2.5, 1 of COLA - Complete	100%	0	0	0			30-Jan-08 A	 Chapter 2.5. of COLA - Complete
Sile Characteri	stics - Chapter 2.5.2		17	28	28		28-Mar-08	14-Apr-08	
	Chapter 2.5.2 of COLA sent to SS&W	0%)	0	0	0			26-Mar-08*	14-Apr-08, Sili
	l ser sur sono se con a da								Chapter 2.5.2 of COLA sent to \$\$649
AT11154	Internal Discipline Review of Chapter + 2.5.2 of COLA	0%	5	8	8	EGE	02-Apr-08	09-Apr-08	
			-]					
	Internal Independent Review of	0%	5	8	8	¢E	03-Apr-08	10-Apr-08	
	Chapter 2.5.2 of COLA	i.		ł	i				
let the second second		· · · · - · ·			(
	Effort Actual Work	Critical R						Page 1 of 4	
 Remaining Lavel o 	Actual Work Lense	ANN UNCAL R	emanning vo					- ege i pi e	4 TASK filter: All Activities

Review									COLA Review 8	chedule	11-Feb-05 09:12
		Activity Name	Physical %	Remaining	/ Budgete	d Remain	ng Resout	ce Start	Finish	Visionary 2008	February 2008 And Point Active March 2008 State
AT	11265	Prepare Chapter 2.5.2 comments for	0%	1	NOT ON	8	8 LE	10-Apr-08	11-Apr-05	107年1年1月至1月21日 1月26年1月40日	211 31 07 11 21 22
		transmittal to client									
DA	AT11085	Transmil Chapter 2.5.2 comments to client	0%			•	4 DOC	11-Apr-08	14-Apr-08		
		Chapler 2.5.2 of COLA - Complete	0%	0		0	o	· +· - · · · · · · · · · · · · · · · · ·	14-Apr-08		◆ Chapter 2.5.2 of CC
		Slics-Chapter 253 Chapter 2.5.3 of COLA sent to SS&W	0%	11	2	3	28	24-Mar-08	08-Apr-08 24-Mer-08	4	08-Apr-08, Sile Characteris
		1		¥		• (U	1	24-(VIBI-UQ.		♦ Chapter 2.5.3 of COLA sent to SS&W
AT.	11164	Internal Discipline Review of Chapter 2.5.3 of COLA	0%	5		B	8 EGE	27-Mar-08	03-Apr-06	· ·	
AT	11305	Internal Independent Review of Chapter 2,5.3 of COLA	0%	5		8	a CE	28-Mar-08	04-Apr-08		
AT	11325	Prepare Chapter 2,5,3 comments for irensmittal to c#ent	0%	1			I LE	04-Apr-08	07-Apr-08		
DA	T11075	Transmit Chapter 2.5.3 comments to client	0%	1		•	4 DOC	07-Apr-08	08-Apr-08		٥
		Chapter 2,5.3 of COLA - Complete	0%	0			°		08-Apr-08		◆ Chapter 2.5.3 of COLA - Co
		istics - Gliapter 2.5.4 Chapter 2.5.4 of COLA sent to SS&W	0%	11 0	7		78 0	03-Apr-08	15-Apr-08 03-Apr-08*		◆ Chapter 2.5.4 of COLA sent to SS
AT	11174	Internal Discipline Raview of Chapter 2.5,4 of COLA	0%	5	4		IO EGE, CSE1	08-Apr-08	15-Apr-08		
AT	11365	Internal Independent Review of Chapter 2.5.4 of COLA	0%	5	21	1	K CE	09-Apr-08	16-Apr-08		
AT	11385	Prepare Chapter 2,5,4 comments for transmittal to client	0%	1		5 1	8.LE	16-Apr-08	17-Apr-06		D
DA		Transmit Chapter 2.5.4 comments to client	0%	\$			4 DOC	17-Apr-08	18-Apr-08		o
AT	11146	Chepter 2.5.4 of COLA - Complete	0%	0	{		0	-	18-Apr-08		♦ Chapter 2.5,4
		Report (ER)		33	18	1	5	والمتحد المتحد المحاصر	28-Mar-08		28-Mar-08, Environmental Report (ER)
RAT1		Report - Chapter 1 ER Chapter 1 of COLA sent to SS&W	100%	D	20	************************	0	07-Jan-08 A	17-Jan-08 A	FR Chapter 1 of COLA sent to SS&W	Report - Chepter 1
						de menser			.i		
AT117	725	Internal Oiscipline Review of ER Chapter 1	100%	0			OIEGE	06-Jen-08 A	15-Jan-06 A		
AT117	745	Internal Independent Review of ER Chapter 1	100%	0			0 CE	10~Jan-08 A	14-Jan-08 A		-
		i na sana sa sa sa		•• •	· ·	· - · · ·	L		· · · · · · · · · ·		1

LAT	Review							Ċ	OLA Review Sc	hadula	11-Feb-08 09
ID.	40 80 DOM	Activity Name	Physical %	Remaining	Budgete	d Remainir	g Resour	te Start :	Finish	Valuence 2008 20 States Constant	abuery 2008. April 2008
1	"你"来"小学"		Complete	Duration	Labor Unit	a Laba Uni	e Derit	和全地有些	のなるので	2023日秋月月之11世前28回1191	影化的。图18%、例25%)》》。03次)。图032 图47章 图24%(图31条)例 07.5 图 14.4 图 21.5
	AT11755	Prepare ER Chapter 1 commente for	100%	0		4	0 LE	17-Jan-08 A	17-Jan-08 A	1	
		transmittal to client						1			
	DAT11735	Transmil ER Chapter 1 comments to	100%	0		4	DOC	17-Jan-08 A	17-Jan-08 A	T	
	54711703	Progress Energy		; Ī			-	1			
											44.
	AT11765	ER Chapter 1 of COLA + Complete	100%	0		0	01	1	17-jan-08 A	ER Chapter 1 of COLA - Com	piere
<u> </u>	Environmental I	Report - Chapter 2		11	5	8 5	9	12-Mar-08	28-Mar-05		7 28-Mar-08, Environmental Report - Ch
Γ	RAT11705	ER Chapler 2 of COLA sent to SSAW	0%	0		0	0	-	12-Mar-08*		ER Chapter 2 of COLA seni to SS&W
		· ·									
	AT11775	Internal Oiscipline Review of ER Chapter 2	0%	5	34	0 3	O EGE	17-Mar-08	25-Mar-08		
		Chapter 2					1		1		
} ···	AT11785	Internal Independent Review of ER	0%	S	1	8 1	6 CE	18-Mer-08	26-Mar-08		
		Chapter 2				1			4		
	AT11795	Prepare ER Chapler 2 comments for	0%	·		9	PILE	26-Mar-08	27-Mar-08		
1	A111783	transmittal to client	47	· ·	'	•	1		2		
						1 • 0 - 1 • 1 • •					n
	DAT11745	Transmit Final ER Chapter 2 comments to Progress Energy	0%	- 1		4	4 DOC	27-Mar-08	28-Mar-08		u u
		to rogione chorar		i			1				
1	AT11805	ER Chapter 2 of COLA + Complete	0%	o		0	0	1	28-Mar-08		ER Chapter 2 of COLA - Complete
l		المتعادية المرتبية برواستهما						30-Jen-08 A			12-Feb-08, Environmental Report - Chapter 3
۳ ^E	Environmental I RAT11715	Report - Chapter 3 ER Chapter 3 of COLA sent to SS&W	100%		2		3	30-J60-00 A	30-Jan-08 A	· · · · ·	of COLA sent to SSAW
ł	RATIT/15	ER Chapter 3 of COLA sent to SSEW	100%			,	•		;		
	AT11815	Internal Discipline Review of ER	100%	0		81	OEGE	31-Jan-08 A	06-Feb-08 A		
		Chapter 3			1	1		i.			
<u>-</u>	AT11825	Internal Independent Review of ER	100%	0	·		0 CE	01-Feb-08 A	04-Feb-08 A		
		Chapter 3			i		i	1			
ļ				<u>.</u>		a	9 LE	11-Feb-08	11-Feb-08		
}	AT11835	Prepare ER Chapter 3 comments for transmittal to client	0%	. '	1		°	11	114.60-00		
Ì				1	l <u>.</u>				موریو، مسیویل		
	DAT11755	Transmit Final ER Chapter 3 comments to Progress Energy	0%	1		4	4 000	12-Feb-08	12-Feb-08		
		to Progress Energy	`								
	AT 11845	ER Chapter 3 of COLA - Complete	0%	10		0	0		12-Feb-08		◆ ER Chapter 3 of COLA - Complete
								10-Mar-08	26-Mar-05		20-Mar-05, Environmental Report - Chap
e 6		Report - Chapter 4 ER Chapter 4 of COLA sent to SS&W	0%	11	لأ سالي الم ا	august and the second s	01	10-081-00	10-Mar-08*]	ER Chapter 4 of COLA sent to \$55W
ł	RAT11725	gre chepter 4 of COLA sent to \$5500	0%				1				
h	AT11855	Internal Disciptine Review of ER	0%	5	4	0	IO EGE	13-Mar-08	20-Mar-06		
1		Chapter 4			1	1	1		}		
ļ.	AT11865	Internal Independent Review of ER	0%	5	2	0 7	OCE	14-Mar-08	24-Mer-08		
1	S111009	Chapter 4			•			1	1		
			er en gag	• • •• •• •				· •			a
j j	AT11875	Prepare ER Chapter 4 comments for transmittal to client	0%	; 1		91	9 LE	24-Mar-08	25-Mar-08		U U
ł						1	j	-	1		
· · · · ·									Page 3 of	· · · · · · · · · · · · · · · · · · ·	TASK filler: All Activities
_	Remaining Laval	of Effort Actual Work 🗰	Critics	al Remulnin	g Work						

مناقبة المساسبة الموارقان

LVVA A Sile Redress Plan of CO 22-Am 22-Am Auxiliary Systems Chapter	
LWA & Sile Redress Pie	
LWA & Sile Redress Pie	3
LWA & Sile Redress Pie	0
 LWA & Sile Redress Plan of CO Auxiliary Systems Chipter 	0% 1 4 DOC 22-Apr-08
LWA & Sile Redress Plan of CO Ausiliary Systems Chapter Ausiliary Systems Chapter	AT11175 Propers Auditory Systems Chapter 9 0% 1 8 6 LE 21-Apr-08 22-Apr-09 comments for leasential to client
◆ LWA & Sile Redress Plan of CO → Auxillery Systems Chapter	AT11165 Internal Independent Review of 0% 5 24 24 CE 14-Apr-08 21-Apr-08
◆ LWA & Sile Redress Plan of CO → 23-Apr → Auxiliary Systems Chapter	
◆ LWA & Sile Redress Plan of CO	
	0
	DAT11422 Transmit LWA & Sile Redress Plan 0% 1 4 4 DOC 03-Apr-08 04-Apr-08 comments to Progress Energy
	ATTIAIS Preper LWA & Sie Rodress Plan 0%, 1 12 12 LE 02-Apr-08 03-Apr-08 comments for transmital to clent
	0% 5 5 50 CE 28 Mar-08
 LWA & Site Redress Plan of COLA sent to SBAW 	LWA & Site Redress Plan RAT11385 LWA & Site Redress Plan of COLA 0% 0 0 119-Mar-08 119-Mar-08 sent to S&AW
♦ ER Chapter 4 of COLA - Complete	0 0
	DAT11765 Treamit Final ER Chapter 4 comments 0% 1 4 4 DOC 23-Mar-08 26-Mar-08

CON and and

PAGES 1 - 7 REDACTED



Nuclear Plant Development & License Renewal

Performance Report

August 2007

Progress Energy, Inc. 410 South Wilmington Street Raleigh, North Carolina 27601



Submitted by

Supervisor Projects Controls

Approval

General Manager NPD&LR:

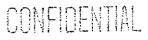
CONFIDENTIAL.

.

Performance Report August 2007

Table of Contents

1. Exe	cutive Summary	4
1.1.	Safety	4
1.2.	Cost	4
1.3.	Schedule	4
1.4.	Key Issues	۰ ۲
1.5.	Look Ahead	5
2. Pro	ject Performance Data and KPIs	6
2.1.	KPI Summary	6
2.2.	Cost Performance	
2.3.	Contract Status (exceeding \$ 100k)	8
2.4.		8
2.4.		8
2.4.		
2.4.		
2.4.	4. PEF SS&W Phase 1A Conceptual Design/Planning	9
2.5.	Scope Changes	9
2.5.	1. Business Analysis Package (BAP) Changes	9
2.5.		
2.5.	3. PEC Potential and/or Pending Scope Changes	9
2.5.		0
2.5.	5. PEF Potential and/or Pending Scope Changes1	0
2.6.	High Risk Issues1	0.
2,7.	Organization & Staffing 1	0
2.7.	1. Permanent Positions	0
2.7.	2. Contract Staff 1	1
2.7	3. License Renewal Staffing Transition	. 1
3. Sig	nificant Project Decisions1	. 1
3.1.	HAR	
3.2.	LNP	
4. Sel	f-Evaluation results	
4.1.	Self Assessments and Audits	
4.2.	NPD Corrective Action Program (CAP)	
4.3.	NPD Benchmarking	12
4.4.	NPD Quality Assurance Activities	
	.1. CH2M Hill Recovery Plan	
4.4		
4.4		
	gineering Update	14
5.1.	PEF Land Acquisition	
5.2.	PEF Field Activities	
5.3.	PEF Site Engineering	
5.4.	HAR Field Activities	
5.5.	HAR Site Engineering	15



Performance Report August 2007

5.6.	AP1000 Design Activities	15
6. Lice	ensing Update	15
6.1.	Harris	15
6.2.	Levy	15
	Regulatory Update	
	ense Renewal Update	
	HNP License Renewal Application Review	
7.2.	CR3 License Renewal Application Development	16
	Start Development LLC Update	
9. AP(DG LLC Update	16
10. P	ublic and Media Interaction	16
11. A	ttachment I – NPD Annunciator Panel	17
12. A	ttachment II – JVT COL Development Performance	18
12.1.	PEC COLA Performance	18
12.2.	PEF COLA Performance	19

1. Executive Summary

1.1. Safety

A CH2M Hill subcontract worker slipped backwards off of a drilling platform and bruised his back during deep hole drilling activities at the Levy Site. The worker has been cleared medically and has returned to work. Prosonic, the drilling sub-contractor, has completed corrective actions to modify the drill rig by installing a bigger platform and adding railings.

1.2. Cost

REDACTED

1.3. Schedule

PEC COLA - The project is 86% complete and trending behind schedule. Delays in NuStart COLA completion is the biggest challenge to the schedule. The project schedule has been updated to reflect an October 31, 2007 NuStart COLA submittal date. Due to the late completion of the NuStart FSAR sections, the COLA submittal date from JVT to Progress Energy is now scheduled for December 17, 2007. Submittal to NRC is scheduled for January 2008.

PEF COLA -The project is 43% complete and trending behind schedule. Fieldwork delays, completing the vibratory ground motion report, and insufficient progress made on certain FSAR and ER Chapters are the biggest challenges to the schedule. JVT is implementing a plan to recover the schedule delays for all critical tasks to improve the targeted COLA submittal date from 8/22/08 to 7/31/08. The COLA must be filed with the NRC by 12/31/08 to be eligible for Production Tax Credits.

PEF Phase 1A Activities – The project is 48% complete and is currently 13 days behind schedule. This is primarily due to the site layout plan not being finalized until August 10th. The current Phase 1A completion date is now scheduled for October 25th. The overall schedule will be re-evaluated due to a redirection of resources to support Price Finalization cost estimate and schedule.

PEF Site Certification Application – The project is approximately 5% complete. A logically tied baseline schedule will be issued with the September monthly status report.



1.4. Key Issues

- Offsite electrical power licensing requirements for passive plants is not resolved. Westinghouse has escalated this issue to NRC management.
- Site specific ITAAC to address soil remediation will be required by the NRC.
- PEF COLA schedule predicts an August 22nd 2008 submittal date. JVT is implementing a plan to recover the schedule for all critical tasks to improve the targeted COLA submittal date to July 31st, 2008.
- Resolution of the site boundary (EAB) as determined by the initial meteorological data.
- Implement remaining process documents for the major project controls functions.

1.5. Look Ahead

- Progress Energy will perform a QA Audit of CH2M Hill during the week of October 1, 2007.
- NRC QA Audit of Progress Energy COLA Development Project is scheduled for the week of October 29, 2007.
- NuStart COLA submittal scheduled for October 31, 2007.

2. Project Performance Data and KPIs

2.1. KPI Summary

See Attachment 1 for more information on the NPD Annunciator Panel of key project metrics.

Project Cost Current Year Project Cost Total COLA BAP Major Milestone Achievement



See Attachment II for more information on trending of the JVT COLA Prep cost and schedule performance.

PEF SPI90	Yellow
PEF CPI - 1.01	
PEC SPI89	Yellow
PEC CPI - 1.08	

Attachments will be updated next month to include Shaw Stone & Webster Phase 1A metrics. As of August 31st the initial Shaw Stone & Webster SPI is .64 (behind schedule) and the CPI is 1.28 (under budget).

2.2. Cost Performance

REDACTED

CONFIGERAL

PAGE 7 REDACTED

-

Performance Report August 2007

2.3. Contract Status (exceeding

REDACTED

2.4. Schedule Performance

2.4.1. PEC COLA Development

Overall COLA project is 86% complete. The Schedule Performance Index (SPI) for the project is .89. The project has trended behind schedule since June 2006. A delay by NuStart in issuing standard FSAR chapters is the biggest contributing factor to the SPI. The COLA submittal date is scheduled for December 17, 2007. The Cost Performance Index (CPI) for the project is 1.08. The project has consistently trended under the approved project baseline budget. The JVT provided updated forecasts in August to reflect current cost projections.

2.4.2. PEF COLA Development

Overall COLA project is 43% complete. The SPI for the project is 0.90. The project has been trending behind schedule since June 2007. Fieldwork delays, completing the vibratory ground motion report, and insufficient progress made on certain FSAR and ER Chapters are the biggest contributing factors to the SPI. JVT is implementing a plan to recover the schedule delays for all critical tasks. JVT will also implement shorter task durations and schedule logic changes to improve targeted COLA submittal from 8/22/08 to 7/31/08. The CPI for the project is 1.01. The project has consistently trended under the approved project baseline budget. The JVT provided updated forecasts in August to reflect current cost projections.

2.4.3. PEF SCA Development

The project is approximately 5% complete. A logically tied baseline schedule will be issued with the September status report.

2.4.4. PEF SS&W Phase 1A Conceptual Design/Planning

Overall Phase 1A project is 48% complete. The SPI for the project is 0.64. The project has trended behind schedule since June 2007. This is primarily due to due delay in finalization of the site layout plan. The current schedule reflects a 13 day delay from the October 5th, 2007 completion date and is now forecasted to be October 25th, 2007. It is anticipated that Phase 1A activities will be further delayed as resources are re-directed to support Price Finalization cost estimate activities. The schedule impact to Phase 1A will be documented via an Impact Evaluation to be submitted by Shaw Stone & Webster.

2.5. Scope Changes

2.5.1. Business Analysis Package (BAP) Changes

A revision to the Business Analysis Package (BAP) for COLA Development was approved on September 12th, 2007. The revision was needed to cover the projected cost of Levy County land acquisition and adjacent land acquisition, annual FEMA fee requirements for new plant applicants, and to start the Site Certification Application process to support the planned commercial operation date for the Levy Nuclear Plant. A new BAP incorporating total plant cost for the Levy Nuclear Plant is currently under development.

2.5.2. PEC Scope Changes Authorized

Since approval of WA Amendment # 4 in April 2007, NPD has approved seven Impact Evaluations for a total of **REDACTED** These will be incorporated into the next WA Amendment #5. Updated task descriptions to support Amendment #5 will be submitted by the JVT on 10/13/2007. Most of the Impact Evaluations approved were required to support conceptual design work for site specific systems needed for the COLA. In 2007, nine Impact Evaluations approved for a total of **REDACTED**

2.5.3. PEC Potential and/or Pending Scope Changes

Other potential Progress Energy Carolina scope changes include:

- NRC QA Audit of COLA contractors.
- Wind data analysis & CHI/Q calculations per requirements of Reg. Guide 1.23, Revision 1.
- Filter requirements for Raw Water Systems.
- COLA Peer Review Support.
- New Scope related to FSAR 2.5.

CARLEN

Performance Report August 2007

2.5.4. PEF Authorized Scope Changes

Since approval of WA Amendment # 2 in June 2007, NPD has approved 19 Impact Evaluations for a total of **REDACTED** These will be incorporated into the next WA Amendment #3. Updated task descriptions to support Amendment 3 will be submitted by the JVT on 10/13/2007. Most Impact Evaluations were required to support additional field activities required after selecting the site, and also for conceptual design work for site specific systems needed for the COLA. In 2007, 23 Impact Evaluations approved for a total of

REDACTED

2.5.5. PEF Potential and/or Pending Scope Changes

Other Progress Energy Florida potential scope changes include:

- Siren Study.
- Expediting COLA submittal to July 31st, 2008.
- Soil Resistivity Measurements.
- Evaluation of six month Meteorlogical Data & CHI/Q calculations to resolve EAB distance related risk.
- Excess storm water conceptual design.

2.6. High Risk Issues

The following risk items identified for Management attention for PEC include:

- Progress Energy QA audit of CH2M Hill in October 2007.
- NRC inspection of COLA contractors QA program in October 2007.
- NRC Acceptance Review of NuStart COLA to be submitted October 2007.

The following risk items identified for Management attention for PEF include:

- Resolution of the site boundary (EAB) as determined by the initial meteorological data.
- Suitability of the soil/rock substrata for AP1000 structures.
- Evaluation of the makeup and blowdown options.

2.7. Organization & Staffing

2.7.1. Permanent Positions

The following authorized positions are vacant/ being recruited in the NPD organization:

- Manager Nuclear Plant Engineering vacancy created by promotion of last incumbent, recruiting now in progress.
- Electrical Engineer vacancy created by resignation, recruiting in progress.
- I&C Engineer recruiting in progress.
- Sr Engineer (undesignated discipline), will be posted soon.
- Sr Technical Support Specialist (undesignated discipline), will be posted soon.

2.7.2. Contract Staff

The following functional areas are covered by contract personnel augmentation via Comensura or Enercon:

- Field & Construction Management.
- Emergency Planning.
- Administrative Reviews.

• Scheduling (part-time support via NGG Fire Protection contract staff). Plans are underway to secure additional contract support for environmental permitting & licensing.

2.7.3. License Renewal Staffing Transition

A transition plan is being developed for the conclusion of License Renewal activities for HNP. Updates will be provided in subsequent NPD Monthly status reports.

3. Significant Project Decisions

The following significant recently made decisions regarding the HAR and LNP Deployments.

3.1.HAR

- Failure Mode Effects Analysis for the switchyard will be completed per Reg. Guide 1.206 and the NRC Standard Review Plan.
- A separate Technical Support Center will be implemented for the new units.
- Will not excavate the non-active fault that extends to the Unit 2 area prior to COLA submittal.
- To support the ER, will use table top evaluations that show Transmission Right of Way through the county impacted since route is not final.
- Finalize the location of the Cape Fear Make-up.
- An additional 20 cfs will be pulled from the Cape Fear to flow through the lake to meet regulatory limits of liquid effluents.

3.2.LNP

- COLA borings confirming the location & orientation of Units 1&2.
- Conceptual foundation design approach finalized. Compacted fill will be used for the nuclear island, piles will be used for other buildings (i.e.: Turbine, Diesel, and Annex. Buildings).
- Railroad will follow an Eastern route to Dunnellon.
- Transmission line corridors will include three 500kv lines traversing to the South.
- The line voltage from Switchyard to the Reserve Auxiliary Transformer is 500kv, not 69kv.
- Utilizing a combined Switchyard for both units instead of separate Switchyard.
- The freshwater source for Potable, Demineralized, and Service Water Cooling Tower systems.

CONFIDENTIAL

- The north bank of the Barge Canal is the tentatively selected option for the Blowdown discharge into the Gulf.
- The Barge Canal is the option selected for the Make-up water intake.

4. Self-Evaluation results

4.1. Self Assessments and Audits

Upcoming assessments/ audits include:

- Audit of Worley Parsons Late August 2007.
- Audit of Sargent and Lundy Mid September 2007.
- Re-Audit of CH2M Hill October 1st, 2007.
- NRC QA Audit of COLA contractors October 29th, 2007.
- Financial charging Practices October 31st, 2007.
- PES Audit of NPD November 5th, 2007.

4.2. NPD Corrective Action Program (CAP)

The following NPD NCRs have been written during 3rd Quarter 2007

- 245231 Personal injury to contractor during core boring activities at Levy.
- 247430 Personal injury to contract diver during aquatic sampling at Levy.
- 247809 Incorrect primary route list was noted on NPD assignments in Passport.
- 245364 Heighten awareness of wording and content contained in COLA documents.

NPD will provide CAP update to CSERB on October 16th, 2007.

4.3. NPD Benchmarking

NPD Self Assessment & Benchmark Coordinator has been named and will complete Passport set up of 2008 plans. No formal benchmarks have been completed during the 3rd Quarter 2007.

4.4. NPD Quality Assurance Activities

NGGM-PM-0030 formally documents existing business philosophy to use existing NGGC procedures and processes to implement Appendix B for new plant activities.

4.4.1. CH2M Hill Recovery Plan

The history and current status of the CH2m Hill QA recovery plan is as follows:

- Progress Energy (PE) Audit of CH2M Hill conducted March 5 8, 2007.
- Stop work order verbally issued by audit team March 8, 2007.
- Stop work order issued in writing March 12, 2007.
- Stop work order lifted by PE May 1, 2007.
- Stop work order lifted based on PE's review and acceptance of CH2M Hill Recovery Plan and Corrective Cctions including revisions to the Corporate QA Manual; QA Implementing Procedures; Project Quality Plan; Project Instructions; and the retraining of Project personnel.
- CH2M Hill Compensatory Measures documented in rev. 1 of Recovery Plan were:
 - Require an independent review of all deliverables by the CH2M Hill Recovery Manager.
 - Require a readiness review of all deliverables by the CH2M Hill Management Review Board prior to delivery.
 - Require an intermediate effectiveness review of the corrective actions by CH2M Hill and JVT.
 - Revised CH2M Hill Recovery Plan and Corrective Actions transmitted to PE on June 11, 2007.
 - Revised Recovery Plan and Project Instruction reduced compensatory measures put in place by CH2M Hill without providing a basis for reduction in neither review activities nor objective evidence from management surveillances for improved performance.
- Intermediate effectiveness review of the corrective actions by CH2M Hill and JVT has not been conducted.
- PE reviewers identified numerous problems with recently completed and submitted CH2M Hill deliverables.
- Progress Energy management concerns with CH2M Hill revised actions and performance discussed during JVT Quarterly Meeting – June 20, 2007.

4.4.2. NPD Quality Assurance Plan

Quality Assurance Plan for Nuclear Plant Development and Construction Activities is included in NGG Program Manual and approved by Scotty Hinnant, as Chief Nuclear Officer. NGGM-PM-0030, Quality Assurance Plan for New Nuclear Plant Development and Construction Activities, Revision 0 issued and effective June 25, 2007.

4.4.3. Planned COLA Reviews

- Peer reviews of Emergency Plan, Security Plan and Environmental Report COLA. Review includes technical, licensing and administrative review.
- An Integrated review includes Corporate Reg Affairs, QA and NPD.
- Final review will incorporate any required changes from the NRC sufficiency review of the Reference COLA.

5. Engineering Update

5.1.PEF Land Acquisition

NPD formally requested approval from PGN senior management in mid-August to purchase and close on the Levy site Rayonier property. This approval was granted and the seller was notified of our intent to close on the property on or before Sept 14th, 2007. NPD will support the development of closing documents, particularly associated with the perpetual easement location.

Negotiations continue for adjacent parcels that would be used for permanent construction/operations driveway entrances and piping/heavy haul conveyances.

5.2. PEF Field Activities

Field activities continue at Levy, including the boring of two deep ~ 500 holes at each reactor location. These holes will provide additional information on shear wave velocities below 250', and also further substantiate the absence of large karst formations at these deeper depths.

DOT has visited the site with PGN staff for the purpose of laying out a new temporary drive way access that enters the site on Rayonier property from Highway 19. This new driveway installation will be pursued with DOT following closing on the property sale. Plans are also being made to also install gates and postings on the Rayonier site following closing.

Borings at the Barge Canal shored have been successfully completed, and equipment has been demobilized.

5.3. PEF Site Engineering

LNP site engineering efforts are well underway with SS&W executing Phase 1A conceptual site design and conceptual construction planning. This activity is scheduled to complete in early October 2007. The JVT in concert with PGN management finalized the locations of the power blocks, switchyard, and cooling towers. This information was then transmitted to SS&W to begin conceptual layout of all other temporary and permanent facilities. As this effort progresses, the JVT then works with SS&W to create the grading and drainage plan for the site, which is a COLA input.

The first six months of Met tower data showed more calm periods than expected as compared to the CR3 met tower. CH2M Hill is currently evaluating the data to determine the associated Xi/Q values and determine how the EAB distance is affected.

5.4. HAR Field Activities

Currently, there are no field activities in progress at HAR.

5.5. HAR Site Engineering

HAR site engineering efforts at this time only include those decisions necessary for COL development. SS&W has been contracted to provide a "constructability review" of the certain specific sections of the HAR COLA to ensure there are not statements inconsistent with their plans/capabilities to construct the plant. HAR Phase 1A SS&W conceptual design and planning is estimated to start late 2007 or early 2008.

5.6. AP1000 Design Activities

DCD revision 16 now under review by the NRC has includes several important changes needed for the HAR and LNP sites including:

- Resolution of Xi/Q and associated Control Doses
- Inclusion of security feature physical changes
- Changes to ambient temperature limits (wet bulb and dry bulb) for siting in Florida
- Addition of multiple tanks in the radwaste building to increase hold-up capacity for effluent management.
- Reactor Auxiliary Transformer with Fast Bus Transfer

6. Licensing Update

6.1. Harris

Current schedule predicts a COLA submittal date of 1/30/08 – Delay due to late submittal of NuStart sections. NRC Environmental records assessment planned for 9/16/07. NRC Public Information meeting 9/18/07. A meeting with local government officials will also to be held.

6.2. Levy

1

Current schedule predicts a COLA submittal date of 8/22/08 and must be accepted by the NRC on 12/31/08 to be eligible for Production Tax Credits. NRC Pre-Application environmental visit completed 8/19/07.

We expect that LWA will be desired to support soil remediation (backfill) and other construction activities prior to COL. Construction schedule and tasks are being evaluated to determine scope of LWA.

Site Certification Application (SCA) scheduled for submittal in June 2008. We anticipate that pre-construction work will require permits to be issued in advance of SCA. Scope and schedule for required permits is being developed.

6.3. Regulatory Update

The revised 10 CFR Part 52 was officially issued during August 2007.

Performance Report August 2007

7. License Renewal Update

7.1. HNP License Renewal Application Review NRC Audits have been completed. NRC RAIs are being processed.

7.2. CR3 License Renewal Application Development

IPA calculations are in progress for ECCS, Fire Services & Sampling, Raw Water and Steam systems. Civil AMR for outside areas is approximately 65% complete. Project is on schedule with license submittal September 2008.

8. NuStart Development LLC Update

NuStart remains on schedule for submission of the Bellefonte reference AP1000 COLA in late October 2007. The decision was made by NuStart to accept Dominion's North Anna Station as the reference ESBWR COL, and as a result decided to delay the submittal of NuStart's ESBWR COLA for Grand Gulf to February 2008. NuStart is also developing a process for configuration control/change management of DCD/COLA after COL submittal.

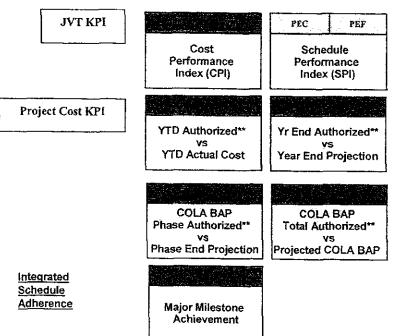
9. APOG LLC Update

The APOG LLC (which stands for Advanced Passive 1000 Owners Group) was officially formed in August 2007, with initial members consisting of Progress Energy, SCANA, Duke Energy, and Southern. The first kick-off meeting was scheduled for early September 2007.

10. Public and Media Interaction

The NRC scheduled a pre-application public visit for the Harris COLA in Apex NC for mid-September 2007.

11. Attachment I - NPD Annunciator Panel

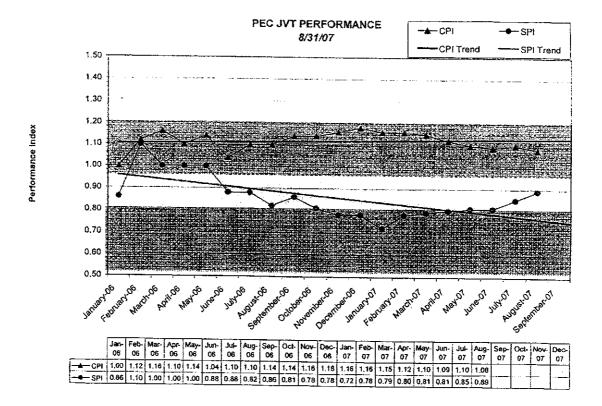


As of 8/31/07

B On Target 🗌 🔲 In Jeopardy 🛛 🖾 Off Target 🔲 Not Statused

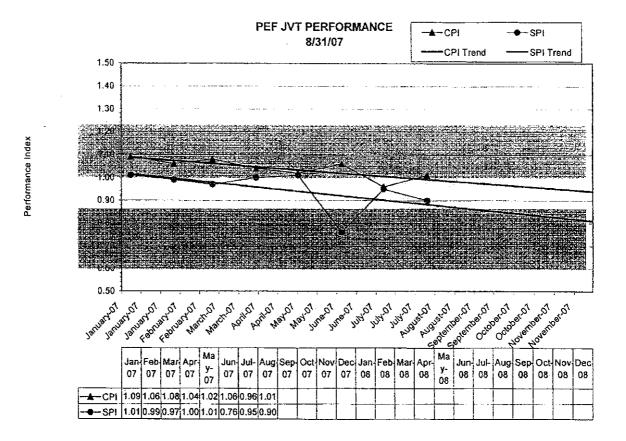
7

12. Attachment II – JVT COL Development Performance



12.1. PEC COLA Performance

12.2. PEF COLA Performance







Nuclear Plant Development & License Renewal

Performance Report

September 2007

Progress Energy, Inc. 410 South Wilmington Street Raleigh, North Carolina 27601



Submitted by

Supervisor Projects Controls

Approval

General Manager NPD&LR:



Performance Report September 2007

Table of Contents

1.	Exe		e Summary	
	1.1.		ety	
	1.2.		t	
	1.3.	Sch	edule	.4
	1.4.	Key	Issues	. 5
	1.5.		k Ahead	
2.	Pro		Performance Data and KPIs	
	2.1.		Summary	
	2.2.		t Performance	
	2.3.	Con	tract Status (exceeding \$ 100k)	. 8
	2.4.	Sch	edule Performance	. 8
	2.4	.1.	PEC COLA Development	. 8
	2.4		PEF COLA Development	
	2.4	.3.	PEF SCA Development	
	2.4		PEF SS&W Phase 1A Conceptual Design/Planning	
	2.5.	Sco	pe Changes	. 9
	2.5	.1.	Business Analysis Package (BAP) Changes	. 9
	2.5	.2.	PEC Scope Changes Authorized	.9
	2.5	.3.	PEC Potential and/or Pending Scope Changes	.9
	2.5	.4.	PEF Authorized Scope Changes	10
	2.5		PEF Potential and/or Pending Scope Changes	10
	2.6.	Hig	h Risk Issues	10
	2.7.	Org	anization & Staffing	11
	2.7	.1.	Permanent Positions	11
	2.7	.2.	Contract Staff	11
	2.7	.3.	License Renewal Staffing Transition	11
3.	Sig	nific	ant Project Decisions	11
	3.1.		3	
	3.2.			
4.	Se		aluation Results	
	4.1.		f Assessments and Audits	
	4.2.		D Corrective Action Program (CAP)	
	4.3.	NP	D Benchmarking	12
	4.4.	NP	D Quality Assurance Activities	
	4.4	.1.		
	4.4	.2.	NPD Quality Assurance Plan	
	4.4		Planned COLA Reviews	
5.	En		ering Update	
	5.1.		F Land Acquisition	
	5.2.		F Field Activities	
	5.3.		F Site Engineering	
	5.4.		C Field Activities	
	5.5.	PE	C Site Engineering	15



Performance Report September 2007

5.6. AP1000 Design Activities	15
6. Licensing Update	
6.1. PEC	15
6.2. PEF	
6.3. Regulatory Update	. 16
7. License Renewal Update	
7.1. HNP License Renewal Application Review	
7.2. CR3 License Renewal Application Development	16
8. NuStart Development LLC Update	. 16
9. APOG LLC Update	
10. Public and Media Interaction	
Attachment I – NPD Annunciator Panel	18
Attachment II – COL Development Performance	19
Shaw Performance	19
PEC COLA Performance	
PEF COLA Performance	21

CONFIDENTIAL

-

1. Executive Summary

1.1. Safety

On September 13th 2007, a dive team member from CSA International, a CH2M Hill subcontractor, was injured while conducting a sea grass survey near the proposed Levy Site. The diver was exiting the water in full scuba gear by climbing the dive ladder that was fixed to the boat. The diver lost her balance while standing on the dive ladder causing a sensation similar to a muscle pull in the right hip. Work was stopped and immediate actions were taken to interview dive team members and review the ladder arrangement for divers exiting the water. No dangers or weaknesses were found. There was no medical attention needed or time lost from work. CH2M Hill has completed a safety review of the incident and submitted to NPD.

1.2.Cost

REDACTED

1.3. Schedule

PEC COLA - The project is 90% complete. The project schedule has been updated to reflect an October 31, 2007 NuStart COLA submittal date. Due to the late completion of the NuStart FSAR sections and the Security Plan, the COLA submittal date from JVT to Progress Energy is now scheduled for December 17, 2007. Submittal to the NRC is scheduled for January 2008.

PEF COLA -The project is 47% complete. Fieldwork delays, completing the vibratory ground motion report, and insufficient progress made on certain FSAR and ER Chapters are the biggest challenges to the schedule. JVT is developing a plan to expedite the schedule to improve the targeted COLA submittal date from 8/22/08 to 7/31/08. The COLA must be filed with the NRC by 12/31/08 to be eligible for Production Tax Credits.

PEF Phase 1A Activities – The project is 69% complete. An impact evaluation has been submitted by Shaw to revise the target completion date from 10/25/07 until 12/18/07. This is due to the redirection of resources to support price finalization work and receipt of required documentation from the JVT needed to complete remaining preliminary engineering packages.



PEF Site Certification Application – The project is 6% complete and currently on schedule. Meeting scheduled October 19th to discuss new schedule for ER to support the SCA submittal date.

1.4. Key Issues

- Site specific ITAAC to address soil remediation will be required by the NRC.
- PEF COLA schedule predicts an August 22nd 2008 submittal date. JVT is reviewing what actions are required to expedite the schedule to enable COLA submittal by July 31st, 2008.
- Issue project control process documents for change control and schedule control management.
- LNP pre-construction activities will require permits in advance of the SCA to support the schedule.

1.5. Look Ahead

- EPC Negotiation session October 23rd through October 25th.
- NRC QA Audit of Progress Energy COLA Development Project is scheduled for the week of October 29, 2007.
- NuStart Reference COLA submittal scheduled for October 31, 2007.
- PES Assessment scheduled for 11/5/07.
- AP1000 Standard Plant Cost Book completion scheduled for 11/30/07.
- Harris COLA submittal scheduled for January 2008.

CONFIDENTIAL

2. Project Performance Data and KPIs

2.1. KPI Summary

See Attachment 1 for more information on the NPD Annunciator Panel of key project metrics.

Project Cost Current Year Project Cost Total COLA BAP Major Milestone Achievement



See Attachment II for more information on trending of the JVT COLA Prep cost and schedule performance.

 PEF COLA SPI .85

 PEF COLA CPI 1.02

 PEC COLA SPI .94

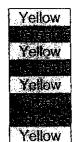
 PEC COLA CPI 1.12

 Shaw PH 1A SPI .81

 Shaw PH 1A CPI 1.29

 SCA SPI 1.01

 SCA CPI .70



The SCA budget overrun is due to initial mobilization and project setup. No additional budget request is anticipated as a result of the current overrun.

2.2. Cost Performance

REDACTED

CONFIDENTIAL

PAGE 7 REDACTED

Performance Report September 2007

CUNFIDENTIAL

2.3. Contract Status (exceeding \$ 100k)

REDACTED

2.4. Schedule Performance

2.4.1. PEC COLA Development

Overall COLA project is 90% complete. The Schedule Performance Index (SPI) for the project is .94. The SPI has trended behind schedule since June 2006. A delay by NuStart in issuing standard FSAR chapters is the biggest contributing factor to the SPI. Delays in completing the Security Plan have also contributed to the SPI. The COLA submittal date to the NRC is scheduled for January, 2008. The Cost Performance Index (CPI) for the project is 1.12. The project CPI has consistently trended under the approved project baseline budget.

2.4.2. PEF COLA Development

Overall COLA project is 47% complete. The SPI for the project is 0.85. The SPI has been trending behind schedule since June 2007. Fieldwork delays, completing the vibratory ground motion report, and insufficient progress made on certain FSAR and ER Chapters are the biggest contributing factors to the SPI. JVT is implementing a plan to expedite the schedule for all critical tasks. JVT will also implement shorter task durations and schedule logic changes to improve targeted COLA submittal date from 8/22/08 to 7/31/08. The CPI for the project is 1.02. The CPI has consistently trended under the approved project baseline budget.

2.4.3. PEF SCA Development

The project is approximately 6% complete. The SPI for the project is 1.01 and on schedule. The CPI is .70 and is slightly over budget due to initial mobilization and project setup costs. No additional budget request is anticipated. A logically tied baseline schedule is being finalized and will be discussed during the October 25th status call.

2.4.4. PEF SS&W Phase 1A Conceptual Design/Planning

Overall Phase 1A project is 69% complete. The SPI for the project is 0.81. The project has trended behind schedule since June 2007. This is primarily due to delay in finalization of the site layout plan. An impact evaluation has been submitted by Shaw to revise the target completion date from 10/25/07 until 12/18/07. This is due to the redirection of resources to support price finalization work and receipt of required documentation from the JVT needed to complete remaining preliminary engineering packages.

2.5. Scope Changes

2.5.1. Business Analysis Package (BAP) Changes

Revision 1 to the Business Analysis Package (BAP) for COLA Development was approved on September 12th, 2007. The revision was needed to cover the projected cost of Levy County land acquisition and adjacent land acquisition, annual FEMA fee requirements for new plant applicants, and to start the Site Certification Application process to support the planned commercial operation date for the Levy Nuclear Plant. A new BAP (will be Revision 2) incorporating total plant cost for the Levy Nuclear Plant is currently under development.

2.5.2. PEC Scope Changes Authorized

Since approval of JVT WA Amendment # 4 in April 2007, NPD has approved ten Impact Evaluations for a total of **REDACTED** These will be incorporated into the next WA Amendment #5. Updated task descriptions to support Amendment #5 are to be submitted by the JVT in October. Most of the Impact Evaluations approved were required to support conceptual design work for site specific systems needed for the COLA and for new scope items required for FSAR 2.5. In 2007, 14 Impact Evaluations have been approved or are pending approval for a total of

REDACTED

2.5.3. PEC Potential and/or Pending Scope Changes

Other potential Progress Energy Carolina scope changes include:

- Support the NRC QA Audit support.
- Wind data analysis & CHI/Q calculations per requirements of Reg. Guide 1.23, Revision 1.
- Determine filter requirements for Raw Water Systems.
- Provide COLA Peer Review Support.
- Complete NuStart document deletion process implementation.
- Support NRC Pre-application ER review.

2.5.4. PEF Authorized Scope Changes

Since approval of JVT WA Amendment # 2 in June 2007, NPD has approved 20 Impact Evaluations for a total of **REDACTED** These will be incorporated into the next WA Amendment #3. Updated task descriptions to support Amendment 3 are to be submitted by the JVT in October. Most Impact Evaluations were required to support additional field activities required after selecting the site, and also for conceptual design work for site specific systems needed for the COLA. In 2007, 24 Impact Evaluations have been approved or are pending approval for a total of **REDACTED**. The large number of Impact Evaluations and associated cost is due to the Levy Site not being selected at the time the COLA work started.

2.5.5. PEF Potential and/or Pending Scope Changes

Other Progress Energy Florida potential scope changes include:

- Completing the Siren Study. (JVT is not completing the study; instead, a contract has been established with a separate vendor).
- Expediting COLA submittal to July 31st, 2008.
- Complete Soil Resistivity Measurements.
- Evaluation of six month Meteorological Data & CHI/Q calculations to resolve EAB distance related risk.
- Independent review of down-hole measurements.
- Estimate to complete fieldwork at Levy.
- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis).

2.6. High Risk Issues

The following risk items identified for Management attention for PEC include:

- Progress Energy QA audit of CH2M Hill in October 2007.
- NRC inspection of COLA QA program in October 2007.
- NRC Acceptance Review of NuStart COLA to be submitted late October 2007.
- Expectations for water requirements from the Cape Fear River.

The following risk items identified for Management attention for PEF include:

- Resolution of the site boundary (EAB) as determined by the initial 6 months of meteorological data.
- Suitability of the soil/rock substrata for AP1000 structures.
- Evaluation & environmental impacts of the makeup and blowdown options.
- Permits for pre-construction activities required to support the commercial operation date.
- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis).

2.7. Organization & Staffing

2.7.1. Permanent Positions

The following authorized positions are vacant/ being recruited in the NPD organization:

- Manager Nuclear Plant Engineering vacancy created by promotion of last incumbent, recruiting now in progress.
- Electrical Engineer vacancy created by resignation, recruiting in progress.
- I&C Engineer recruiting in progress.
- Sr Engineer -- (undesignated discipline), will be posted soon.
- Sr Technical Support Specialist (undesignated discipline), will be posted soon.

2.7.2. Contract Staff

The following functional areas are covered by contract personnel augmentation:

- Field & Construction Management.
- Emergency Planning.
- COLA Administrative Reviews.

• Scheduling (part-time support via NGG Fire Protection contract staff). Plans are underway to secure additional contract support for environmental permitting & licensing.

2.7.3. License Renewal Staffing Transition

A transition plan is being developed for the conclusion of License Renewal activities for HNP. Updates will be provided in subsequent NPD Monthly status reports.

3. Significant Project Decisions

The following significant recently made decisions regarding the Harris and Levy Deployments.

3.1.PEC

- Failure Mode Effects Analysis for the switchyard will be completed per Reg. Guide 1.206 and the NRC Standard Review Plan.
- Technical Support Center will be in the nuclear island as originally designed by Westinghouse.
- Will not excavate the non-active fault that extends to the Unit 2 area prior to COLA submittal.
- To support the ER, will use table top evaluations that show Transmission Right of Way through the county impacted since route is not final.
- Location of the Cape Fear Make-up was finalized.

<u>O PACE AND</u>

3.2.PEF

- COLA borings confirming the location & orientation of Units 1&2.
- Conceptual foundation design approach finalized. Compacted fill will be used for the nuclear island, piles will be used for other buildings (i.e.: Turbine, Diesel, and Annex. Buildings).
- Railroad will follow an Eastern route to Dunnellon.
- Transmission line corridors will include three 500kv lines traversing to the South.
- Utilizing a combined Switchyard for both units instead of separate Switchyard.
- The freshwater source for Potable, Demineralized, and Service Water Cooling Tower systems is well water.
- The north bank of the Barge Canal is the tentatively selected option for the Blowdown discharge into the Gulf.
- The Barge Canal is the option selected for the Make-up water intake.

4. Self-Evaluation Results

4.1. Self Assessments and Audits

Upcoming assessments/ audits include:

- Re-Audit of CH2M Hill October 1st, 2007.
- NRC QA Audit of COLA contractors October 29th, 2007.
- Financial charging Practices 4th Quarter, 2007.
- PES Audit of NPD November 5th, 2007.

4.2. NPD Corrective Action Program (CAP)

The following NPD NCRs have been written during 3rd Quarter 2007

- 245231 Personal injury to contractor during core boring activities at Levy.
- 247430 Personal injury to contract diver during aquatic sampling at Levy.
- 247809 Incorrect primary route list was noted on NPD assignments in Passport.
- 245364 Heighten awareness of wording and content contained in COLA documents.
- 252015 Improvement opportunities for monitoring vendor performance.
- NPD will provide CAP update to CSERB on October 16th, 2007.

4.3. NPD Benchmarking

NPD Self Assessment & Benchmark Coordinator has been named and will complete Passport set up of 2008 plans. No formal benchmarks have been completed during the 3rd Quarter 2007.

4.4. NPD Quality Assurance Activities

NGGM-PM-0030 formally documents existing business philosophy to use existing NGGC procedures and processes to implement Appendix B for new plant activities.

4.4.1. CH2M Hill Recovery Plan

The history and current status of the CH2m Hill QA recovery plan is as follows:

- Progress Energy (PE) Audit of CH2M Hill conducted March 5 8, 2007.
- Stop work order verbally issued by audit team March 8, 2007.
- Stop work order issued in writing March 12, 2007.
- Stop work order lifted by PE May 1, 2007.
- Stop work order lifted based on PE's review and acceptance of CH2M Hill Recovery Plan and Corrective Actions including revisions to the Corporate QA Manual; QA Implementing Procedures; Project Quality Plan; Project Instructions; and the retraining of Project personnel.
- CH2M Hill Compensatory Measures documented in rev. 1 of Recovery Plan were:
 - Require an independent review of all deliverables by the CH2M Hill Recovery Manager.
 - Require a readiness review of all deliverables by the CH2M Hill Management Review Board prior to delivery.
 - Require an intermediate effectiveness review of the corrective actions by CH2M Hill and JVT.
 - Revised CH2M Hill Recovery Plan and Corrective Actions transmitted to PE on June 11, 2007.
 - Revised Recovery Plan and Project Instruction reduced compensatory measures put in place by CH2M Hill without providing a basis for reduction in neither review activities nor objective evidence from management surveillances for improved performance.
- PE reviewers identified numerous problems with recently completed and submitted CH2M Hill deliverables.
- Progress Energy management concerns with CH2M Hill revised actions and performance discussed during JVT Quarterly Meeting – June 20, 2007.

4.4.2. NPD Quality Assurance Plan

Quality Assurance Plan for Nuclear Plant Development and Construction Activities is included in NGG Program Manual and approved by Scotty Hinnant, as Chief Nuclear Officer. NGGM-PM-0030, Quality Assurance Plan for New Nuclear Plant Development and Construction Activities, Revision 0 issued and effective June 25, 2007.

4.4.3. Planned COLA Reviews

- Peer reviews of Emergency Plan, Security Plan and Environmental Report COLA. Review includes technical, licensing and administrative review.
- An independent review includes Corporate Reg Affairs, QA and NPD.
- Final review will incorporate any required changes from the NRC sufficiency review of the Reference COLA that have been identified by year end.

5. Engineering Update

5.1. PEF Land Acquisition

NPD formally requested approval from PGN senior management in mid-August to purchase and close on the Levy site Rayonier property. This approval was granted and the seller was notified of our intent to close on the property on or before Sept 14th, 2007. NPD will support the development of closing documents, particularly associated with the perpetual easement location.

Negotiations continue for adjacent parcels that would be used for permanent construction/operations driveway entrances and piping/heavy haul conveyances.

5.2. PEF Field Activities

Field activities continue at Levy, including the boring of two deep ~ 500 holes at each reactor location. These holes will provide additional information on shear wave velocities below 250', and also further substantiate the absence of large karst formations at these deeper depths.

DOT has visited the site with PGN staff for the purpose of laying out a new temporary drive way access that enters the site on Rayonier property from Highway 19. This new driveway installation will be pursued with DOT following closing on the property sale. Plans are also being made to also install gates and postings on the Rayonier site following closing.

Borings at the Barge Canal shored have been successfully completed, and equipment has been demobilized.

5.3. PEF Site Engineering

LNP site engineering efforts are well underway with SS&W executing Phase 1A conceptual site design and conceptual construction planning. This activity is scheduled to complete in early October 2007. The JVT in concert with PGN management finalized the locations of the power blocks, switchyard, and cooling towers. This information was then transmitted to SS&W to begin conceptual layout of all other temporary and permanent facilities. As this effort progresses, the JVT then works with SS&W to create the grading and drainage plan for the site, which is a COLA input.

The first six months of Met tower data showed more calm periods than expected as compared to the CR3 met tower. CH2M Hill is currently evaluating the data to determine the associated Xi/Q values and determine how the EAB distance is affected.

5.4. PEC Field Activities

Currently, there are no field activities in progress at HAR.

5.5. PEC Site Engineering

HAR site engineering efforts at this time only include those decisions necessary for COL development. SS&W has been contracted to provide a "constructability review" of the certain specific sections of the HAR COLA to ensure there are not statements inconsistent with their plans/capabilities to construct the plant. HAR Phase 1A SS&W conceptual design and planning is estimated to start late 2007 or early 2008.

5.6. AP1000 Design Activities

DCD revision 16 includes several important changes needed for the HAR and LNP sites including:

- Resolution of Xi/Q and associated Control Doses
- Inclusion of security feature physical changes
- Changes to ambient temperature limits (wet bulb and dry bulb) for siting in Florida
- Addition of multiple tanks in the radwaste building to increase hold-up capacity for effluent management.
- Reactor Auxiliary Transformer with Fast Bus Transfer

The NRC has not docketed DCD Revision 16.

6. Licensing Update

6.1.PEC

Current schedule predicts a COLA submittal date of 1/30/08 – Delay due to late submittal of NuStart sections and to allow incorporation of NRC comments regarding the R-COLA. NRC Environmental records assessment completed on 9/18/07. NRC stated that documents appeared to meet NUREG 1555 requirements but some work was needed to make the report more clear on how conclusions were reached. NRC Public Information meeting was held on 9/18/07. A meeting with local government officials was also held.

There is community interest in the following activities associated with the Harris COLA:

- We anticipate that water usage will be a significant interest area from state regulators and local residents. The current drought conditions have increased the focus in this area.
- We expect that the Western Wake Reclamation Facility will request that we accept discharge of this facility into Harris Lake.
- There is interest by the News & Observer in the results of the Evacuation Time Estimate (ETE) study performed for Harris Emergency Plan. The News & Observer may run a story regarding this report.



CONFIDENTIAL

6.2. PEF

Current schedule predicts a COLA submittal date of 8/22/08. The COLA must be accepted by the NRC on 12/31/08 to be eligible for Production Tax Credits. JVT is reviewing actions needed to improve submittal date to July 30, 2007 but if that is practical has not been determined.

We expect that LWA will be desired to support soil remediation (backfill) and other construction activities prior to COL. Construction schedule and tasks are being evaluated to determine scope of LWA.

Site Certification Application (SCA) is scheduled for submittal in June 2008. We anticipate that pre-construction work will require permits to be issued in advance of SCA. We anticipate that this will be a significant challenge to the LNP schedule and may be the critical path for the LNP project. Scope and schedule for required permits is being developed and meetings with the state agencies will be setup to review permitting needs.

6.3. Regulatory Update

The revised 10 CFR Part 52 was officially issued during August 2007. The NRC also issued guidelines for COLA Acceptance Review (NRO-REG-100) on September 26, 2007.

7. License Renewal Update

7.1. HNP License Renewal Application Review

NRC Audits have been completed. NRC RAIs are being processed.

7.2. CR3 License Renewal Application Development

IPA calculations are in progress for ECCS, Fire Services & Sampling, Raw Water and Steam systems. Civil AMR for outside areas is approximately 65% complete. Project is on schedule with license submittal January 2009.

8. NuStart Development LLC Update

NuStart remains on schedule for submission of the Bellefonte reference AP1000 COLA in late October 2007. The decision was made by NuStart to accept Dominion's North Anna Station as the reference ESBWR COL, and as a result decided to delay the submittal of NuStart's ESBWR COLA for Grand Gulf to February 2008. NuStart is also developing a process for configuration control/change management of DCD / COLA after COL submittal.

9. APOG LLC Update

The APOG LLC (which stands for Advanced Passive 1000 Owners Group) was officially formed in August 2007, with initial members consisting of Progress Energy, SCANA, Duke Energy, and Southern. The first kick-off meeting was scheduled for early September 2007.

10. Public and Media Interaction

The NRC scheduled a pre-application public visit for the Harris COLA in Apex NC for mid-September 2007.

CO FORM

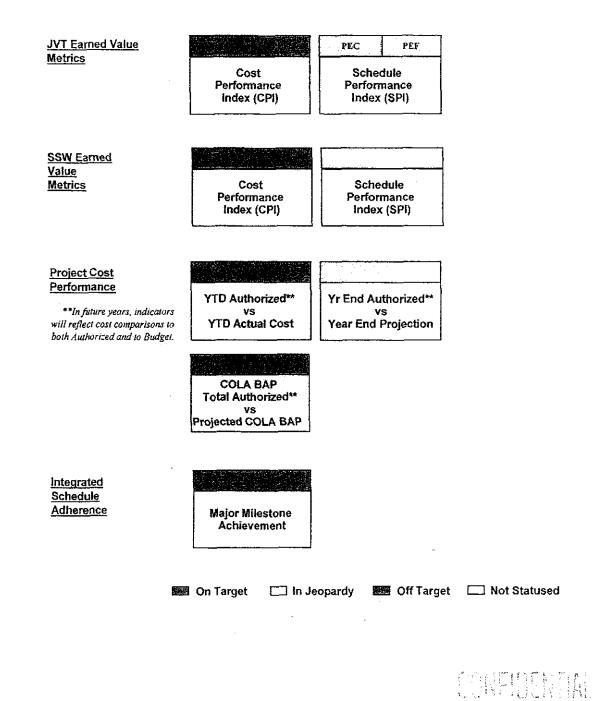
.

Performance Report September 2007

Attachment I - NPD Annunciator Panel

NPD Annunciator Panel

As of 9/30/07



Performance Report September 2007

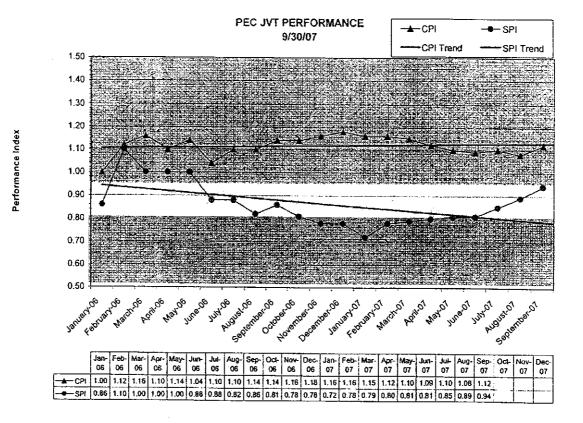
Attachment II – COL Development Performance

SSW PERFORMANCE - CPI -- SPI 9/30/2007 CPI Trend SPI Trend 1.50 1.40 1.30 1.20 Performance Index 1.10 1.00 0.90 0.80 0.70 0.60 0.50 Sapenbarol October OT January OB Fahraning MaronoB Portinos 58718rnDar.08 June-08 1^{114.08} AUGUSTOR 4⁰¹ Marcos Aug-07 Sep-07 Oct-07 Nov-07 Dec-07 Jan-08 Feb-08 Mar-08 Apr-08 May-08 Jun-08 Jul-08 Aug-08 Sep-08 Oct-08 Nov-08 Dec-08 1.28 1.29 - CPI * -SPI 0.64 0.81

Shaw Performance

Performance Report September 2007

PEC COLA Performance



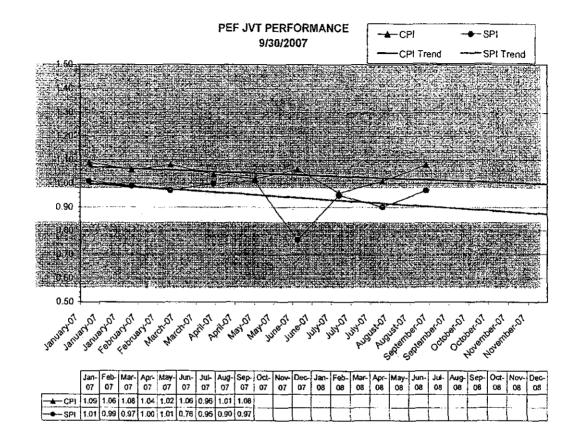
CREEDER.

Performance Report September 2007

CONFIGNAL

PEF COLA Performance

Performance Index



21



Nuclear Plant Development & License Renewal

Performance Report

October 2007

Progress Energy, Inc. 410 South Wilmington Street Raleigh, North Carolina 27602



Submitted by

Supervisor Projects Controls

Approval

General Manager NPD&LR: Sol Mile

CONTESTA.

Performance Report October 2007

Table of Contents

1. Exe	cutive Summary	
1.1.	Safety	.4
1.2.	Cost	.4
1.3.	Schedule	.4
1.4.	Key Issues	. 5
1.5.	Look Ahead	
2. Pro	ject Performance Data and KPIs	.7
2.1.	KPI Summary	.7
2.2.	Cost Performance	.7
2.3.	Contract Status (exceeding \$ 100k)	.9
2.4.	Schedule Performance	
2.4.	1. PEC COLA Development	.9
2.4.	2. PEF COLA Development	.9
2.4	· · · · · · · · · · · · · · · · · · ·	
2.4		
2.4		10
	Scope Changes	10
2.5	1. Business Analysis Package (BAP) Changes	10
2.5	2. PEC Scope Changes Authorized	10
2.5	3. PEC Potential and/or Pending Scope Changes	11
2.5	· · · · · · · · · · · · · · · · · · ·	
2.5		
	High Risk Issues	
2.7.		
2.7	.1. Permanent Positions	12
2.7		
2.7		
3. Sig	nificant Project Decisions	
3.1.	PEC	
3.2 .	PEF	
	If-Evaluation Results	
4.1.	Self Assessments and Audits	
4.2.	NPD Corrective Action Program (CAP)	
4.3.	NPD Benchmarking	
4.4.	NPD Quality Assurance Activities	
4.4		
4.4		
4.4		
	gineering Update	
5.1.	PEF Land Acquisition	
5.2.	PEF Field Activities	
5.3.	PEF Site Engineering	
5.4.	PEC Field Activities	16

Performance Report October 2007

5.	5.	PEC Site Engineering	16
5.	6.	AP1000 Design Activities	16
6.	Lice	ensing Update	17
		PEC	
		PEF	
		Regulatory Update	
7. License Renewal Update			
7.	1.	HNP License Renewal Application Review	18
7.	2.	CR3 License Renewal Application Development	. 18
8.	Nus	Start Development LLC Update	.18
9.	AP	OG LLC Update	18
10.		ublic and Media Interaction	

1. Executive Summary

1.1. Safety

On October 22nd 2007, a Shaw Stone & Webster (SSW) employee was involved in a traffic accident that resulted in a broken leg. The employee was in route to the site on his motorcycle, but had not yet reported to the site. SSW has determined that this was a recordable accident. The investigation is continuing and a final report will be issued to Progress Energy in November.

1.2.Cost

REDACTED

1.3. Schedule

PEC COLA - The project is 95% complete. Work is proceeding per the PEC End Game Schedule. Page Turn is in progress for the ER, FSAR 2.5, and other FSAR Chapters. The project schedule has been updated to reflect an October 31, 2007 NuStart COLA submittal date. Due to the late completion of the NuStart FSAR sections and the Security Plan, the COLA submittal date from JVT to Progress Energy is now scheduled for December 17, 2007. Submittal to the NRC is scheduled for January 30, 2008.

PEF COLA -The project is 55% complete. Fieldwork delays, completing the vibratory ground motion report, and insufficient progress made on certain FSAR and ER Chapters are the biggest challenges to the schedule. JVT is developing a plan to expedite the schedule to improve the targeted COLA submittal date from 8/22/08 to 7/31/08. A weekly schedule review meeting with JVT is being implemented. The NRC has stated that sufficiency reviews for the Bellefonte COLA will take 60-120 days. The July submittal date is critical with the longer NRC acceptance review schedule. The COLA must be filed with the NRC by 12/31/08 to be eligible for Production Tax Credits.

PEF Price Finalization – The project is 35% complete. Work is progressing in all four major categories, Building & Yard Areas, Construction, Environmental – Geotechnical, and Project Management. Technical Reports have been issued for review on numerous systems. SSW is developing a plan to expedite completing the geotechnical work activities as early as possible.

Performance Report October 2007

PEF Phase 1A Activities – The project is 76% complete. An impact evaluation has been approved to revise the target completion date from 10/25/07 until 12/18/07. SSW has completed a re-baseline of the project. The need for an Impact Evaluation was driven by the need to redirect resources to support price finalization work, which is being executed in parallel with Phase 1A work, and receipt of required documentation from the JVT to complete remaining preliminary engineering packages. Significant progress was made during the reporting period in completion of Progress Energy Owner Acceptance Reviews and receipt of COLA material from the JVT.

PEF Site Certification Application – The project is 10% complete. The documentation work element of the project is slightly behind schedule. Follow up with CH2M project manager is in progress.

1.4. Key Issues

- Site specific ITAAC to address soil remediation will be required by the NRC.
- PEF COLA schedule predicts an August 22nd 2008 submittal date. The July 2008 submittal is challenged based on site geotechnical analysis requirements. JVT is reviewing what actions are required to expedite the schedule to enable COLA submittal by July 31st, 2008. Weekly schedule review meetings are scheduled.
- Complete 30 day due diligence activities associated with Lybass purchase contract.
- LNP pre-construction activities will require permits in advance of the SCA to support the schedule. Infrastructure improvements require detailed engineering designs to be completed. A meeting with the US Army Corps of Engineers in Jacksonville, Florida is scheduled for November 19, 2008 to discuss permits and the schedule required to allow construction of these facilities.
- FPSC Need Determination Petition to be filed in January 2008 requires updated cost. Updated power block costs received in November will be incorporated. Currently working with SSW to incorporate updated site specific cost that have higher risk construction activities prior to the Levy Total Site cost books which will be delivered in February 2008.
- Address comments received from the Florida Department of Community Affairs related to wetlands protection and the Gulf and Barge Canal impacts.
- JVT has developed an action plan to address NRC QA Audit nonconformance conditions. The plan includes a complete review of CH2MHILL field activities for geotechnical investigation at Harris and Levy and correction of deficiencies. The investigation team is composed of QA and geotechnical personnel from Sargent & Lundy and Worley Parsons. In addition, Progress Energy will conduct an audit of these activities to confirm completeness and accuracy. Final team report is scheduled for January 25, 2008 and must be completed prior to final Harris COLA approval.

1.5. Look Ahead

- PES Assessment scheduled for the week of 11/5/07.
- Meeting with US Army Corps of Engineers to discuss permit requirements to support construction of Levy site infrastructure on 11/19/07.

Performance Report October 2007

- NRC will start sufficiency review of the R-COLA on 11/19/07. The review will require 60-120 days.
- Senior Management Committee Review of Levy Nuclear Plant and Transmission 11/26/2007.
- AP1000 Standard Plant Cost Book completion scheduled for 11/30/07.
- Closing on Lybass property expected to occur on 12/14/07.
- December 2007 Board of Director's Meeting to request approval of the Need Filing & Joint Ownership percentage ownership.
- Harris COLA submittal targeted for January 30, 2008.

Performance Report October 2007

2. Project Performance Data and KPIs

2.1. KPI Summary

Project Cost Current Year Project Cost Total COLA BAP Major Milestone Achievement



PEF COLA SPI -	.83	
PEF COLA CPI -	1.11	
PEC COLA SPI -	.99	• ::
PEC COLA CPI –	1.14	
Shaw PH 1A SPI -	1.00	
Shaw PH 1A CPI -	1.00	
Shaw Price Final SPI -	.92	
Shaw Price Final CPI-	1.84	
SCA SPI –	.82	
SCA CPI -	1.10	



2.2. Cost Performance

REDACTED

PAGE 8 REDACTED

.

Performance Report October 2007

2.3. Contract Status (exceeding

REDACTED

2.4. Schedule Performance

2.4.1. PEC COLA Development

Overall COLA project is 95% complete. The Schedule Performance Index (SPI) for the project is .99. Work is proceeding per the PEC End Game Schedule. Page Turn is in progress for the ER, FSAR 2.5, and other FSAR Chapters. Electronic linking is in progress for the EP and FSAR Sections 2.1 - 2.4. Due to the late completion of the NuStart FSAR sections and the Security Plan, the COLA submittal date from JVT to Progress Energy is now scheduled for December 17, 2007. The COLA submittal date to the NRC is scheduled for January 30, 2008. The Cost Performance Index (CPI) for the project is 1.14. The project CPI has consistently trended under the approved project baseline budget.

2.4.2. PEF COLA Development

Overall COLA project is 55% complete. The SPI for the project is 0.83. The SPI has been trending behind schedule since June 2007. Fieldwork delays, completing the vibratory ground motion report, and insufficient progress made on certain FSAR and ER Chapters are the biggest contributing factors to the SPI. JVT is implementing a plan to expedite the schedule for all critical tasks. JVT will also implement shorter task durations and schedule logic changes to improve

targeted COLA submittal date from 8/22/08 to 7/31/08. A weekly schedule review meeting with JVT is being implemented. The NRC has stated that sufficiency reviews for the Bellefonte COLA will take 60-120 days. The July submittal date is critical with the longer NRC acceptance review schedule. The CPI for the project is 1.11. The CPI has consistently trended under the approved project baseline budget.

2.4.3. PEF SCA Development

The project is approximately 10% complete. The SPI for the project is .82. The CPI is 1.10. Following up with the PM to determine drivers for the documentation work element that is behind schedule.

2.4.4. PEF SS&W Price Finalization

The project is 35% complete. Work is progressing in all four major categories: Building & Yard Areas, Construction, Environmental – Geotechnical, and Project Management. Technical Reports have been issued for Owner Acceptance review on numerous systems. SSW is developing a plan to expedite completing the geotechnical work activities as early as possible.

2.4.5. PEF SS&W Phase 1A Conceptual Design/Planning

Overall Phase 1A project is 76% complete. The SPI & CPI for the project is 1.00. An impact evaluation was approved to revise the target completion date from 10/25/07 until 12/18/07. SSW has completed a re-baseline of the project. The Impact Evaluation was driven by the need to redirect resources to support price finalization work, which is being executed in parallel with Phase 1A work, and receipt of required documentation from the JVT to complete remaining preliminary engineering packages. Significant progress was made during the reporting period in completion of Progress Energy Owner Acceptance Reviews and receipt of COLA material from the JVT.

2.5. Scope Changes

2.5.1. Business Analysis Package (BAP) Changes

Discussions are ongoing with Capital Planning & Control to convert the LNP project from the Business Analysis Package Process (BAP) to the Integrated Project Plan Process (IPP). The current plan is to complete a 2nd COLA BAP revision to bridge the project for work activities required until Price Finalization and EPC negotiations are completed and an updated total project cost can be incorporated into the IPP.

2.5.2. PEC Scope Changes Authorized

Since approval of JVT WA Amendment #4 in April 2007, NPD has approved 10 Impact Evaluations for a total of **REDACTED** These will be incorporated into the next WA Amendment #5. Updated task descriptions to support Amendment #5 are to be submitted by the JVT in November. Most of the Impact Evaluations approved were required to support conceptual design work for site specific

MATINAL

Performance Report October 2007

systems needed for the COLA and for new scope items required for FSAR 2.5. In 2007, 12 Impact Evaluations have been approved for a total of

REDACTED

2.5.3. PEC Potential and/or Pending Scope Changes

Other potential Progress Energy Carolina scope changes include:

- Support of the NRC QA Audit.
- Wind data analysis & CHI/Q calculations per requirements of Reg. Guide 1.23, Revision 1.
- Determine filter requirements for Raw Water Systems.
- Provide COLA Peer Review Support.
- Complete NuStart document deletion process implementation.
- Support NRC Pre-application ER review.

2.5.4. PEF Authorized Scope Changes

Since approval of JVT WA Amendment # 2 in June 2007, NPD has approved 21 Impact Evaluations for a total of **REDACTED** These will be incorporated into the next WA Amendment #3. Updated task descriptions to support Amendment 3 are to be submitted by the JVT in October. Most Impact Evaluations were required to support additional field activities required after selecting the site, and also for conceptual design work for site specific systems needed for the COLA. In 2007, 24 Impact Evaluations have been approved or are pending approval for a total of **REDACTED** The large number of Impact Evaluations and associated cost is due to the Levy Site not being selected at the time the COLA work started.

2.5.5. PEF Potential and/or Pending Scope Changes

Other Progress Energy Florida potential scope changes include:

- Expediting COLA submittal to July 31st, 2008.
- Permitting work to support SSW
- Evaluation of six month Meteorological Data & CHI/Q calculations to resolve EAB distance related risk.
- Independent review of downhole measurements.
- Estimate to complete fieldwork at Levy.
- Soil Resistivity Measurements for Grounding Conceptual Design.
- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis).

2.6. High Risk Issues

The following risk items identified for Management attention for PEC include:

- NRC identified issues with the CH2M Hill field work plan. An independent Assessment Team was formed to evaluate NQA-1 compliance of the field work implementing procedures, field data, and field work plan.
- Expectations for water requirements from the Cape Fear River.

The following risk items identified for Management attention for PEF include:

- Resolution of the site boundary (EAB) as determined by the initial meteorological data.
- Suitability of the soil/rock substrata for AP1000 structures.
- Evaluation & environmental impacts of the makeup and blowdown options.
- Obtaining US Army Corps of Engineer and Florida state concurrence to review permits required to construct Levy site infrastructure in advance of the SCA is required to support the planned in service date.
- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis).
- JVT schedule performance must be closely monitored and improved. CH2MHILL, in particular, has been unsuccessful in meeting schedules. Critical areas include Geotechnical (FSAR 2.5), Environmental Report, the evaluation of meteorological data and preparation of the Site Certification Application (SCA).

2.7. Organization & Staffing

2.7.1. Permanent Positions

The following authorized positions are vacant/ being recruited in the NPD organization:

- Manager Nuclear Plant Engineering vacancy created by promotion of last incumbent, announcement on the position forthcoming.
- Electrical Engineer vacancy created by resignation, recruiting in progress.
- I&C Engineer recruiting in progress.
- Sr Engineer (undesignated discipline), will be posted soon.
- Sr Technical Support Specialist (undesignated discipline), will be posted soon.

2.7.2. Contract Staff

The following functional areas are covered by contract personnel augmentation:

- Field & Construction Management.
- Emergency Planning.
- COLA Administrative Reviews.
- Environmental permitting & licensing.
- Scheduling (part-time support via NGG Fire Protection contract staff).

2.7.3. License Renewal Staffing Transition

A transition plan has been developed for the conclusion of License Renewal activities for HNP.

CONFERENCE

3. Significant Project Decisions

The following significant recently made decisions regarding the Harris and Levy Deployments.

3.1.PEC

- Failure Mode Effects Analysis for the switchyard will be completed per Reg. Guide 1.206 and the NRC Standard Review Plan.
- Technical Support Center will be in the nuclear island as originally designed by Westinghouse.
- Will not excavate the non-active fault that extends to the Unit 2 area prior to COLA submittal.
- To support the ER, will use table top evaluations that show Transmission Right of Way through the county impacted since route is not final.
- Location of the Cape Fear Make-up was finalized.

3.2. PEF

- COLA borings confirming the location & orientation of Units 1&2.
- Conceptual foundation design approach finalized. Compacted fill will be used for the nuclear island, piles will be used for other buildings (i.e.: Turbine, Diesel, and Annex. Buildings).
- Railroad will follow an Eastern route to Dunnellon.
- Transmission line corridors will include three 500kv lines traversing to the South.
- Utilizing a combined Switchyard for both units instead of separate Switchyard.
- The freshwater source for Potable, Demineralized, and Service Water Cooling Tower systems is well water.
- The north bank of the Barge Canal is the tentatively selected option for the Blowdown discharge into the Gulf.
- The Barge Canal is the option selected for the Make-up water intake.

4. Self-Evaluation Results

4.1. Self Assessments and Audits

Upcoming assessments/ audits include:.

- Financial charging Practices 4th Quarter, 2007.
- PES Audit of NPD November 5^{th,} 2007.

4.2. NPD Corrective Action Program (CAP)

The following NPD NCRs were written during October 2007

- 252694 Errors discovered in HAR Emergency Plan after page turn.
- 252015 Improvement opportunities identified in monitoring vendor performance.

Performance Report October 2007

• 251309 – NPD Records Management has records that were transmitted which exceeded the 90 day procedure limit.

4.3. NPD Benchmarking

NPD Self Assessment & Benchmark Coordinator has been named and is working with PES to complete Passport set up of 2008 plans. No formal benchmarks were completed during October 2007.

4.4. NPD Quality Assurance Activities

NGGM-PM-0030 formally documents existing business philosophy to use existing NGGC procedures and processes to implement Appendix B for new plant activities.

- The FSAR Section 2.5 was submitted for page turn without all of the attachments. Also figure numbers do not follow instructions per PI-002.
- A Progress Energy audit is planned in December to verify the JVT actions planned to resolve NRC QA deficiencies.

4.4.1. NRC QA Audit

The NRC QA Audit identified a number of nonconforming conditions. A team for an independent assessment of the CH2M Hill Safety Related activities has been constituted for this assessment.

- The detailed independent assessment plan and schedule was discussed with progress Energy on 11/12/07.
- CH2M is proceeding with the disposition of the 8 CARs from the NRC Audit.
- Initial evaluations will be completed by 12/05/07.
- Fieldwork and subcontractor reports will be completed by 12/31/07.
- Final report is schedule for 01/25/07.

The LNP fieldwork plan and implementing procedures are being reviewed by the Independent team. The fieldwork plan will be submitted to Progress Energy for acceptance once the fieldwork plan is accepted by the independent team including any required revisions. (11/15/07).

4.4.2. NPD Quality Assurance Plan

Quality Assurance Plan for Nuclear Plant Development and Construction Activities is included in NGG Program Manual and approved by Scotty Hinnant, as Chief Nuclear Officer. NGGM-PM-0030, Quality Assurance Plan for New Nuclear Plant Development and Construction Activities, Revision 0 issued and effective June 25, 2007.

• CNO approval of the QA Program Description that will be submitted with the Harris COLA is required.

4.4.3. Planned COLA Reviews

• Peer reviews of Emergency Plan, Security Plan and Environmental Report COLA. Review includes technical, licensing and administrative review.

CONFIDENTIAL

Performance Report October 2007

- An independent review includes Corporate Reg Affairs, QA and NPD.
- Final review will incorporate any required changes from the NRC sufficiency review of the Reference COLA that have been identified by year end.

CONFIDENTIAL

5. Engineering Update

5.1.PEF Land Acquisition

NPD closed on the ~3,105 acre Rayonier site on Sept 13th, 2007. Following the land closing, activities continue to secure permission from FL DOT to install a permanent access road to the site that does not cross non-PGN property.

PEF has also signed a "Contract for Sale and Purchase" for an addition ~ 2100 acre parcel south of the Rayonier site. This site is referred to as the "Lybass property". Per the contract, closing for this additional land must take place by Dec 14th, 2007.

NPD is currently having discussions with outside firms to provide a Phase 1 review of this additional Lybass acreage prior to purchase.

5.2. PEF Field Activities

Field activities were completed on the four deep borings at the Levy site. These holes reamed to 6" diameter and grouted with a 3" ID PVC insert.

P-S logging and Acoustic logging was completed in the 4 deep borings in open holes.

GeoVison built and tested a new "dual source" shear wave plank for down-hole measurements. Geomatrix was provided shear wave data from P-S logging. Geomatrix was also provided the preliminary top of rock contours as well as cross-sections of the soil/rock profiles

5.3. PEF Site Engineering

NPD continues to monitor and support SS&W in Phase 1A site specific engineering activities, including the site layout development and conceptual design packages for the facilities at the Levy site. This Phase 1A activity is expect to take longer than originally expected based on the authorization by PGN for SS&W to start price certainty scope in support of the EPC negotiations.

5.4. PEC Field Activities

Currently, there are no field activities in progress at HAR.

5.5. PEC Site Engineering

HAR site engineering efforts at this time only continue to include only those decisions necessary for COL development. SS&W is currently providing a "constructability review" of the certain specific sections of the HAR COLA to ensure there are not statements inconsistent with their plans/capabilities to construct the plant. HAR Phase 1A SS&W conceptual design and planning continues to be estimated to start late 2007 or early 2008.

5.6. AP1000 Design Activities

Performance Report October 2007

PGN working through the NuStart Engineering committee continues the review of AP1000 Design Change Packages (DCPs) and design finalization products from WEC. Issues currently under resolution include:

- Use of a cable bridge on the Integrated Head
- Increasing the capacity of new fuel storage racks
- Transformer spacing and order
- Leakage margins (prior to LCOs) on the Main Control Room emergency habitability system
- NRC approval of Xi/Q methodology
- Turbine Building Closed Cooling Water System availability during refueling outages for selected components.

NPD Engineering will continue to work through these issues with WEC.

DCD revision 16 included several important changes needed for the HAR and LNP sites including:

- Resolution of Xi/Q and associated Control Doses
- Inclusion of security feature physical changes
- Changes to ambient temperature limits (wet bulb and dry bulb) for siting in Florida
- Addition of multiple tanks in the radwaste building to increase hold-up capacity for effluent management.
- Reactor Auxiliary Transformer with Fast Bus Transfer

WEC's DCD Revision 16 amendment to the DCD remains under review by the NRC. There is no NRC decision yet on the docketing of the DCD change.

6. Licensing Update

6.1.PEC

Current schedule predicts a COLA submittal date of 1/30/08 – Delay due to late submittal of NuStart sections and to allow incorporation of NRC comments regarding the R-COLA. TVA submitted the R-COLA (Bellefonte) on 10/30/07 as scheduled. NRC sufficiency review is expected to take 60 days.

6.2.PEF

Current schedule predicts a COLA submittal date of 8/22/08. The COLA must be accepted by the NRC on 12/31/08 to be eligible for Production Tax Credits. JVT is reviewing actions needed to improve submittal date to July 30, 2007 but if that is practical has not been determined.

We expect that LWA will be desired to support soil remediation (backfill) and other construction activities prior to COL. Construction schedule and tasks are being evaluated to determine scope of LWA.



Site Certification Application (SCA) is scheduled for submittal in June 2008. We anticipate that pre-construction work will require permits to be issued in advance of SCA. We anticipate that this will be a significant challenge to the LNP schedule and may be the critical path for the LNP project. Scope and schedule for required permits is being developed and meetings with the state agencies will be setup to review permitting needs.

6.3. Regulatory Update

No update.

7. License Renewal Update

- 7.1. HNP License Renewal Application Review NRC Audits have been completed. NRC RAIs are being processed.
- 7.2. CR3 License Renewal Application Development

IPA calculations are in progress for ECCS, Fire Services & Sampling, Raw Water and Steam systems. Civil AMR for outside areas is approximately 65% complete. Project is on schedule with license submittal January 2009.

8. NuStart Development LLC Update

NuStart officially submitted the Bellefonte AP1000 Reference R-COLA on October 30^{tht}, 2007.

9. APOG LLC Update

The APOG LLC (which stands for Advanced Passive 1000 Owners Group) was officially formed in August 2007, with initial members consisting of Progress Energy, SCANA, Duke Energy, and Southern. The first kick-off meeting was held Sept 5th, 2007. No APOG meetings were held during this reporting period.

10. Public and Media Interaction

The NRC completed a pre-application public visit for the Harris COLA in Apex NC on Sept 18th, 2007.

S. M. LANKL



Nuclear Plant Development & License Renewal

Performance Report

November 2007

Progress Energy, Inc. 410 South Wilmington Street Raleigh, North Carolina 27602



Submitted by

Supervisor Projects Controls

Approval

General Manager NPD&LR:

Performance Report November 2007

Table of Contents

1. Ex	ecutive Summary	.4
1.1	Safety	.4
1.2.	Cost	.4
1.3.	Schedule	.4
1.4.	Key Issues	
1.5.	Look Ahead	
2. Pr	oject Performance Data and KPIs	.6
2.1.		
2.2.	Cost Performance	.6
2.3.		.8
2.4.		
2.4	1.1. PEC COLA Development	
	1.2. PEF COLA Development	
	1.3. PEF SCA Development	
	1.4. PEF SS&W Price Finalization	
	1.5. PEF SS&W Phase 1A Conceptual Design/Planning	
	Scope Changes	
	5.1. Business Analysis Package (BAP) Changes	
	5.2. PEC Scope Changes Authorized	
	5.3. PEC Potential and/or Pending Scope Changes	
	5.4. PEF Authorized Scope Changes	
	5.5. PEF Potential and/or Pending Scope Changes	
	High Risk Issues	
	Organization & Staffing	
	7.1. Permanent Positions	
	7.2. Contract Staff	
	7.3. License Renewal Staffing Transition	
	gnificant Project Decisions.	
	PEC	
	PEF	
	elf-Evaluation Results	
4.1.		
4.2.		
4.3.		
4.4.		12
	4.1. NRC QA Audit	
	4.2. NPD Quality Assurance Plan	
	4.3. Planned COLA Reviews	
	ngineering Update	
	PEF Land Acquisition	
5.2.	PEF Field Activities	
5.3.		
5.4.	• •	
v	I MA I MAR STAR STAR STAR	

-

.

Performance Report November 2007

.

5.	5. PEC Site Engineering	
5.	6. AP1000 Design Activities	
6. Licensing Update		
6.	1. PEC	
	2. PEF	
	3. Regulatory Update	
	License Renewal Update	
7.	1. HNP License Renewal Application Review	
	2. CR3 License Renewal Application Development	
	NuStart Development LLC Update	
	APOG LLC Update	
10.	Public and Media Interaction	

-

Performance Report November 2007

1. Executive Summary

1.1. Safety

There were no health and safety issues to report for the month of November.

1.2. Cost

REDACTED

1.3. Schedule

PEC COLA - The project is 97% complete. Work is proceeding per the PEC End Game Schedule. ER page turn comments are being incorporated, Security Plan page turn is complete, and page turn has been completed for all FSAR chapters except for 1 and 13 and Sections 2.0, and 2.5. The project schedule has been updated to reflect an October 31, 2007 NuStart COLA submittal date. Due to the late completion of the NuStart FSAR sections and the Security Plan, the COLA submittal date from JVT to Progress Energy is now scheduled for January 7, 2008. Submittal to the NRC is scheduled for January 30, 2008.

PEF COLA -The project is 59% complete. Fieldwork delays, completing the vibratory ground motion report, and insufficient progress made on certain FSAR and ER Chapters are the biggest challenges to the schedule. JVT and Progress Energy have developed a plan to expedite the schedule to improve the targeted COLA submittal date from 8/22/08 to 7/31/08. A weekly schedule review meeting with JVT is in progress. The NRC has stated that sufficiency reviews for the Bellefonte COLA will take 60-120 days. The July submittal date is critical with the longer NRC acceptance review schedule. The COLA must be filed with the NRC by 12/31/08 to be eligible for Production Tax Credits.

PEF Price Finalization (Shaw) – The project is 43% complete. Work is progressing in all four major categories, Building & Yard Areas, Construction, Environmental – Geotechnical, and Project Management. Technical Reports have been issued for review on numerous systems. SSW is developing a plan to expedite completing the geotechnical work activities as early as possible.

Performance Report November 2007

PEF Price Finalization (WEC) – Continued development of the Standard Plant Overnight Cost Book and the Standard Plant Generic 2 unit schedule. The cost book is 85% complete and the schedule is 20% complete. The Standard Plant Cost Book and the Standard Plant Generic Schedule are planned to be submitted on 12/17/07.

PEF Phase 1A Activities – The project is 81% complete. An impact evaluation has been approved to revise the target completion date from 10/25/07 until 12/18/07. SSW has completed a re-baseline of the project. The need for an Impact Evaluation was driven by the need to redirect resources to support price finalization work, which is being executed in parallel with Phase 1A work, and receipt of required documentation from the JVT to complete remaining preliminary engineering packages. Significant progress was made during the reporting period in completion of Progress Energy Owner Acceptance Reviews and receipt of COLA material from the JVT.

PEF Site Certification Application – The project is 10% complete. The appendeces and documentation work element of the project is slightly behind schedule. Follow up with CH2M PM.

1.4. Key Issues

- Site specific ITAAC to address soil remediation will be required by the NRC.
- FPSC Need Determination Petition to be filed in January 2008 requires updated cost. Updated power block costs received in November will be incorporated. Currently working with SSW to incorporate updated site specific cost that have higher risk construction activities prior to the Levy Total Site cost books which will be delivered in February 2008.
- Address comments received from the Florida Department of Community Affairs related to wetlands protection and the Gulf and Barge Canal impacts.
- JVT has developed an action plan to address NRC QA Audit nonconformance conditions. The plan includes a complete review of CH2MHILL field activities for geotechnical investigation at Harris and Levy and correction of deficiencies. The investigation team is composed of QA and geotechnical personnel from Sargent & Lundy and Worley Parsons. In addition, Progress Energy will conduct an audit of these activities to confirm completeness and accuracy. Final team report is scheduled for January 25, 2008 and must be completed prior to final Harris COLA approval.

1.5. Look Ahead

- AP1000 Standard Plant Cost Book and standard plant schedule is scheduled for delivery on 12/14/07
- Closing on Lybass property expected to occur on 12/14/07.
- December 2007 Board of Director's Meeting to request approval of the Need Filing & Joint Ownership percentage ownership.
- Harris COLA submittal targeted for January 30, 2008.

Performance Report November 2007

2. Project Performance Data and KPIs

2.1. KPI Summary

Project Cost Current Year Project Cost Total COLA BAP Major Milestone Achievement



PEF COLA SPI -.91 PEF COLA CPI -1.09 PEC COLA SPI -1.00 PEC COLA CPI-1.13 Shaw PH 1A SPI -1.00 Shaw PH 1A CPI -1.38 Shaw Price Final SPI - 1.00 Shaw Price Final CPI - 1.26 SCA SPI --.94 SCA CPI -.98

2.2. Cost Performance

REDACTED

PAGE 7 REDACTED

Performance Report November 2007

2.3. Contract Status (exceeding \$ 100k)

REDACTED

2.4. Schedule Performance

2.4.1. PEC COLA Development

The project is 97% complete. Work is proceeding per the PEC End Game Schedule. ER page turn comments are being incorporated, Security Plan page turn is complete, and page turn has been completed for all FSAR chapters except for 1 and 13 and Sections 2.0, and 2.5. The project schedule has been updated to reflect an October 31, 2007 NuStart COLA submittal date. Due to the late completion of the NuStart FSAR sections and the Security Plan, the COLA submittal date from JVT to Progress Energy is now scheduled for January 7, 2008. Submittal to the NRC is scheduled for January 30, 2008.

2.4.2. PEF COLA Development

The project is 59% complete. Fieldwork delays, completing the vibratory ground motion report, and insufficient progress made on certain FSAR and ER Chapters are the biggest challenges to the schedule. JVT and Progress Energy have developed a plan to expedite the schedule to improve the targeted COLA submittal date from 8/22/08 to 7/31/08. A weekly schedule review meeting with JVT is in progress. The NRC has stated that sufficiency reviews for the Bellefonte COLA will take 60-120 days. The July submittal date is critical with the longer NRC acceptance review schedule. The COLA must be filed with the NRC by 12/31/08 to be eligible for Production Tax Credits.

2.4.3. PEF SCA Development

The project is approximately 10% complete. The SPI for the project is .94. The CPI is .98. Following up with the PM to determine drivers for Appendices and Documentation work elements that are behind schedule.

2.4.4. PEF SS&W Price Finalization

The project is 43% complete. Work is progressing in all four major categories, Building & Yard Areas, Construction, Environmental – Geotechnical, and Project Management. Technical Reports have been issued for review on numerous systems. SSW is developing a plan to expedite completing the geotechnical work activities as early as possible. WEC continued development of the Standard Plant Overnight Cost Book and the Standard Plant Generic 2 unit schedule. The cost book is 85% complete and the schedule is 20% complete. The Standard Plant Cost Book and the Standard Plant Generic Schedule are planned to be submitted on 12/17/07.

2.4.5. PEF SS&W Phase 1A Conceptual Design/Planning

The SPI is 1.00 & CPI is 1.38 for the project. The project is 81% complete. An impact evaluation has been approved to revise the target completion date from 10/25/07 until 12/18/07. SSW has completed a re-baseline of the project. The need for an Impact Evaluation was driven by the need to redirect resources to support price finalization work, which is being executed in parallel with Phase 1A work, and receipt of required documentation from the JVT to complete remaining preliminary engineering packages. Significant progress was made during the reporting period in completion of Progress Energy Owner Acceptance Reviews and receipt of COLA material from the JVT.

2.5. Scope Changes

2.5.1. Business Analysis Package (BAP) Changes

Discussions are ongoing with Capital Planning & Control to convert the LNP project from the Business Analysis Package Process (BAP) to the Integrated Project Plan Process (IPP). The current plan is to complete a 2nd COLA BAP revision to bridge the project for work activities required until Price Finalization and EPC negotiations are completed and an updated total project cost can be incorporated into the IPP.

2.5.2. PEC Scope Changes Authorized

Since approval of JVT WA Amendment # 4 in April 2007, NPD has approved 14 Impact Evaluations for a total of **REDACTED** hese will be incorporated into the next WA Amendment #5. Updated task descriptions to support Amendment #5 are to be submitted by the JVT. Most of the Impact Evaluations approved were required to support conceptual design work for site specific systems needed for the COLA and for new scope items required for FSAR 2.5.

Performance Report November 2007

2.5.3. PEC Potential and/or Pending Scope Changes

- Other potential Progress Energy Carolina scope changes include:
 - Support of the NRC QA Audit.
 - Complete NuStart document deletion process implementation.
 - Support NRC Pre-application ER review.

2.5.4. PEF Authorized Scope Changes

Since approval of JVT WA Amendment # 2 in June 2007, NPD has approved 25 Impact Evaluations for a total of **REDACTED** These will be incorporated into the next WA Amendment #3. Updated task descriptions to support Amendment 3 are to be submitted by the JVT. Most Impact Evaluations were required to support additional field activities required after selecting the site, and also for conceptual design work for site specific systems needed for the COLA. The large number of Impact Evaluations and associated cost is due to the Levy Site not being selected at the time the COLA work started.

2.5.5. PEF Potential and/or Pending Scope Changes

Other Progress Energy Florida potential scope changes include:

- Expediting COLA submittal to July 31st, 2008.
- Soil Restivity Measurements for Grounding Conceptual Design.
- FIRS consistent Time History
- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis)
- Additional Barge Canal Water Quality data
- Preconstruction permit activities (SCA)
- Railroad permitting (SCA)
- Technical items identified by NRC during ER pre-application meeting (SCA)

2.6. High Risk Issues

The following risk items identified for Management attention for PEC include:

- NRC identified issues with the CH2M Hill filed work plan. An independent, Assessment Team was formed to evaluate NQA-1 compliance of the field work implementing procedures, field data, and field work plan.
- Expectations for water requirements from the Cape Fear River.

The following risk items identified for Management attention for PEF include:

- Resolution of the site boundary (EAB) as determined by the initial meteorological data.
- Suitability of the soil/rock substrata for AP1000 structures.
- Evaluation & environmental impacts of the makeup and blowdown options.
- Obtaining US Army Corps of Engineer and Florida state concurrence to review permits required to construct Levy site infrastructure in advance of the SCA is required to support the planned in service date.

Performance Report November 2007

- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis).
- JVT schedule performance must be closely monitored and improved. CH2MHILL, in particular, has been unsuccessful in meeting schedules. Critical areas include Geotechnical (FSAR 2.5), Environmental Report, evaluation of meteorological data and preparation of the Site Certification Application (SCA).

2.7. Organization & Staffing

2.7.1. Permanent Positions

The following authorized positions are vacant/ being recruited in the NPD organization:

- Manager Nuclear Plant Engineering vacancy created by promotion of last incumbent, announcement on the position forthcoming.
- Electrical Engineer vacancy created by resignation, recruiting in progress.
- I&C Engineer recruiting in progress.
- Sr Engineer (undesignated discipline), will be posted soon.
- Sr Technical Support Specialist (undesignated discipline), will be posted soon.

2.7.2. Contract Staff

The following functional areas are covered by contract personnel augmentation:

- Field & Construction Management.
- Emergency Planning.
- COLA Administrative Reviews.
- Environmental permitting & licensing.
- Scheduling (part-time support via NGG Fire Protection contract staff).

2.7.3. License Renewal Staffing Transition

A transition plan has been developed for the conclusion of License Renewal activities for HNP.

3. Significant Project Decisions

The following significant recently made decisions regarding the Harris and Levy Deployments.

3.1. PEC

- Failure Mode Effects Analysis for the switchyard will be completed per Reg. Guide 1.206 and the NRC Standard Review Plan.
- Technical Support Center will be in the nuclear island as originally designed by Westinghouse.
- Will not excavate the non-active fault that extends to the Unit 2 area prior to COLA submittal.

Performance Report November 2007

- To support the ER, will use table top evaluations that show Transmission Right of Way through the county impacted since route is not final.
- Location of the Cape Fear Make-up was finalized.
- 3.2. PEF
 - COLA borings confirming the location & orientation of Units 1&2.
 - Conceptual foundation design approach finalized. Compacted fill will be used for the nuclear island, piles will be used for other buildings (i.e.: Turbine, Diesel, and Annex. Buildings).
 - Railroad will follow an Eastern route to Dunnellon.
 - Transmission line corridors will include three 500kv lines traversing to the South.
 - Utilizing a combined Switchyard for both units instead of separate Switchyard.
 - The freshwater source for Potable, Demineralized, and Service Water Cooling Tower systems is well water.
 - The north bank of the Barge Canal is the tentatively selected option for the Blowdown discharge into the Gulf.
 - The Barge Canal is the option selected for the Make-up water intake.

4. Self-Evaluation Results

4.1. Self Assessments and Audits

Upcoming assessments/ audits include:.

- Financial charging Practices 4th Quarter, 2007.
- PES Audit of NPD November 5^{th,} 2007.

4.2. NPD Corrective Action Program (CAP)

The following NPD NCRs were written during November 2007

- 253940 Training & Qualification Record problems
- 253941 Document not in QA Records
- 253943 NRC pre-COLA QA Audit potential audit response request
- 253945 Non-Qualified individual signed for Qualified individual

4.3. NPD Benchmarking

NPD Self Assessment & Benchmark Coordinator has been named and is working with PES to complete Passport set up of 2008 plans. No formal benchmarks were completed during November 2007.

4.4. NPD Quality Assurance Activities

NGGM-PM-0030 formally documents existing business philosophy to use existing NGGC procedures and processes to implement Appendix B for new plant activities.

• The FSAR Section 2.5 was submitted for page turn without all of the attachments. Also figure numbers do not follow instructions per PI-002.

• A Progress Energy audit is planned in December to verify the JVT actions planned to resolve NRC QA deficiencies.

4.4.1. NRC QA Audit

The NRC QA Audit identified a number of nonconforming conditions. A team for an independent assessment of the CH2M Hill Safety Related activities has been constituted for this assessment.

- The detailed independent assessment plan and schedule was discussed with progress Energy on 11/12/07.
- CH2M is proceeding with the disposition of the 8 CARs from the NRC Audit.
- Initial evaluations will be completed by 12/05/07.
- Fieldwork and subcontractor reports will be completed by 12/31/07.
- Final report is schedule for 01/25/07.

The LNP fieldwork plan and implementing procedures are being reviewed by the Independent team. The fieldwork plan will be submitted to Progress Energy for acceptance once the fieldwork plan is accepted by the independent team including any required revisions. (11/15/07).

4.4.2. NPD Quality Assurance Plan

Quality Assurance Plan for Nuclear Plant Development and Construction Activities is included in NGG Program Manual and approved by Scotty Hinnant, as Chief Nuclear Officer. NGGM-PM-0030, Quality Assurance Plan for New Nuclear Plant Development and Construction Activities, Revision 0 issued and effective June 25, 2007.

- CNO approval of the QA Program Description that will be submitted with the Harris COLA is required.
- 4.4.3. Planned COLA Reviews
 - Peer reviews of Emergency Plan, Security Plan and Environmental Report COLA. Review includes technical, licensing and administrative review.
 - An independent review includes Corporate Reg Affairs, QA and NPD.
 - Final review will incorporate any required changes from the NRC sufficiency review of the Reference COLA that have been identified by year end.

5. Engineering Update

5.1. PEF Land Acquisition

PGN awarded a contract to Nordase & Associates for the completion of a Phase 1 review of the Lybass property to be completed by the end-of-November 2007.

The review was completed and no issues were identified by Nordase that would prevent closing on the Lybass property on or before Dec 14th, 2007.

5.2. PEF Field Activities

Field activities continue at the Levy site. GeoVision and Technos were re-mobilized following the availability of the four deep holes on the Levy site. The remaining field geophysical measurements by Technos have been completed. GeoVision scope is scheduled for completion on Dec 8th, 2007.

5.3. PEF Site Engineering

NPD continues the oversight and review of products produced by SS&W on the Phase 1A site specific Work Authorization. Detailed site layout design activities continue, and are coupled with the JVT COLA preparer to translate the proposed layout into a grading plan. The grading plan further relates to the site flooding analysis.

Conceptual design packages (CDPs) continue to be developed by SS&W and are ongoing review by NPD engineers.

5.4. PEC Field Activities

Currently, there are no field activities in progress at HAR.

5.5. PEC Site Engineering

HAR Phase 1A SS&W conceptual design and planning continues to be estimated to start in late 2007 or early 2008.

5.6. AP1000 Design Activities

The NRC has yet to docket the DCD revision 16 submittal by WEC. Ongoing discussions continue between WEC and the NRC on this DCD amendment request, with WEC submitting additional TRs. In November, the NRC notified WEC that the amendment was now ready for a sufficiency review.

NPD continues active involvement in the NuStart Engineering Committee with the following active issues under resolution:

- Use of a cable bridge on the Integrated Head
- Transformer spacing and order

C. Fridan Int

Performance Report November 2007

<u>CONTENTA</u>

- Leakage margins (prior to LCOs) on the Main Control Room emergency habitability system
- NRC approval of Xi/Q methodology
- Turbine Building Closed Cooling Water System availability during refueling outages for selected components.

6. Licensing Update

6.1. PEC

Current schedule predicts a COLA submittal date of 1/30/08. End-game schedule has been developed to detail activities required to complete final review of COLA and electronic packaging for submittal to NRC.

NRC QA Audit of Harris COLA identified deficiencies with CH2MHILL QA controls. We expect an Audit Response Requests (ARR) related to the Harris geotechnical field work in the following areas:

- Training & Qualifications
- Procedure Control (QA Review and Revision Control)
- Design Control (interchange of information)

We are working with JVT to develop action plan for resolution.

6.2. PEF

Current schedule predicts a COLA submittal date of 8/22/08. The COLA must be accepted by the NRC on 12/31/08 to be eligible for Production Tax Credits. JVT is reviewing actions needed to improve submittal date to July 30, 2007 but if that is practical has not been determined. A meeting is planned with JVT members to review actions needed to improve schedule. This may involve reassignment of responsibility for some activities.

We expect that LWA will be desired to support soil remediation (backfill) and other construction activities prior to COL. Construction schedule and tasks are being evaluated to determine scope of LWA.

Site Certification Application (SCA) is scheduled for submittal in June 2008. We anticipate that pre-construction work will require permits to be issued in advance of SCA. We anticipate that this will be a significant challenge to the LNP schedule and may be the critical path for the LNP project. Scope and schedule for required permits is being developed and meetings with the state agencies will be setup to review permitting needs.

6.3. Regulatory Update No update.

Performance Report November 2007

7. License Renewal Update

7.1. HNP License Renewal Application Review

NRC Audits have been completed. NRC RAIs are being processed.

7.2. CR3 License Renewal Application Development

IPA calculations are in progress for ECCS, Fire Services & Sampling, Raw Water and Steam systems. Civil AMR for outside areas is approximately 65% complete. Project is on schedule with license submittal January 2009.

8. NuStart Development LLC Update

NuStart submitted the Bellefonte AP1000 Reference COLA (R-COLA) on October 30th, 2007. The NRC advised NuStart that the sufficiency review for this COLA officially started on November 19th, 2007 and was expected to take ~ 60 to 120 days.

The process for controlling RAIs on the reference COLA continues to be developed.

9. APOG LLC Update

No APOG meetings occurred during November 2007.

10. Public and Media Interaction

No significant public and/or media interaction occurred in November 2007 related to new nuclear plant development.



Nuclear Plant Development & License Renewal

Performance Report

December 2007

Progress Energy, Inc. 410 South Wilmington Street Raleigh, North Carolina 27602



Submitted by

Supervisor Projects Controls

Approval

General Manager NPD&LR:

6 m

......

_

Table of Contents

1. Executive Summary	.4
1.1. Safety	. 4
1.2. Cost	. 4
1.3. Schedule	. 4
1.4. Key Issues	. 5
1.5. Look Ahead	. 5
2. Project Performance Data and KPIs	.6
2.1. KPI Summary	
2.2. Cost Performance	
2.3. Contract Status (exceeding \$ 100k)	. 8
2.4. Schedule Performance	.9
2.4.1. PEC COLA Development	.9
2.4.2. PEF COLA Development	. 9
2.4.3. PEF SCA Development	.9
2.4.4. PEF SS&W Price Finalization	.9
2.4.5. PEF SS&W Phase 1A Conceptual Design/Planning	10
2.5. Scope Changes	
2.5.1. Business Analysis Package (BAP) Changes	
2.5.2. PEC Scope Changes Authorized	
2.5.3. PEC Potential and/or Pending Scope Changes	10
2.5.4. PEF Authorized Scope Changes	
2.5.5. PEF Potential and/or Pending Scope Changes	
2.6. High Risk Issues	
2.7. Organization & Staffing	12
2.7.1. Permanent Positions	12
2.7.2. Contract Staff	12
2.7.3. License Renewal Staffing Transition	12
3. Significant Project Decisions	12
3.1. PEC	12
3.2. PEF	13
4. Self-Evaluation Results	13
4.1. Self Assessments and Audits	13
4.2. NPD Corrective Action Program (CAP)	13
4.3. NPD Benchmarking	13
4.4. NPD Quality Assurance Activities	13
4.4.1. NRC QA Audit	14
4.4.2. NPD Quality Assurance Plan	14
4.4.3. Planned COLA Reviews	
5. Engineering Update	15
5.1. PEF Land Acquisition	
5.2. PEF Field Activities	
5.3. PEF Site Engineering	15
5.4. PEC Field Activities	15

.

.

Performance Report December 2007

5.	5. F	PEC Site Engineering	. 15
		AP1000 Design Activities	
		ensing Update	
		PEC	
		PEF	
6.	.3. F	Regulatory Update	. 16
		ense Renewal Update	
		HNP License Renewal Application Review	
		CR3 License Renewal Application Development	
8.	NuS	Start Development LLC Update	. 17
9.		DG LLC Update	
10.	Pu	Iblic and Media Interaction	.17

CONFIGURAL

1. Executive Summary

1.1. Safety

There are no health and safety issues to report for the month of December 2007.

1.2. Cost

REDACTED

1.3. Schedule

PEC COLA - The project is 99% complete. Work is proceeding on schedule per the PEC End Game Schedule. With the later than planned completion of the NuStart FSAR sections and the Security Plan, the integrated COLA submittal date from JVT to Progress Energy is now scheduled for January 4, 2008. Submittal to the NRC is scheduled for January 30, 2008.

PEF COLA -The project is 63% complete. Impact Evaluation # 109 has been submitted and upon approval sets the baseline that supports a July 31, 2008 COLA submittal to the NRC. The improvement in COLA schedule is the result of significant planning and implementation of an alternate approach to complete FSAR 2.5. Critical work activities include complete and issue FASR 2.4, FSAR 2.5, and ER Chapter 7.

PEF Price Finalization (Shaw) – The project is 66% complete. Final reviews of cost book write-ups and estimates are being completed in all four major categories, Building & Yard Areas, Construction, Environmental – Geotechnical, and Project Management. Updates are continuing to be provided to Westinghouse to support delivery of the Levy schedule on January 31, 2008. Critical work activity continues to be on completing the proposed plan for the BOP Geological Site Investigation. Due date is 1/15/08.

PEF Phase 1A Activities – The project is 100% complete for all original tasks (1-10). Progress is requesting formal documentation from Shaw of task completion and acceptance and that no additional charges are expected. Remaining items for the work authorization is for Task 11, Levy COLA constructability reviews and Task 13, Early Permitting Support.

Performance Report December 2007

PEF Price Finalization (Westinghouse) – Remaining project milestones are on schedule. The November 29th milestone for delivery of the standard plant cost book was delayed and issued on December 17th. December activities focused on completing the standard plant generic two unit schedule and the standard plant cost book. On schedule to deliver integrated price book on February 14th.

PEF Site Certification Application – The project is 15% complete. Current schedule indicates all activities are currently on schedule to support June 2008 SCA submittal. Current critical activities are developing Appendices for state and federal permits, the land use plan, and zoning. Requesting additional details is included in future JVT Status Reports.

1.4. Key issues

- Site specific ITAAC to address soil remediation will be required by the NRC.
- FPSC Need Determination Petition to be filed in January 2008 requires updated cost. Updated power block costs received in December have been incorporated. Costs provided by Westinghouse have increased significantly. It is anticipated that site specific costs will also rise. Meetings schedule with Westinghouse to address this issue.
- CH2M must close all corrective actions related to the Harris COLA before January 25th, 2008. The final Independent assessment Team report is scheduled for January 28, 2008 and must be completed prior to final Harris COLA approval.
- Establish DOR and determine the impact of the requirement by the Army Corp. of Engineers to not accept segmented approach to early permitting.

1.5. Look Ahead

- Submit updated total project cost estimate to System Planning to support Need Filing by January 4th, 2008.
- NRC Pre-application inspection of Levy site selection process Jan 7th,
- Technical meeting with NRC staff to discuss geotechnical topics associated with the Levy County site - Jan 10th
- Electronically linked integrated COLA to be submitted to Progress Energy on January 11th, 2008.
- Sr. Management meeting between Progress Energy and Westinghouse Shaw Stone & Webster to be held January 19th.
- Harris COLA submittal to NRC targeted for January 30, 2008.
- Delivery of Levy project schedule from Westinghouse January 31, 2008.
- Independent assessment team final report scheduled for January 30th, 2008.
- Need filing submittal targeted for January 31, 2008.

Performance Report December 2007

2. Project Performance Data and KPIs

2.1. KPI Summary

Project Cost Current Year Project Cost Total COLA BAP Major Milestone Achievement



PEF COLA SPI -0.97 PEF COLA CPI -1.04 PEC COLA SPI -1.00 PEC COLA CPI -1.10 Shaw PH 1A SPI -1.00 Shaw PH 1A CPI -1.35 Shaw Price Final SPI - 1.00 Shaw Price Final CPI- 1.15 SCA SPI -0.97 SCA CPI -0.99



2.2. Cost Performance

REDACTED

PAGES 7 - 8 REDACTED

2.4. Schedule Performance

2.4.1. PEC COLA Development

Overall COLA project is 99% complete. The Schedule Performance Index (SPI) for the project is 1.00. Work is proceeding on schedule per the PEC End Game Schedule. With the later than planned completion of the NuStart FSAR sections and the Security Plan, the integrated COLA submittal date from JVT to Progress Energy is now scheduled for January 4, 2008. Submittal to the NRC is scheduled for January 30, 2008. The Cost Performance Index (CPI) for the project is 1.10. The project CPI has consistently trended under the approved project baseline budget.

2.4.2. PEF COLA Development

Overall COLA project is 63% complete. The SPI for the project is 0.97. The SPI has been trending behind schedule since June 2007. Impact Evaluation # 109 has been submitted and upon approval sets the baseline that supports a July 31, 2008 COLA submittal to the NRC. The improvement in COLA schedule is the result of significant planning and implementation of an alternate approach to complete FSAR 2.5. Critical work activities include complete and issue FASR 2.4, FSAR 2.5, and ER Chapter 7. Weekly schedule review meetings to review critical items, action items, and upcoming activities with the JVT continue. The NRC has stated that sufficiency reviews for the Bellefonte COLA will take 60-120 days. The July submittal date is critical with the longer NRC acceptance review schedule. The CPI for the project is 1.04. The CPI has consistently trended under the approved project baseline budget.

2.4.3. PEF SCA Development

The project is approximately 15% complete. The SPI for the project is .97. The CPI is .99. Current schedule indicates all activities are currently on schedule to support June 2008 SCA submittal. Current critical activities are developing Appendices for state and federal permits, the land use plan, and zoning. Requesting additional details is included in future JVT Status Reports.

2.4.4. PEF SS&W Price Finalization

The project is 66% complete. The SPI is 1.0. Final reviews of cost book writeups and estimates are being completed in all four major categories, Building & Yard Areas, Construction, Environmental – Geotechnical, and Project Management. Updates are continuing to be provided to Westinghouse to support delivery of the Levy schedule on January 31, 2008. Critical work activity continues to be on completing the proposed plan for the BOP Geological Site Investigation. Due date is 1/15/08. The CPI is 1.15 with current forecasted cost expected to be approximately under the funds authorized.

REDACTED

2.4.5. PEF Westinghouse Price Finalization

Remaining project milestones are on schedule. The November 29th milestone for delivery of the standard plant cost book was delayed and issued on December 17th. December activities focused on completing the standard plant generic two unit schedule and the standard plant cost book. On schedule to deliver integrated price book on February 14th.

2.4.6. PEF SS&W Phase 1A Conceptual Design/Planning

Overall Phase 1A project is 100% complete for the original tasks. The SPI for the project is 1.00 (approved impact evaluation established a re-baseline for project). Progress Energy review of CDP's completed. Remaining open items are to complete comment resolution on 5 packages and complete review of the interface report for site security. The CPI is 1.35 with current forecasted cost to

REDACTED be under the *I* funds authorized. This underun will be utilized to fund the majority of the cost for additional impact evaluations submitted for COLA Constructability Reviews (Task 11) and Early Permitting Support (Task 12).

2.5. Scope Changes

2.5.1. Business Analysis Package (BAP) Changes

Discussions are ongoing with Capital Planning & Control to convert the LNP project from the Business Analysis Package Process (BAP) to the Integrated Project Plan Process (IPP). The current plan is to complete a 2nd COLA BAP revision to bridge the project for work activities required until Price Finalization and EPC negotiations are completed and an updated total project cost can be incorporated into the IPP.

REDACTED

2.5.2. PEC Scope Changes Authorized

REDACTED

2.5.3. PEC Potential and/or Pending Scope Changes

Other potential Progress Energy Carolina scope changes include:

All identified items were resolved. No items currently identified.

Performance Report

December 2007

REDACTED

2.5.4. PEF Authorized Scope Changes

- Since approval of JVT WA Amendment # 2 in June 2007. NPD has approved 33 Impact Evaluations for a total of REDACTED These will be incorporated into the next WA Amendment #3. Updated task descriptions to support Amendment 3 have been submitted by the JVT and work on the WA amendment is proceeding. Most Impact Evaluations were required to support additional field activities required after selecting the site, and also for conceptual design work for site specific systems needed for the COLA. It should be noted that the large number of Impact Evaluations and associated cost is due to the Levy Site not being selected at the time the COLA work started. Also, 2 Impact Evaluations were reviewed and rejected for a total of REDACTED
- Since approval of JVT WA # 3 for the Site Certification Application in July 2007, 2 Impact Evaluations were approved for a total of The Impact Evaluations incorporated new scope related to Federal Permitting and Baseline Ecological Survey.
- Since approval of SSW WA#2 for Phase 1A support, one impact evaluation was approved for o complete COLA constructability reviews. Impact Evaluation pending for Early Permitting Support.

2.5.5. PEF Potential and/or Pending Scope Changes

Other Progress Energy Florida potential scope changes include:

- Soil Resistivity Measurements for Grounding Conceptual Design.
- NRC ER comment resolution & documentation.
- SCA- pre-construction permitting activities.
- SCA- railroad permitting.
- SCA- additional meetings for agency coordination and project management.

2.6. High Risk Issues

The following risk items identified for Management attention for PEC include:

- NRC identified issues with the CH2M Hill field work plan. An independent Assessment Team was formed to evaluate NQA-1 compliance of the field work implementing procedures, field data, and field work plan.
- Expectations for water requirements from the Cape Fear River.

The following risk items identified for Management attention for PEF include:

- Resolution of the site boundary (EAB) as determined by the initial meteorological data.
- Suitability of the soil/rock substrata for AP1000 structures.
- Evaluation & environmental impacts of the makeup and blowdown options.

Performance Report December 2007

CONTRACTOR .

- Obtaining US Army Corps of Engineer and Florida state concurrence to review permits required to construct Levy site infrastructure in advance of the SCA is required to support the planned in service date.
- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis).
- JVT schedule performance must be closely monitored and improved. CH2MHILL, in particular, has been unsuccessful in meeting schedules. Critical areas include Geotechnical (FSAR 2.5), Environmental Report, and evaluation of meteorological data and preparation of the Site Certification Application (SCA).

2.7. Organization & Staffing

2.7.1. Permanent Positions

The following authorized positions are vacant/ being recruited in the NPD organization:

- Manager Nuclear Plant Engineering vacancy filled.
- Electrical Engineer vacancy created by resignation, recruiting in progress.
- I&C Engineer recruiting in progress.
- Sr Engineer (undesignated discipline), will be posted soon.
- Sr Technical Support Specialist (undesignated discipline), will be posted soon.

2.7.2. Contract Staff

The following functional areas are covered by contract personnel augmentation:

- Field & Construction Management.
- Emergency Planning.
- COLA Administrative Reviews.
- Environmental permitting & licensing.
- Scheduling (part-time support via NGG Fire Protection contract staff).

2.7.3. License Renewal Staffing Transition

A transition plan has been developed for the conclusion of License Renewal activities for HNP.

3. Significant Project Decisions

The following significant recently made decisions regarding the Harris and Levy Deployments.

3.1. PEC

- Failure Mode Effects Analysis for the switchyard will be completed per Reg. Guide 1.206 and the NRC Standard Review Plan.
- Technical Support Center will be in the nuclear island as originally designed by Westinghouse.

Performance Report December 2007

- Will not excavate the non-active fault that extends to the Unit 2 area prior to COLA submittal.
- To support the ER, will use table top evaluations that show Transmission Right of Way through the county impacted since route is not final.
- Location of the Cape Fear Make-up was finalized.

3.2. PEF

- COLA borings confirming the location & orientation of Units 1&2.
- Conceptual foundation design approach finalized. Compacted fill will be used for the nuclear island, piles will be used for other buildings (i.e.: Turbine, Diesel, and Annex. Buildings).
- Railroad will follow an Eastern route to Dunnellon.
- Transmission line corridors will include three 500kv lines traversing to the South.
- Utilizing a combined Switchyard for both units instead of separate Switchyard.
- The freshwater source for Potable, Demineralized, and Service Water Cooling Tower systems is well water.
- The north bank of the Barge Canal is the tentatively selected option for the Blowdown discharge into the Gulf.
- The Barge Canal is the option selected for the Make-up water intake.

4. Self-Evaluation Results

4.1. Self Assessments and Audits

Upcoming assessments/ audits include:.

- Financial charging Practices 4th Quarter, 2007 (report complete, debrief remains).
- PES Audit of NPD November 5th, 2007. (Complete, implementing recommendations and corrective actions).

4.2. NPD Corrective Action Program (CAP)

The following NPD NCRs were written during December 2007

• 258091 – Creation & completion of formal benchmark (LR).

4.3. NPD Benchmarking

NPD Self Assessment & Benchmark Coordinator has completed set up of 2008 plans. No benchmarks were completed during December 2007.

4.4. NPD Quality Assurance Activities

NGGM-PM-0030 formally documents existing business philosophy to use existing NGGC procedures and processes to implement Appendix B for new plant activities.

Performance Report December 2007

- The FSAR Section 2.5 was submitted for page turn without all of the attachments. Also figure numbers do not follow instructions per PI-002.
- A Progress Energy audit is planned in December to verify the JVT actions planned to resolve NRC QA deficiencies.

4.4.1. NRC QA Audit

The NRC QA Audit identified a number of nonconforming conditions. A team for an independent assessment of the CH2M Hill Safety Related activities has been constituted for this assessment.

- The detailed independent assessment plan and schedule was discussed with progress Energy on 11/12/07.
- CH2M is proceeding with the disposition of the 8 CARs from the NRC Audit.
- Initial evaluations will be completed by 12/05/07.
- Fieldwork and subcontractor reports will be completed by 12/31/07.
- Final report is schedule for 01/25/07.

The LNP fieldwork plan and implementing procedures are being reviewed by the Independent team. The fieldwork plan will be submitted to Progress Energy for acceptance once the fieldwork plan is accepted by the independent team including any required revisions. (11/15/07).

4.4.2. NPD Quality Assurance Plan

Quality Assurance Plan for Nuclear Plant Development and Construction Activities is included in NGG Program Manual and approved by Scotty Hinnant, as Chief Nuclear Officer. NGGM-PM-0030, Quality Assurance Plan for New Nuclear Plant Development and Construction Activities, Revision 0 issued and effective June 25, 2007.

 CNO approval of the QA Program Description that will be submitted with the Harris COLA is required.

4.4.3. Planned COLA Reviews

- Peer reviews of Emergency Plan, Security Plan and Environmental Report COLA. Review includes technical, licensing and administrative review.
- An independent review includes Corporate Reg Affairs, QA and NPD.
- Final review will incorporate any required changes from the NRC sufficiency review of the Reference COLA that have been identified by year end.

Contraction.

5. Engineering Update

5.1. PEF Land Acquisition

PEF officially closed on the ~ 2,159 acre Lybass parcels on Dec 14^{th} , 2008. This acquisition includes a small ~ 50 acre parcel at the northwest corner of the Rayonier site and a large ~ 2000 acre parcel immediately south of the Rayonier site. Both will be used for access and/or conveyance routes.

A portion of this acquisition will be assigned to the Levy project for the piping and heavy haul road conveyance. A second portion of the parcel will be assigned to the Levy transmission project for the 500 kV lines leaving the Levy site. The remaining acreage will be held by PEF for future use.

5.2. PEF Field Activities

Remaining field geophysical measurements were completed by Technos and GeoVision during December 2007.

5.3. PEF Site Engineering

Phase 1A work continued in December 2007, along with price certainty work scope by SS&W. NPD continues oversight of these projects and deliverables. WEC/SSW provided and indicative price of the two unit Ap1000 power block in the December 17th, 2007 "Price Book". The Levy site specific facilities beyond the power blocks will be in a revised price book expected in February 2008, and are dependent on the ongoing Phase 1A and price certainty work activities by SS&W.

5.4. PEC Field Activities

Currently, there are no field activities in progress at HAR.

5.5. PEC Site Engineering

HAR Phase 1A SS&W conceptual design and planning is now estimated to start late in early 2008, and is contingent upon ongoing discussions with WEC and SSW.

5.6. AP1000 Design Activities

The NRC continues the sufficiency review on the AP100 DCD Revision 16 amendment submitted by WEC, with an expectation that it will complete ~ January 18th, 2008.

PGN continues review of AP1000 DCPs and design finalization products produced by WEC. New AP1000 technical issues currently being resolved, via the NuStart Engineering committee which PGN participates on, include:

- Increasing main steam line diameter
- MSR reheat tube bundle design
- Required increase in the reactor coolant PORV size (6" to 12")

Performance Report December 2007

- Availability of spare digital cables through a dedicated containment penetration
- Grey rod maneuvering limitations and effect on fuel performance
- Addition of a Integrated head package cable bridge

6. Licensing Update

6.1. PEC

Current schedule predicts a COLA submittal date of 1/30/08.

NRC QA Audit of Harris COLA conducted in October identified deficiencies with CH2MHILL QA controls. We expect an Audit Response Request (ARR) related to the Harris geotechnical field work in the following areas:

- Training & Qualifications
- Procedure Control (QA Review and Revision Control)
- Design Control (interchange of information)

Our action plan involves the following activities being conducted by CH2MHILL

- Confirmation of safety-related bore hole data
- Initiation and resolution of deficiencies identified by CH2 and JVT

A JVT independent assessment team has been formed to perform the following and report results:

- Technical and Quality review of geotechnical work conducted by CH2MHILL at the Harris site
- Review of CH2 design control

6.2. PEF

Detailed schedule review has achieved a revised schedule that supports a COLA submittal by 7/30/08. The COLA must be accepted by the NRC on 12/31/08 to be eligible for Production Tax Credits. We expect that LWA will be desired to support soil remediation (backfill) and other construction activities prior to COL. Construction schedule and tasks are being evaluated to determine scope of LWA.

Site Certification Application (SCA) is scheduled for submittal in June 2008. We anticipate that pre-construction work will require permits to be issued in advance of SCA. We anticipate that this will be a significant challenge to the LNP schedule and may be the critical path for the LNP project. Scope and schedule for required permits is being developed and meetings with the state agencies will be setup to review permitting needs.

6.3. Regulatory Update No update.

7. License Renewal Update

7.1. HNP License Renewal Application Review

NRC Audits have been completed. NRC RAIs are being processed.

7.2. CR3 License Renewal Application Development

IPA calculations are in progress for ECCS, Fire Services & Sampling, Raw Water and Steam systems. Civil AMR for outside areas is approximately 65% complete. Project is on schedule with license submittal January 2009.

8. NuStart Development LLC Update

The NuStart reference AP1000 COLA for Bellefonte continues to undergo a sufficiency review by the NRC. Two technical issues have emerged that Bellefonte is having discussions with the NRC on:

- o Seismic methodology & schedule
 - Dames & Moore
 - East Tennessee seismic zone
- o Hydrology model pedigree

Both issues are site-specific to Bellefonte and are likely to be resolved via the RAI process following docketing.

9. APOG LLC Update

No APOG activity occurred during December 2007.

10. Public and Media Interaction

No significant public and/or media interaction occurred in December 2007.

CONTRACTO



Nuclear Plant Development & License Renewal

Performance Report

January 2008

Progress Energy, Inc. 410 South Wilmington Street Raleigh, North Carolina 27602



Submitted by

Supervisor Projects Controls

Approval

General Manager NPD&LR:



-

Performance Report January 2008

Table of Contents

1. Executive Summary	. 4
1.1. Safety	
1.2. Cost	
1.3. Schedule	
1.4. Key Issues	
1.5. Look Ahead	
2. Project Performance Data and KPIs	.6
2.1. KPI Summary	
2.2. Cost Performance	
2.3. Contract Status (exceeding \$100k)	.8
2.4. Schedule Performance	.9
2.4.1. PEC COLA Development	
2.4.2. PEF COLA Development	
2.4.3. PEF SCA Development	
2.4.4. PEF SS&W Price Finalization	.9
2.4.5. PEF Westinghouse Price Finalization	
2.4.6. PEF SS&W Phase 1A Conceptual Design/Planning	
2.5. Scope Changes	10
2.5.1. Business Analysis Package (BAP) Changes	10
2.5.2. PEC Scope Changes Authorized	
2.5.3. PEC Potential and/or Pending Scope Changes	10
2.5.4. PEF Authorized Scope Changes	
2.5.5. PEF Potential and/or Pending Scope Changes	11
2.6. High Risk Issues	
2.7. Organization & Staffing	
2.7.1. Permanent Positions	
2.7.2. Contract Staff	12
2.7.3. License Renewal Staffing Transition	12
3. Significant Project Decisions	
3.1. PEC	
3.2. PEF	
4. Self-Evaluation Results	
4.1. Self Assessments and Audits	
4.2. NPD Corrective Action Program (CAP)	
4.3. NPD Benchmarking	
4.4. NPD Quality Assurance Activities	
4.4.1. NRC QA Audit	
4.4.2. NPD Quality Assurance Plan	
4.4.3. Planned COLA Reviews	
5. Engineering Update	
5.1. PEF Land Acquisition	
5.2. PEF Field Activities	
5.3. PEF Site Engineering	16



Performance Report January 2008

- 5	.4.	PEC Field Activities	16
		PEC Site Engineering	
		AP1000 Design Activities	
		censing Update	
		PEC	
		PEF	
7.	Lic	cense Renewal Update –	18
7	.1.	HNP License Renewal Application Review	18
		CR3 License Renewal Application Development	
		Start Development LLC Update	
9.		POG LLC Update	
10.	F	Public and Media Interaction	18



Performance Report January 2008

1. Executive Summary

1.1. Safety

There are no health and safety issues to report for the month of January 2008.

1.2. Cost

REDACTED

1.3. Schedule

PEC COLA - The project is 99% complete. Progress Energy has revised the schedule NRC submittal date from January 31, 2008 to February 19, 2008.

PEF COLA -The project is 70% complete. Impact Evaluation # 109 has been submitted and upon approval sets the baseline that supports a July 31, 2008 COLA submittal to the NRC. The project is on schedule and all deliverables scheduled for January 2008 were completed on time. Critical work activities include complete and issue FSAR 2.4, FSAR 2.5, and ER Chapter 7.

PEF Price Finalization (Shaw) – The project is 79% complete. Final management review of cost book write-ups and estimates are being completed in all major categories which include Building & Yard Areas, Construction, and Environmental – Geotechnical. Work will be completed on schedule to support delivery of Levy Price Books to Progress Energy on February 14th.

PEF Phase 1A Activities – The project is 100% complete for all original tasks (1-10). All activities and deliverables were completed per baseline schedule. Task 12, travel expenses, will remain open until all outstanding expenses are submitted and to resolve open issues with expense accounts. Tasks 11 & 13 will remain open to support COLA constructability reviews and owner technical reviews and early permitting support.

PEF Price Finalization (Westinghouse) – The January 31st project milestone to deliver the Levy pre-construction schedule was not met. A PDF version of an interim schedule was delivered on February 4th, with the Levy integrated schedule now targeted for a March 14th delivery. Progress Energy is contacting Westinghouse to address the

C. STORTAL

overall quality of this deliverable and determine if is acceptable per terms of the contract. Currently on schedule to deliver integrated price book on February 14th.

PEF Site Certification Application – The project is 34% complete. Current schedule indicates all activities are currently on target to support June 2008 SCA submittal. Current critical activities are developing Appendices for state and federal permits, the land use plan, and zoning.

1.4. Key Issues

- FPSC Need Determination Petition to be filed in March 2008 requires updated cost. Updated power block costs received in December have been incorporated. Costs provided by Westinghouse have increased significantly. These increases are mainly driven by an increase in commodity cost for concrete, steel & metals, an increase in equipment cost required for building major plant forgings, and the global demand for nuclear power plants. Meetings held with Westinghouse to address the issue.
- CH2M should address and close all corrective actions related to the Harris COLA prior to COLA submittal date. The final Independent assessment Team report is scheduled to be issued February 12, 2008.
- Develop permitting strategy to address impact of the requirement by the Army Corp. of Engineers prior to issuance of the COLA. Shaw submitting a revised proposal in February for their portion of the work scope.
- 1.5. Look Ahead
 - COLA Rev. 0 schedule for submittal to Progress Energy on February 8th.
 - Sargent & Lundy QA Audit of Paul Rizzo February 12th 14th.
 - Delivery of Levy price book from Westinghouse February 14, 2008.
 - Submit updated total project cost estimate to System Planning to meet current Need Filing schedule by February 18, 2008.
 - Harris COLA submittal date to NRC has been revised to February 19, 2008.

5

• Need filing submittal targeted for March 4, 2008.

Performance Report January 2008

2. Project Performance Data and KPIs

2.1. KPI Summary

Project Cost Current Year Project Cost Total COLA BAP Major Milestone Achievement



PEF COLA SPI -0.98 PEF COLA CPI -1.01 PEC COLA SPI -1.00 PEC COLA CPI -1.10 Shaw PH 1A SPI -1.00 Shaw PH 1A CPI -1.00 Shaw Price Final SPI - 1.00 Shaw Price Final CPI- 1.00 SCA SPL-1.01 SCA CPI -1.06

이 이 이 유민이 있는 것 같아.

2.2. Cost Performance

REDACTED

CONFIDENTIAL

PAGES 7 - 8 REDACTED

2.4. Schedule Performance

2.4.1. PEC COLA Development

Overall COLA project is 99% complete. The Schedule Performance Index (SPI) for the project is 1.00. Work is proceeding on schedule per the PEC End Game Schedule. With the later than planned completion of the NuStart FSAR sections and the Security Plan, the integrated COLA Rev. 0 submittal date from JVT to Progress Energy is now scheduled for February 8, 2008. Progress Energy has revised the NRC submittal date from January 31, 2008 to February 19, 2008. The Cost Performance Index (CPI) for the project is 1.10. The project CPI has consistently trended under the approved project baseline budget.

2.4.2. PEF COLA Development

Overall COLA project is 70% complete. The SPI for the project is 0.98. The SPI had been trending behind schedule since June 2007. Impact Evaluation # 109 has been submitted and upon approval sets the new baseline that supports a July 31, 2008 COLA submittal to the NRC. The project is on schedule with all January deliverables completed on time. The improvement in COLA schedule is the result of significant planning and implementation of an alternate approach to complete FSAR 2.5. Critical work activities include complete and issue FASR 2.4, FSAR 2.5, and ER Chapter 7. Weekly schedule review meetings to review critical items, action items, and upcoming activities with the JVT continue. The NRC has stated that sufficiency reviews for the Bellefonte COLA will take 60-120 days. The July submittal date is critical with the longer NRC acceptance review schedule. The CPI for the project is 1.01. The CPI has consistently trended under the approved project baseline budget.

2.4.3. PEF SCA Development

The project is approximately 34% complete. The SPI for the project is 1.01 and the CPI is 1.06. All activities are currently on schedule to support June 2008 SCA submittal. Current critical activities are developing ER Chapter 5, Operational Impacts, and ER Chapter 4, Construction Impacts.

2.4.4. PEF SS&W Price Finalization

The project is 79% complete. The SPI is 1.0. Final management review of cost book write-ups and estimates are being completed in all four major categories, Building & Yard Areas, Construction, Environmental – Geotechnical, and Project Management. Updates are continuing to be provided to Westinghouse to support delivery of the Levy integrated schedule. Critical work activity items include revisions to the boring location plan, identifying and documenting LWA activities, and to recommend consensus conceptual design report for NI, TI, and T-Pad excavation and foundations The CPI is 1.0 with current forecasted cost expected to be approximately under the funds authorized.

REDACTED

CONFIDENTAL

Performance Report January 2008

2.4.5. PEF Westinghouse Price Finalization

The January 31st project milestone to deliver the Levy pre-construction schedule was not met. A PDF version of an interim schedule was delivered on February 4th, with the Levy integrated schedule now targeted for a March 14th delivery. Progress Energy is contacting Westinghouse to address the overall quality of this deliverable and determine if is acceptable per terms of the contract. Currently on schedule to deliver integrated price book on February 14th. Final payment is being withheld until all contractual items are resolved.

2.4.6. PEF SS&W Phase 1A Conceptual Design/Planning

Overall Phase 1A project is 100% complete for the original tasks. The SPI for the project is 1.00 (approved impact evaluation established a re-baseline for project). Progress Energy review of CDP's completed. The CPI is 1.00 with current forecasted cost to be under the funds authorized. This underun will be utilized to fund the majority of the cost for COLA Constructability Reviews (Task 11) and Early Permitting Support (Task 12).

REDACTED

2.5. Scope Changes

2.5.1. Business Analysis Package (BAP) Changes

Discussions are ongoing with Capital Planning & Control to convert the LNP project from the Business Analysis Package Process (BAP) to the Integrated Project Plan Process (IPP). The current plan is to complete a 2nd COLA BAP revision to bridge the project for work activities required until Price Finalization and EPC negotiations are completed and an updated total project cost can then be incorporated into an IPP. Work on the second revision to the BAP has commenced.

REDACTED

2.5.2. PEC Scope Changes Authorized

Since approval of JVT WA Amendment # 4 in April 2007, NPD has approved 24 Impact Evaluations for a total of These are being incorporated into the next WA Amendment #5 which is complete and currently in the approval process. Upon approval of WA #5, the COLA budget will be Most of the Impact Evaluations approved were required to support conceptual design work for site specific systems needed for the COLA and for new scope items required for FSAR 2.5. Also, 3 Impact Evaluations were reviewed and rejected for a total of

2.5.3. PEC Potential and/or Pending Scope Changes

Other potential Progress Energy Carolina scope changes include:

- All COLA Phase 1 items have been dispositioned.
- COLA Phase 2 Impact Evaluation is pending approval
 REDACTED

Each potential PEC scope change goes through a formal review process and dollar values are subject to be changed from the original amount submitted.

2.5.4. PEF Authorized Scope Changes

- Since approval of JVT WA Amendment # 2 in June 2007, NPD has approved 39 Impact Evaluations for a total of These will be incorporated into the next WA Amendment #3. An update to the task descriptions will need to be submitted by JVT to incorporate most recent impact evaluations to support Amendment 3 work on the WA. Most Impact Evaluations were required to support additional field activities required after selecting the site, and also for conceptual design work for site specific systems needed for the COLA. It should be emphasized that the large number of Impact Evaluations and associated cost is due to the Levy Site not being selected at the time the COLA work started. Also, 2 Impact Evaluations were reviewed and rejected for a total of REDACTED Based on impact evaluations submitted and approved as of January 31st, the next WA amendment would increase the contract budget tc
- Since approval of JVT WA # 3 for the Site Certification Application in July 2007, 2 Impact Evaluations were approved for a total of The Impact Evaluations incorporated new scope related to Federal Permitting and Baseline Ecological Survey. Based on impact evaluations submitted and approved as of January 31st, the next WA amendment would increase the contract budget to
- Since approval of SSW WA#2 for Phase 1A support, one impact evaluation was approved to complete COLA constructability reviews. This work was funded from current WA#2 underruns. Impact Evaluation 93 was submitted to document projected savings to WA #1, #2, #3, #4.
 Proposal being submitted to incorporate Shaw work through June for activities related to permit support and early design activities.

2.5.5. PEF Potential and/or Pending Scope Changes

Other Progress Energy Florida potential scope changes include:

- RCC & Flowable Fill Test Pad construction & testing (IE 130
- Groundwater Modeling
- ER Fieldwork scope to cover railroad to Dunnellon.
- SCA- Supplemental Permitting Activities (permit scheduling & tracking, supplemental field surveys).
- SCA- Wetland Mitigation Plan (IE 132
 REDACTED

Each potential PEF scope change goes through a tormal review process and dollar values are subject to be changed from the original amount submitted.

REDACTED

2.6. High Risk Issues

The following risk items identified for Management attention for PEC include:

- NRC identified issues with the CH2M Hill field work plan. An independent Assessment Team was formed to evaluate NQA-1 compliance of the field work implementing procedures, field data, and field work plan.
- Expectations for water requirements from the Cape Fear River.

The following risk items identified for Management attention for PEF include:

- Resolution of the site boundary (EAB) as determined by the initial meteorological data.
- Suitability of the soil/rock substrata for AP1000 structures. Karst investigations
- Evaluation & environmental impacts of the makeup and blowdown options.
- Obtaining US Army Corps of Engineer and Florida state review of permits.
- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis).

2.7. Organization & Staffing

2.7.1. Permanent Positions

The following authorized positions are vacant/ being recruited in the NPD organization:

- Electrical Engineer vacancy created by resignation, recruiting in progress.
- I&C Engineer recruiting in progress.
- Sr Engineer (undesignated discipline), will be posted soon.
- Sr Technical Support Specialist (undesignated discipline), will be posted soon.

2.7.2. Contract Staff

The following functional areas are covered by contract personnel augmentation:

- Field & Construction Management.
- Emergency Planning.
- COLA Administrative Reviews.
- NPD Project Docs. Database implementation.
- Environmental permitting & licensing.
- Scheduling (part-time support via NGG Fire Protection contract staff).

2.7.3. License Renewal Staffing Transition

Transition to NES Chiefs complete.

3. Significant Project Decisions

The following significant recently made decisions regarding the Harris and Levy Deployments.

- 3.1. PEC
 - Failure Mode Effects Analysis for the switchyard will be completed per Reg. Guide 1.206 and the NRC Standard Review Plan.
 - Technical Support Center will be in the nuclear island as originally designed by Westinghouse.
 - Will not excavate the non-active fault that extends to the Unit 2 area prior to COLA submittal.
 - To support the ER, will use table top evaluations that show Transmission Right of Way through the county impacted since route is not final.
 - Location of the Cape Fear Make-up was finalized.
- 3.2. PEF
 - COLA borings confirming the location & orientation of Units 1&2.
 - Conceptual foundation design approach finalized. Compacted fill will be used for the nuclear island, piles will be used for other buildings (i.e.: Turbine, Diesel, and Annex. Buildings).
 - Railroad will follow an Eastern route to Dunnellon.
 - Transmission line corridors will include three 500kv lines traversing to the South.
 - Utilizing a combined Switchyard for both units instead of separate Switchyard.
 - The freshwater source for Potable, Demineralized, and Service Water Cooling Tower systems is well water.
 - The north bank of the Barge Canal is the tentatively selected option for the Blowdown discharge into the Gulf.
 - The Barge Canal is the option selected for the Make-up water intake.

4. Self-Evaluation Results

4.1. Self Assessments and Audits

Upcoming assessments/ audits include.

• Internal Audit completed in December 2007 achieved an effective rating. Minor observations included improved risk identification, strengthened contract language requiring more supporting invoice detail, implementing the project integrated schedule, and continued monitoring of staffing requirements.

4.2. NPD Corrective Action Program (CAP)

The following NPD NCRs were written during January 2008

No NCRs issued.

4.3. NPD Benchmarking

NPD Self Assessment & Benchmark 2008 plan is complete in Passport.

4.4. NPD Quality Assurance Activities

NGGM-PM-0030 formally documents existing business philosophy to use existing NGGC procedures and processes to implement Appendix B for new plant activities.

• A Progress Energy audit is planned in December to verify the JVT actions planned to resolve NRC QA deficiencies.

4.4.1. NRC QA Audit

The NRC QA Audit identified a number of nonconforming conditions. A team for an independent assessment of the CH2M Hill Safety Related activities has been constituted for this assessment.

- The detailed independent assessment plan and schedule was discussed with progress Energy on 11/12/07.
- CH2M is proceeding with the disposition of the 8 CARs from the NRC Audit.
- Initial evaluations will be completed by 12/05/07.
- Fieldwork and subcontractor reports will be completed by 12/31/07.
- Final report is schedule for 01/25/07.

The LNP fieldwork plan and implementing procedures are being reviewed by the Independent team. The fieldwork plan will be submitted to Progress Energy for acceptance once the fieldwork plan is accepted by the independent team including any required revisions. (11/15/07).

4.4.2. NPD Quality Assurance Plan

Quality Assurance Plan for Nuclear Plant Development and Construction Activities is included in NGG Program Manual and approved by Scotty Hinnant, as Chief Nuclear Officer. NGGM-PM-0030, Quality Assurance Plan for New Nuclear Plant Development and Construction Activities, Revision 0 issued and effective June 25, 2007.

• CNO approval of the QA Program Description that will be submitted with the Harris COLA is required.

4.4.3. Planned COLA Reviews

- Peer reviews of Emergency Plan, Security Plan and Environmental Report COLA. Review includes technical, licensing and administrative review.
- An independent review includes Corporate Reg Affairs, QA and NPD.

Performance Report January 2008

• Final review will incorporate any required changes from the NRC sufficiency review of the Reference COLA that have been identified by year end.

CONFIDENTIAL

5. Engineering Update

5.1. PEF Land Acquisition

NPD is currently working with Progress Energy Real-estate and several other PEF organizations to identify a potential rail spur route from Dunnellon to the LEVY site. One option to minimize land purchase is to utilize sections of an abandoned rail corridor owned by Progress Energy.

5.2. PEF Field Activities

Field soil resistivity testing was performed in January, results will be utilized to support the design of the cathodic protection system.

5.3. PEF Site Engineering

LNP site engineering efforts continue with NPD and the JVT establishing a conceptual cooling tower blowdown pipe route. NPD and the JVT met with the NRC to discuss the non uniform soil characteristics of the LEVY site and the roller compacted concrete foundation design that will be used for remediation of the soil under the Nuclear Island foundation. In addition NPD is working with the JVT to establish a mix design and validation testing for the roller compacted concrete (RCC).

5.4. PEC Field Activities

Currently, there are no field activities in progress at HAR.

5.5. PEC Site Engineering

HAR site engineering efforts at this time only include those decisions necessary to support COL development. In light of the current drought information, an effort to evaluate water conservation options at HAR the JVT has been contracted to perform a more detailed study of hybrid and dry cooling tower. This study will compare potential water usage, efficiency losses and cost associated with all cooling tower options.

5.6. AP1000 Design Activities

Design reviews were held with Westinghouse, Toshiba and SSW on the secondary plant layout and design.

NuStart and Westinghouse continue to develop the I&C infrastructure.

The integrated WEC, SS&W and Toshiba design finalization schedule will be delivered in March. This will be a tool utilized to monitor AP 100 design schedule adherence but will also be a tool used by utilities to identify resource requirements to support final system design and component specification reviews.

CONFIDENTIAL

6. Licensing Update

6.1. PEC

Current schedule predicts a COLA submittal date of 2/19/08 – Delay due to late submittal of NuStart sections and to allow incorporation of NRC comments regarding the R-COLA. The COLA submittal was delayed from 1/30/08 to 2/19/08 to separate the submittal from public meetings regarding the Harris License Renewal.

There is community interest in the following activities associated with the Harris COLA:

- We anticipate that water usage will be a significant interest area from state regulators and local residents. The current drought conditions have increased the focus in this area.
- We expect that the Western Wake Reclamation Facility will request that we accept discharge of this facility into Harris Lake.

6.2. PEF

Detailed schedule review has achieved a revised schedule that supports a COLA submittal by 7/30/08. The COLA must be accepted by the NRC on 12/31/08 to be eligible for Production Tax Credits. In addition, we have recently been advised by the NRC that COLA submittals after 9/30/08 will result in a significant delay due to lack of NRC reviewers.

We expect that LWA will be desired to support soil remediation (backfill) and other construction activities prior to COL. Construction schedule and tasks are being evaluated to determine scope of LWA. There is significant concern that the LWA rule may be challenged. We are working on strategies that minimize risk and best support the schedule.

The other significant challenge is to obtain Corps of Engineers review and approval of 404 (Clean Water Act) permits that will be required to support the Levy site development. We have had meetings with the Corps and determined that early permits are not achievable. The significant challenges are to get the Corps to agree to a schedule that we meet our needs and to determine the best way to obtain the required Environmental Impact Statement (EIS) that the Corps will require to issue the 404 permit. We have a meeting scheduled with the NRC on 2/20/08 to review these challenges and identify possible solutions.

Site Certification Application (SCA) is scheduled for submittal in June 2008. We anticipate that pre-construction work will require permits to be issued in advance of SCA. Legislation is being introduced in Florida to allow issuance of permits in advance of the SCA. Scope and schedule for required permits is being developed and meetings with the state agencies will be setup to review permitting needs.

CONFIDENTIAL

Resolution of the required 404 permit (Corps of Engineers) concerns, approval of the SCA and LWA within 2 years are required to achieve an in-service date for LNP by 4th quarter 2016.

7. License Renewal Update – Due to organization changes, License Renewal is no longer assigned to NPD and will not be included in future reports.

7.1. HNP License Renewal Application Review

The NRC public meeting for the Draft Environmental Impact Statement (DEIS) was held on January 30, 2008 in Apex, NC. The meeting was uneventful. An attorney for NCWARN presented comments at the afternoon meeting. There were no other comments from the public. The next significant milestone is issuance of the Draft Safety Evaluation Report (SER) which is expected in March 2008.

7.2. CR3 License Renewal Application Development

IPA calculations are in progress for ECCS, Fire Services & Sampling, Raw Water and Steam systems. Civil AMR for outside areas is approximately 65% complete. Project is on schedule with license submittal January 2009.

8. NuStart Development LLC Update

The AP1000 R-COLA (Bellefonte) was docketed by the NRC in January. NRC sufficiency review of the first S-COLA (Duke) is in progress. The decision was made by NuStart to accept Dominion's North Anna Station as the reference ESBWR COL, and as a result decided to delay the submittal of NuStart's ESBWR COLA for Grand Gulf to February 2008. NuStart is also developing a process for configuration control/change management of DCD/COLA after COL submittal.

9. APOG LLC Update

The APOG LLC (which stands for Advanced Passive 1000 Owners Group) was officially formed in August 2007, with initial members consisting of Progress Energy, SCANA, Duke Energy, and Southern. The first kick-off meeting was held in September 2007. No recent meetings or activities have been held.

10. Public and Media Interaction

Harris License Renewal public meeting held on January 30th.



Performance Report

February 2008

Progress Energy, Inc. 410 South Wilmington Street Raleigh, North Carolina 27602



Submitted by

Supervisor Projects Controls

Approval

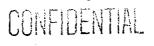
General Manager NPD&LR: 206 Mult

an

CONFIDENTIAL.

Table of Contents

1. Executive Summary	
1.1. Safety	
1.2. Cost	
1.3. Schedule	
1.4. Key Issues	
1.5. Look Ahead	
2. Project Performance Data and KPIs	
2.1. KPI Summary	
2.2. Cost Performance	
2.3. Contract Status (exceeding \$100k)	
2.4. Schedule Performance	
2.4.1. PEC COLA Development	
2.4.2. PEF COLA Development	
2.4.3. PEF SCA Development	
2.4.4. PEF SS&W Price Finalization	
2.4.5. PEF Westinghouse Price Finalization	
2.4.6. PEF SS&W Phase 1A Conceptual Design/Planning	
2.5. Scope Changes	. 11
2.5.1. Business Analysis Package (BAP) Changes	
2.5.2. PEC Scope Changes Authorized	
2.5.3. PEC Potential and/or Pending Scope Changes	
2.5.4. PEF Authorized Scope Changes	
2.5.5. PEF Potential and/or Pending Scope Changes	
2.6. High Risk Issues	
2.7. Organization & Staffing	
2.7.1. Permanent Positions	
2.7.2. Contract Staff	
2.7.3. License Renewal Staffing Transition	
3. Significant Project Decisions	
3.1. PEC	
3.2. PEF	
4. Self-Evaluation Results	
4.1. Self Assessments and Audits	
4.2. NPD Corrective Action Program (CAP)	
4.3. NPD Benchmarking	
4.4. NPD Quality Assurance Activities	
4.4.1. NRC GA Adult. 4.4.2. NPD Quality Assurance Plan	
4.4.2. NPD Quality Assurance Fian	
5. Engineering Update	
5.1. PEF Land Acquisition	
5.1. PEF Land Acquisition	
5.3. PEF Site Engineering	
0.0, ГСГ 016 СЛУНЮСНИУ	10



Performance Report February 2008

5.4	PEC Field Activities	
5.5	5. PEC Site Engineering	
5.6	6. AP1000 Design Activities	
	Licensing Update	
6.2	2. PEF	
	License Renewal Update –	
7.1	I. HNP License Renewal Application Review	
7.2	2. CR3 License Renewal Application Development	
8. 1	NuStart Development LLC Update	
9.	APOG LLC Update	
	Public and Media Interaction	

-

.

.

OWENER

1. Executive Summary

1.1. Safety

There are no health and safety issues to report for the month of February 2008.

1.2. Cost

REDACTED

1.3. Schedule

PEC COLA - The project is 99.5% complete. Progress Energy formally submitted the COLA to the NRC on February 19, 2008. Sufficiency Review is in progress. To date no acceptance review RAI's have been submitted.

PEF COLA -The project is 75% complete. Impact Evaluation # 109 has been submitted and upon approval sets the baseline that supports a July 31, 2008 COLA submittal to the NRC. The project is on schedule and all 30 key milestones scheduled for February 2008 were completed on time. Critical work activities include complete and issue FSAR 2.4, FSAR 2.5, and ER Chapter 7.

PEF Price Finalization (Shaw) – The project is 99% complete. All cost book write-ups and estimates were completed in all major categories which include Building & Yard Areas, Construction, and Environmental. The Levy Price Book was submitted to Progress Energy on February 14th. Remaining work focuses on development of the integrated schedule and any PGN RFI's related to the price book.

PEF Phase 1A Activities – The project is 100% complete for all original tasks (1-10). All activities and deliverables were completed per baseline schedule. Task 12, travel expenses, will remain open until all outstanding expenses are submitted and to resolve open issues with expense accounts. Tasks 11 remains open to support COLA constructability reviews & owner technical reviews. Task 13 remains open to support SCA and LWA work activities. Approval of a new WA is in progress for the total scope requirements for activities required to support the SCA and LWA submittal.

4

Performance Report February 2008

PEF Price Finalization (Westinghouse) – The January 31st project milestone to deliver the Levy pre-construction schedule was not met. A PDF version of an interim schedule was delivered on February 4th, with the Levy integrated schedule is now targeted for a March 14th delivery. Progress Energy has contacted Westinghouse to address the overall quality of this deliverable and determine if is acceptable per terms of the contract. The integrated price book was delivered on February 14th as scheduled, however details are lacking and discussions continue to allow Progress Energy more open access to the supporting data. This is required to document prudent decision making related to cost.

PEF Site Certification Application – The project is 60% complete. Current schedule indicates all activities are currently on target to support submittal of all OAR items by April 1, 2008 and June 2, 2008 SCA submittal; however, however, SCA and the Federal Permit tasks were "behind schedule" as of February 29th due to delays in completion of COLA ER sections, availability of resources, and delay in deliverables from Golder, Westinghouse, and Shaw.

- 1.4. Key Issues
 - Railroad route finalization
 - Site De-watering test
 - RCC Test pad
 - Develop permitting strategy to address impact of the requirement by the Army Corp. of Engineers prior to issuance of the COLA. Shaw submitting a revised proposal in February for their portion of the work scope
- 1.5. Look Ahead
 - Need filing submittal scheduled for March 11, 2008
 - Comprehensive Land Use Hearing (Rezoning) March 11, 2008
 - Progress Energy QA Audit of CH2M, week of March 31, 2008

CONFIDENTIAL

Performance Report February 2008

2. Project Performance Data and KPIs

2.1. KPI Summary

Project Cost Current Year Project Cost Total COLA BAP Major Milestone Achievement



PEF COLA SPI -1.01 1.01 PEF COLA CPI -PEC COLA SPI -1.00 PEC COLA CPI -1.08 Shaw PH 1A SPI -1.00 Shaw PH 1A CPI -1.00 Shaw Price Final SPI - 1.07 Shaw Price Final CPI- 1.00 SCA SPI -0.83 SCA CPI -1.53



2.2. Cost Performance

REDACTED

CONFIDENTIAL

PAGES 7 - 8 REDACTED

.

Performance Report February 2008

2.3. Contract Status (exceeding

REDACTED

REDACTED

2.4. Schedule Performance

2.4.1. PEC COLA Development

Overall COLA project is 99.5% complete. The Schedule Performance Index (SPI) for the project is 1.00. Work was completed per the PEC End Game Schedule. Progress Energy submitted the COLA to the NRC on February 19, 2008. The Cost Performance Index (CPI) for the project is 1.08. The project CPI has consistently trended under the approved project baseline budget. JVT is forecasting to spend to complete COLA Phase 1. This is inclusive of fees and bonus and the project is estimated to come in below the approved budget.

REDACTED

2.4.2. PEF COLA Development

Overall COLA project is 75% complete. The SPI for the project is 1.01. Impact Evaluation # 109 has been submitted and upon approval sets the new baseline that supports a July 31, 2008 COLA submittal to the NRC. The project is on schedule with all January deliverables completed on time. The improvement in COLA schedule is the result of significant planning and implementation of an alternate approach to complete FSAR 2.5. Critical work activities include complete and issue FASR 2.4, FSAR 2.5, and ER Chapter 7. Weekly schedule review meetings to review critical items, action items, and upcoming activities

Performance Report February 2008

with the JVT continue. The NRC has stated that sufficiency reviews for the Bellefonte COLA will take 60-120 days. The July submittal date is critical with the longer NRC acceptance review schedule. The CPI for the project is 1.01. The CPI has consistently trended under the approved project baseline budget.

2.4.3. PEF SCA Development

The project is approximately 60% complete. The SPI for the project is 0.83 and the CPI is 1.53. All activities are currently on schedule to support June 2008 SCA submittal; however, SCA and the Federal Permit tasks were "behind schedule" as of February 29th due to delays in completion of COLA ER sections, availability of resources (two documents being prepared by same staff), and delay in deliverables from Golder, Westinghouse, and Shaw. The Baseline Ecological Survey work was 100% complete as of 1/31/08 and Wetland Mitigation work has not started.

2.4.4. PEF SS&W Price Finalization

The project is 99% complete. The SPI is 1.07. All cost book write-ups and estimates were completed in all major categories which include Building & Yard Areas, Construction, and Environmental. The Levy Price Book was submitted to Progress Energy on February 14th. Remaining work focuses on development of the integrated schedule and any PGN RFI's related to the price book. The CPI is

REDACTED

1.0 with current forecasted cost expected to be approximately der the lunds authorized.

REDACTED

2.4.5. PEF Westinghouse Price Finalization

The January 31st project milestone to deliver the Levy pre-construction schedule was not met. A PDF version of an interim schedule was delivered on February 4th, with the Levy integrated schedule is now targeted for a March 14th delivery. Progress Energy has contacted Westinghouse to address the overall quality of this deliverable and determine if is acceptable per terms of the contract. The integrated price book was delivered on February 14th as scheduled, however details are lacking and discussions continue to allow Progress Energy more open access to the supporting data. This is required to document prudent decision making related to cost.

2.4.6. PEF SS&W Phase 1A Conceptual Design/Planning

The project is 100% complete for all original tasks (1-10). All activities and deliverables were completed per baseline schedule. Task 12, travel expenses, will remain open until all outstanding expenses are submitted and to resolve open issues with expense accounts. Tasks 11 remains open to support COLA constructability reviews & owner technical reviews. Task 13 remains open to support SCA and LWA work activities. Approval of a new WA is in progress for the total scope requirements for activities required to support the SCA and LWA submittal. The SPI for the project is 1.00 (approved impact evaluation established a re-baseline for project). Progress Energy review of CDP's

REDACTED completed. The CPI is 1.00 with current forecasted cost to be approximately under the funds authorized.

2.5. Scope Changes

2.5.1. Business Analysis Package (BAP) Changes

Discussions are ongoing with Capital Planning & Control to convert the LNP project from the Business Analysis Package Process (BAP) to the Integrated Project Plan Process (IPP). The current plan is to complete a 2nd COLA BAP revision to bridge the project for work activities required until Price Finalization and EPC negotiations are completed and an updated total project cost can then be incorporated into an IPP. Work on the second revision to the BAP has commenced.

2.5.2. PEC Scope Changes Authorized

Since approval of JVT WA Amendment # 4 in April 2007, NPD has approved 22 Impact Evaluations for a total of These are being incorporated into the next WA Amendment #5 which is complete and currently in the approval process. Upon approval of WA #5, the COLA budget will be Most of the Impact Evaluations approved were required to support conceptual design work for site specific systems needed for the COLA and for new scope items required for FSAR 2.5. 3 additional Impact Evaluations have been approved in January and February for a total of 1 additional Impact Evaluation was approved to delete WWS Biocide scope, a credit of Also, 3 Impact Evaluations were reviewed and rejected for a total of

REDACTED 2.5.3. PEC Potential and/or Pending Scope Changes

Other potential Progress Energy Carolina scope changes include:

- All COLA Phase 1 items have been dispositioned.
- COLA Phase 2 Impact Evaluation is pending approval
 REDACTED

Each potential PEC scope change goes through a formal review process and dollar values are subject to be changed from the original amount submitted.

REDACTED

2.5.4. PEF Authorized Scope Changes

 Since approval of JVT WA Amendment # 2 in June 2007, NPD has approved 47 Impact Evaluations for a total of ... These have been incorporated into WA Amendment #3. An update to the task descriptions will need to be submitted by JVT to incorporate most recent impact evaluations to support Amendment 3 work on the WA. Most Impact Evaluations were required to support additional field activities required after selecting the site, and also for conceptual design work for site specific systems needed for the COLA. It should be emphasized that the large number of Impact Evaluations and associated cost is due to the Levy Site not being selected at the time the COLA work started.

Performance Report February 2008

REDACTED

- Also, 3 Impact Evaluations were reviewed and rejected for a total of Based on impact evaluations submitted and approved as of January 31st, the next WA amendment would increase the budget to
- Since approval of JVT WA # 3 for the Site Certification Application in July 2007, 3 Impact Evaluations were approved for a total of The Impact Evaluations incorporated new scope related to Feuerar remitting, Wetland Mitigation Plan, and Baseline Ecological Survey. One impact evaluation for Supplemetary Permitting was submitted in February. Based on impact evaluations submitted and approved as of January 31st, the next WA amendment would increase the contract budget to
- Since approval of SSW WA#2 for Phase 1A support, one impact evaluation was approved to complete COLA constructability reviews. This work was funded from current WA#2 underrun. Impact Evaluation 93 was submitted to document projected savings to WA #1, #2, #3, #4.
 Proposal being submitted to incorporate Shaw work through June for activities related to permit support and early design activities.

2.5.5. PEF Potential and/or Pending Scope Changes

Other Progress Energy Florida potential scope changes include:

- ER compliance with RG 1555, 2007 changes
- Task 13, additional fieldwork
- New DOR for Site Geology
- SCA- Supplemental Permitting Activities (permit scheduling & tracking, supplemental field surveys)

Each potential PEF scope change goes through a formal review process and dollar values are subject to be changed from the original amount submitted.

2.6. High Risk Issues

The following risk items identified for Management attention for PEC include:

- NRC identified issues with the CH2M Hill field work plan. An independent Assessment Team was formed to evaluate NQA-1 compliance of the field work implementing procedures, field data, and field work plan.
- Expectations for water requirements from the Cape Fear River.

The following risk items identified for Management attention for PEF include:

- Resolution of the site boundary (EAB) as determined by the initial meteorological data
- Suitability of the soil/rock substrata for AP1000 structures. Karst investigations
- Evaluation & environmental impacts of the makeup and blowdown options
- Obtaining US Army Corps of Engineer and Florida state review of permits

Performance Report February 2008

- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis)
- Design of site specific systems continues to evolve. These changes could impact OAR deliverables and COLA submittal date

2.7. Organization & Staffing

2.7.1. Permanent Positions

The following authorized positions are vacant/ being recruited in the NPD organization:

- Electrical Engineer vacancy created by resignation, recruiting in progress.
- I&C Engineer recruiting in progress.
- Sr Engineer (undesignated discipline), will be posted soon.
- Sr Technical Support Specialist (undesignated discipline), will be posted soon.

2.7.2. Contract Staff

The following functional areas are covered by contract personnel augmentation:

- Field & Construction Management.
- Emergency Planning.
- COLA Administrative Reviews.
- NPD Project Docs. Database implementation.
- Environmental permitting & licensing.
- Scheduling (part-time support via NGG Fire Protection contract staff).

2.7.3. License Renewal Staffing Transition

Transition to NES Chiefs complete.

3. Significant Project Decisions

The following significant recently made decisions regarding the Harris and Levy Deployments.

- 3.1. PEC
 - Failure Mode Effects Analysis for the switchyard will be completed per Reg. Guide 1.206 and the NRC Standard Review Plan.
 - Technical Support Center will be in the nuclear island as originally designed by Westinghouse.
 - Will not excavate the non-active fault that extends to the Unit 2 area prior to COLA submittal.
 - To support the ER, will use table top evaluations that show Transmission Right of Way through the county impacted since route is not final.
 - Location of the Cape Fear Make-up was finalized.

3.2. PEF

- COLA borings confirming the location & orientation of Units 1&2.
- Conceptual foundation design approach finalized. Compacted fill will be used for the nuclear island, piles will be used for other buildings (i.e.: Turbine, Diesel, and Annex. Buildings).
- Railroad will follow an Eastern route to Dunnellon.
- Transmission line corridors will include three 500kv lines traversing to the South.
- Utilizing a combined Switchyard for both units instead of separate Switchyard.
- The freshwater source for Potable, Demineralized, and Service Water Cooling Tower systems is well water.
- The north bank of the Barge Canal is the tentatively selected option for the Blowdown discharge into the Gulf.
- The Barge Canal is the option selected for the Make-up water intake.

4. Self-Evaluation Results

4.1. Self Assessments and Audits

Upcoming assessments/ audits include:

• Audit of New Plant Cost Model 2nd guarter 2008

4.2. NPD Corrective Action Program (CAP)

The following NPD NCRs were written during February 2008

• 00268212 - Harris COLA Electronic format required correction

4.3. NPD Benchmarking

NPD Self Assessment & Benchmark 2008 plan is complete in Passport. No assessments or benchmarks due in first quarter

4.4. NPD Quality Assurance Activities

NGGM-PM-0030 formally documents existing business philosophy to use existing NGGC procedures and processes to implement Appendix B for new plant activities.

 A Progress Energy audit is planned in December to verify the JVT actions planned to resolve NRC QA deficiencies.

4.4.1. NRC QA Audit

The NRC QA Audit identified a number of nonconforming conditions. A team for an independent assessment of the CH2M Hill Safety Related activities has been constituted for this assessment.

- The detailed independent assessment plan and schedule was discussed with progress Energy on 11/12/07.
- CH2M is proceeding with the disposition of the 8 CARs from the NRC Audit.
- Initial evaluations will be completed by 12/05/07.

Performance Report February 2008

- Fieldwork and subcontractor reports will be completed by 12/31/07.
- Final report is schedule for 01/25/07.

The LNP fieldwork plan and implementing procedures are being reviewed by the Independent team. The fieldwork plan will be submitted to Progress Energy for acceptance once the fieldwork plan is accepted by the independent team including any required revisions. (11/15/07).

4.4.2. NPD Quality Assurance Plan

Quality Assurance Plan for Nuclear Plant Development and Construction Activities is included in NGG Program Manual and approved by Scotty Hinnant, as Chief Nuclear Officer. NGGM-PM-0030, Quality Assurance Plan for New Nuclear Plant Development and Construction Activities, Revision 0 issued and effective June 25, 2007.

• CNO approval of the QA Program Description that will be submitted with the Harris COLA is required.

4.4.3. Planned COLA Reviews

- Peer reviews of Emergency Plan, Security Plan and Environmental Report COLA. Review includes technical, licensing and administrative review.
- An independent review includes Corporate Reg Affairs, QA and NPD.
- Final review will incorporate any required changes from the NRC sufficiency review of the Reference COLA that have been identified by year end.

5. Engineering Update

5.1. PEF Land Acquisition

NPD continues to work with Progress Energy Real-estate and several other PEF organizations to identify a potential rail spur route from Dunnellon to the LEVY site. One option to minimize land purchase is to utilize sections of an abandoned rail corridor owned by Progress Energy.

5.2. PEF Field Activities

Site de-watering test are being performed by Shaw to support LWA construction planning.

5.3. PEF Site Engineering

Performance Report February 2008

LNP site engineering activities continue with the JVT evaluating the option to have the blowdown piping discharge into the CR3 discharge canal. The Nuclear Island (NI) foundation conceptual design is nearing completion with the Paul Rizzo and associates evaluating the acceptability of the RCC foundation for site subsurface conditions in the Avon Park Geographical subsurface formation at the LEVY site. The JVT is also evaluating developing a more representative coincident wet bulb/ dry bulb temperature for the LEVY site. The original calculation which utilizes data from Jacksonville, Tallahassee, and Tampa yielded ultra conservative results and did not meet the current DCD tier 1 acceptance criteria. The current DCD acceptance criteria is also conservative and a change to the acceptance criteria is currently being evaluated by Westinghouse.

5.4. PEC Field Activities

Currently, there are no field activities in progress at HAR.

5.5. PEC Site Engineering

In light of the current drought information, an effort to evaluate water conservation options at HAR the JVT has been contracted to perform a more detailed study of hybrid and dry cooling tower. This study will compare potential water usage, efficiency losses and cost associated with all cooling tower options.

5.6. AP1000 Design Activities

Design reviews were held in February with Westinghouse and NUstart on the secondary sampling and turbine component cooling system as well as the SQIB valve design which is used as a RCC depressurization mechanism during accident conditions.

NuStart and Westinghouse continue to develop the I&C/HFE infrastructure with a joint design criteria meeting being held in Raleigh March 4th -6th. Key issues include SQA, EMI/RFI, Functional Scope, and ITAAC. Training on the I&C platform "Ovation" was given in February by Emerson technologies (which owns the Ovation system). Progress Energy attended the training. Intermediate Design Review of the Reactor Trip/ESFAS will be conducted April 22nd and 23rd in Monroeville.

The integrated WEC,SSW and Toshiba design finalization schedule will be delivered in March. This will be a tool utilized to monitor AP 100 design schedule adherence but will also be a tool used by utilities to identify resource requirements to support final system design and component specification reviews.

6. Licensing Update

6.1. PEC

Current schedule predicts a COLA submittal date of 2/19/08

There is community interest in the following activities associated with the Harris COLA:

- We anticipate that water usage will be a significant interest area from state regulators and local residents. The current drought conditions have increased the focus in this area.
- We expect that the Western Wake Reclamation Facility will request that we accept discharge of this facility into Harris Lake.

6.2. PEF

Detailed schedule review has achieved a revised schedule that supports a COLA submittal by 7/30/08. The COLA must be accepted by the NRC on 12/31/08 to be eligible for Production Tax Credits. In addition, we have recently been advised by the NRC that COLA submittals after 9/30/08 will result in a significant delay due to lack of NRC reviewers.

We expect that LWA will be desired to support soil remediation (backfill) and other construction activities prior to COL. Construction schedule and tasks are being evaluated to determine scope of LWA. There is significant concern that the LWA rule may be challenged. We are working on strategies that minimize risk and best support the schedule.

The other significant challenge is to obtain Corps of Engineers review and approval of 404 (Clean Water Act) permits that will be required to support the Levy site development. We have had meetings with the Corps and determined that early permits are not achievable. The significant challenges are to get the Corps to agree to a schedule that we meet our needs and to determine the best way to obtain the required Environmental Impact Statement (EIS) that the Corps will require to issue the 404 permit.

Site Certification Application (SCA) is scheduled for submittal in June 2008. We anticipate that pre-construction work will require permits to be issued in advance of SCA. Legislation is being introduced in Florida to allow issuance of permits in advance of the SCA. Scope and schedule for required permits is being developed and meetings with the state agencies will be setup to review permitting needs.

Resolution of the required 404 permit (Corps of Engineers) concerns and approval of the SCA and LWA within 2 years is required to achieve an in-service date for LNP by 4th guarter 2016.

7. License Renewal Update -

Due to organization changes, License Renewal is no longer assigned to NPD and will not be included in future reports.

7.1. HNP License Renewal Application Review

The NRC public meeting for the Draft Environmental Impact Statement (DEIS) was held on January 30, 2008 in Apex, NC. The meeting was uneventful. An attorney for NCWARN presented comments at the afternoon meeting. There were no other comments from the public. The next significant milestone is issuance of the Draft Safety Evaluation Report (SER) which is expected in March 2008.

7.2. CR3 License Renewal Application Development

IPA calculations are in progress for ECCS, Fire Services & Sampling, Raw Water and Steam systems. Civil AMR for outside areas is approximately 65% complete. Project is on schedule with license submittal January 2009.

8. NuStart Development LLC Update

The AP1000 R-COLA (Bellefonte) was docketed by the NRC in January. NRC sufficiency review of the first S-COLA (Duke) is in progress. The decision was made by NuStart to accept Dominion's North Anna Station as the reference ESBWR COL, and as a result decided to delay the submittal of NuStart's ESBWR COLA for Grand Gulf to February 2008. NuStart is also developing a process for configuration control/change management of DCD/COLA after COL submittal.

9. APOG LLC Update

The APOG LLC (which stands for Advanced Passive 1000 Owners Group) was officially formed in August 2007, with initial members consisting of Progress Energy, SCANA, Duke Energy, and Southern. The first kick-off meeting was held in September 2007. No recent meetings or activities have been held.

10. Public and Media Interaction

Harris License Renewal public meeting held on January 30th.



Performance Report

March 2008

Progress Energy, Inc. 410 South Wilmington Street Raleigh, North Carolina 27602



Submitted by

Supervisor Projects Controls

Approval

General Manager NPD&LR:

CONFIDENTIAL

Performance Report March 2008

Table of Contents

1.	Exe	ecutive Summary	. 4
	1.1.	Safety	. 4
	1.2.	Cost	. 4
	1.3.	Schedule	. 4
	1.4.	Key Issues	
	1.5.	Look Ahead	
2.	Pro	pject Performance Data and KPIs	.6
		KPI Summary	
	2.2.	Cost Performance	.6
		Contract Status (exceeding \$100k)	
		Schedule Performance	
		.1. PEC COLA Development	
		.2. PEF COLA Development	
		.3. PEF SCA Development	
	2.4	.4. PEF SS&W Price Finalization	
	2.4	.5. PEF Westinghouse Price Finalization	
	2.4	.6. PEF SS&W Phase 1A Conceptual Design/Planning	
	2.4	.7. PEF SS&W SCA & LWA Support	
		Scope Changes	
		.1. Business Analysis Package (BAP) Changes	
	2.5	.2. PEC Scope Changes Authorized	
		.3. PEC Potential and/or Pending Scope Changes	
		.4. PEF Authorized Scope Changes	
		.5. PEF Potential and/or Pending Scope Changes	
		High Risk Issues	
		Organization & Staffing	
		1. Permanent Positions	
		.2. Contract Staff	
		'.3. License Renewal Staffing Transition	
3.		Inificant Project Decisions	
	-	PEC	
		PEF	
4.		If-Evaluation Results	
•••		Self Assessments and Audits	
		NPD Corrective Action Program (CAP)	
		NPD Benchmarking	
	4.4.	NPD Quality Assurance Activities	14
		I.1. NRC QA Audit	
		I.2. NPD Quality Assurance Plan	
		I.3. Planned COLA Reviews	
5		gineering Update	
		PEF Land Acquisition	
		PEF Field Activities	



Performance Report March 2008

5.	3.	PEF Site Engineering	15
5.	4.	PEC Field Activities	16
		PEC Site Engineering	
5.	6.	AP1000 Design Activities	16
		ensing Update	
		PEC	
6.	.2.	PEF	17
7.	Nu	Start Development LLC Update	18
		OG LLC Update	
		blic and Media Interaction	

.

Performance Report March 2008

1. Executive Summary

1.1. Safety

There are no health and safety issues to report for the month of March 2008.

1.2. Cost

REDACTED

1.3. Schedule

PEC COLA (JVT) - The project is 99.5% complete. Progress Energy formally submitted the COLA to the NRC on February 19, 2008. Sufficiency Review is in progress. To date no acceptance review RAI's have been submitted. NRC Acceptance Review, and attorney work scope items are open. Phase 1 will close when the NRC dockets the Harris COLA. Phase 2 Work Authorization preparation is underway.

PEF COLA -The project is 85% complete. Impact Evaluation # 109 approved the baseline that supports a July 31, 2008 COLA submittal to the NRC. The project is on schedule and 40 of 43 key milestones scheduled for March 2008 were completed on time. 144 total activities completed in March. Critical work activities include complete and issue FSAR 2.4 and FSAR 2.5.

PEF Price Finalization (Shaw) – The project is 100% complete. The AP 1000 price book was submitted on February 14th and the Levy Integrated Schedule was submitted on March 14th. All activities completed and WA closed.

PEF Phase 1A Activities (Shaw) – The project is 100% complete for all original tasks (1-10). All activities and deliverables were completed per the baseline schedule. Task 12, travel expenses, will remain open until all outstanding expenses are submitted and to resolve open issues with expense accounts. Tasks 11 remains open to support COLA constructability reviews & owner technical reviews. COLA reviews are scheduled to be complete by April 23rd. Approval of a new WA was recently complete for the total scope requirements for activities required to support the SCA and LWA submittal.



Performance Report March 2008

PEF Price Finalization (Westinghouse) – The January 31st project milestone to deliver the Levy pre-construction schedule was not met. A PDF version of an interim schedule was delivered on February 4th, and an electronic version of the Levy integrated schedule was delivered on March 14th. Progress Energy has contacted Westinghouse to address the overall quality of this deliverable and determine if is acceptable per terms of the contract. Progress Energy is withholding final payment until the issues with the schedule are resolved. The integrated price book was delivered on February 14th as scheduled, however details are lacking and discussions continue to allow Progress Energy more open access to the supporting data. This is required to document prudent decision making related to cost.

PEF Site Certification Application (JVT) – The project is 60% complete. Current schedule indicates all activities are currently on target to support submittal of all OAR items by April 1, 2008 and for a June 2, 2008 SCA submittal. Owner Acceptance Review, Legal reviews, and final issue are critical activities.

1.4. Key issues

- Complete Letter of Intent, WA, and BAP Revision to support preserving PEF position in supply chain for major equipment
- Support PEF Need Determination responses to FDEP and intervener interrogatories and production of documents

1.5. Look Ahead

- NRC Acceptance of Harris COLA (mid April)
- Internal Audit of PEF Total Project Cost Estimate spreadsheet (April)
- Progress Energy QA Audit of CH2M (April 4th complete)
- Levy Zoning Application (April 10th)
- EPC negotiations resume in April
- FPSC Public Hearing on Levy Project April 22nd

CONFIDENTIAL

Performance Report March 2008

2. Project Performance Data and KPIs

2.1. KPI Summary

Project Cost Current Year Project Cost Total COLA BAP Major Milestone Achievement

PEF COLA SPI -1.00 PEF COLA CPI -1.07 PEC COLA SPI -1.00 PEC COLA CPI -1.08 Shaw PH 1A SPI -1.00 Shaw PH 1A CPI -1.00 Shaw Price Final SPI - 1.00 Shaw Price Final CPI- 1.00 SCA SPI -1.00 SCA CPI -1.37 Shaw SCA & LWA SPI- 1.22 Shaw SCA & LWA CPI- 1.00

2.2. Cost Performance

REDACTED

PAGES 7 - 8 REDACTED

-

•

-

2.4. Schedule Performance

2.4.1. PEC COLA Development

Overall COLA project is 99.5% complete. The Schedule Performance Index (SPI) for the project is 1.00. The COLA was submitted to the NRC on February 19, 2008. NRC Acceptance Review continues and it is anticipated that the COLA will be docketed in mid April. To date, no RAI's identified during Sufficiency Review. The Cost Performance Index (CPI) for the project is 1.08 and is expected to be completed at under the approved approved budget (excluding incentives). The project CPI consistently trended under the approved project baseline budget.

2.4.2. PEF COLA Development

Overall COLA project is 85% complete. The SPI for the project is 1.0. Impact Evaluation # 109 has been approved that sets the new baseline for a July 31, 2008 COLA submittal to the NRC. The project is on schedule with 140 of 143 key milestones for March completed on time. 144 total activities completed in March. Critical work activities include complete and issue FASR 2.4 and FSAR 2.5. FSAR Section 2.5.4 is approximately 10 days behind schedule. Measures are being discussed to recover the schedule. Weekly schedule review meetings of critical items, action items, and upcoming activities with the JVT continue. The NRC has stated that sufficiency reviews for the Bellefonte COLA will take 60-120 days. The July submittal date is critical with the longer NRC acceptance review schedule. The CPI for the project is 1.07. The CPI has consistently trended under the approved project baseline budget.

2.4.3. PEF SCA Development

The project is approximately 60% complete. The SPI for the project is 1.00 and the CPI is 1.37. All activities are currently on schedule to support June 2008 SCA submittal. The SCA was submitted for OAR to Progress Energy on April 1st. Current critical activities are completing OAR, legal reviews, and management reviews to support the June submittal date.

2.4.4. PEF SS&W Price Finalization

The project is complete except for Task 11, COLA reviews and open items to resolve on Task 12 related to travel expenses. The SPI is 1.0. The CPI is 1.0 with current forecasted cost expected to be approximately under the inds authorized.

REDACTED

2.4.5. PEF Westinghouse Price Finalization

This work is complete; however the January 31st project milestone to deliver the Levy pre-construction schedule was not met. A PDF version of an interim schedule was delivered on February 14th, and an electronic version of the Levy integrated schedule was delivered on March 14th. Progress Energy has contacted Westinghouse to address the overall quality of the deliverables and



determine if is acceptable per terms of the contract. Final payment is being withheld until all contractual items are resolved.

2.4.6. PEF SS&W Phase 1A Conceptual Design/Planning

Overall Phase 1A project is 100% complete for the original tasks. The SPI for the project is 1.00 (approved impact evaluation established a re-baseline for project). Progress Energy review of CDP's completed. The CPI is 1.00 with current forecasted cost to be under the funds authorized.

2.4.7. PEF SS&W SCA & LWA Support REDACTED

WA approved to provide engineering, geotechnical, and construction support to support the submittal of the SCA and LWA. The work commenced on February 11th under WA #2, Task 13. Realignment of work to a new WA #6 is complete. Key work items center on dewatering well drilling and testing. The SPI for the reject is 1.22. The CPI is 1.0 with current forecasted cost to be on budget to the Ithorized.

2.5. Scope Changes

2.5.1. Business Analysis Package (BAP) Changes

Discussions were completed with Capital Planning & Control to convert the LNP project from the Business Analysis Package Process (BAP) to the Integrated Project Plan Process (IPP). A 2nd COLA BAP revision was completed and approved to incorporate requirements of the WEC & Shaw LOI, approved COLA impact evaluations, and bridge the 2008 project requirements until Price Finalization and EPC negotiations are completed and an updated total project cost can then be incorporated into an IPP. In the interim a 'BAP Bridge Document' will be presented to LINC on May 9th to "bridge" the Project Authorization from the previously approved BAP until the new IPP is developed. For purposes of 2008, a BAP Bridge is to be developed for each the Transmission and COLA/Construction activities for 2008.

2.5.2. PEC Scope Changes Authorized

Since approval of JVT WA Amendment # 4 in April 2007, NPD has approved 22 Impact Evaluations for a total of These are being incorporated into the next WA Amendment #5 which is complete and currently awaiting final approval by the JVT. Upon approval of WA #5, the COLA budget will be

REDACTED

Most Impact Evaluations approved were required to support conceptual design work for site specific systems needed for the COLA and for new scope items required for FSAR 2.5. 3 additional Impact Evaluations have been approved for a total of 1 additional Impact Evaluation was approved to delete WWS Biocide scope, a credit c Also, 3 Impact Evaluations were reviewed and rejected for a total c

REDACTED

Performance Report March 2008

2.5.3. PEC Potential and/or Pending Scope Changes

Other potential Progress Energy Carolina scope changes include:

- All COLA Phase 1 items have been dispositioned
- COLA Phase 2 Impact Evaluation approved
 . Work Authorization
 is being prepared

REDACTED

Each potential PEC scope change goes through a formal review process and dollar values are subject to be changed from the original amount submitted.

REDACTED

2.5.4. PEF Authorized Scope Changes

Since approval of JVT WA Amendment # 2 in June 2007, NPD has approved 47 Impact Evaluations for a total of These have been incorporated into WA Amendment #3. Most Impact Evaluations were required to support additional field activities required after selecting the site, and also for conceptual design work for site specific systems needed for the COLA. It should be emphasized that the large number of Impact Evaluations and associated cost is due to the Levy Site not being selected at the time the COLA work started. Also, 4 Impact Evaluations were reviewed and rejected for a total of Based on impact evaluations submitted and approved the next WA amendment would increase the contract budget to

REDACTED

- Since approval of SSW WA#2 for Phase 1A support, one impact evaluation was approved to complete COLA constructability reviews. This work was funded from current WA#2 underruns. Impact Evaluation 94 was approved to document approximately \$1.1M savings to WA #1, #2, #3, and #4.
- SSW WA #6 approved for SCA & LWA submittal support
- SSW proposal submitted , to provide limited Phase 1 design support to preserve the 2016 COD option

2.5.5. PEF Potential and/or Pending Scope Changes

Other Progress Energy Florida potential scope changes include:

- RCC & Flowable Fill Test Pad
- Solution Cavities
- FSAR 2.0 & 2.4 additional scope
- Site Arrangement ER Impacts
- U2 Dewatering drill deeper well to 225 feet



Performance Report March 2008

_ •⁻⁻⁻ ·

Each potential PEF scope change goes through a formal review process and dollar values are subject to be changed from the original amount submitted.

2.6. High Risk Issues

The following risk items identified for Management attention for PEC include:

• Expectations for water requirements from the Cape Fear River.

The following risk items identified for Management attention for PEF include:

- Resolution of the site boundary (EAB) as determined by the initial meteorological data.
- Suitability of the soil/rock substrata for AP1000 structures. Karst investigations
- · Evaluation & environmental impacts of the makeup and blowdown options
- Obtaining US Army Corps of Engineer and Florida state review of permits
- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis)
- Design of Site unique systems continue to evolve. Late changes could impact COLA submittal

2.7. Organization & Staffing

2.7.1. Permanent Positions

The following authorized positions are vacant on the organization chart / being recruited in the NPD organization:

- Sr Engineer
- Sr Engineer Licensing
- Sr Document Management Specialist

2.7.2. Contract Staff

The following functional areas are covered by contract personnel augmentation:

- Field & Construction Management.
- Emergency Planning.
- COLA Administrative Reviews.
- NPD Project Docs. Database implementation.
- Environmental permitting & licensing.
- Scheduling (part-time support via NGG Fire Protection contract staff).

2.7.3. License Renewal Staffing Transition

Transition to NES Chiefs complete.

3. Significant Project Decisions

The following significant recently made decisions regarding the Harris and Levy Deployments.

3.1. PEC

- Failure Mode Effects Analysis for the switchyard will be completed per Reg. Guide 1.206 and the NRC Standard Review Plan
- Technical Support Center will be in the nuclear island as originally designed by Westinghouse
- Will not excavate the non-active fault that extends to the Unit 2 area prior to COLA submittal
- To support the ER, will use table top evaluations that show Transmission Right of Way through the county impacted since route is not final
- Location of the Cape Fear Make-up was finalized
- FMEA for Switchyard to be performed per RG 1.206
- DCD plant elevation 100' equals NGVD elevation 261'

3.2. PEF

- COLA borings confirming the location & orientation of Units 1&2.
- Conceptual foundation design approach finalized. Compacted fill will be used for the nuclear island, piles will be used for other buildings (i.e.: Turbine, Diesel, and Annex. Buildings)
- Railroad to Dunnellon will exit towards the north east on the north side of the property
- Utilizing a combined Switchyard for both units instead of separate Switchyard.
- The freshwater source for Potable, Demineralized, and Service Water Cooling Tower systems is well water
- Blowdown discharge will be to the Crystal River discharge Canal to the gulf via the north bank of the barge canal and then along the Progress Energy transmission corridor running south from the Barge Canal
- The option where CWS Blowdown is to the Crystal River discharge canal will be described in the ER
- The Barge Canal is the option selected for the Make-up water intake.
- Linear Forced Draft Cooling Towers economic analysis of alternates
- RCC testing options finalized
- Combined Unit 1&2 500 Kv switchyard. Line voltage from Switchyard to
- RAT is 500 Kv 230 Kv. To accommodate the 230 Kv RAT, the switchyard size will increase and the orientation will be East West

4. Self-Evaluation Results

4.1. Self Assessments and Audits

Upcoming assessments/ audits include:.

- Financial charging Practices 4th Quarter, 2007 (report complete, debrief complete, additional assignments forthcoming).
- PES Audit of NPD November 5th 2007. (Complete, implementing recommendations and corrective actions).
 - AR 255175 A standard set of training needs has not been established for NPD personnel.
 - AR 255177 NPD Should consider adding a vendor monitoring plan to provide a systematic approach to the overall control and monitoring of NPD vendors.
- Internal Audit completed in December 2007 achieved an effective rating. Minor observations included improved risk identification, strengthened contract language requiring more supporting invoice detail, implementing the project integrated schedule, and continued monitoring of staffing requirements.

4.2. NPD Corrective Action Program (CAP)

The following NPD NCRs were written during March 2008

- 00269105 QA Records (NPORs) not transmitted to Records in 90 days
- 00269850 Incorrect information in Harris COLA FSAR 1.4.2.8.2
- 00269682 HAR ER 5.8 Tax Clarification
- 00269980 Def. 1 Quick Hit Self Assessment 257135 (Time Approval)
- 00269988 Def. 2 Quick Hit Self Assessment 257135 (Legal Dept Charges)
- 00269990 Def. 1 Quick Hit Self Assessment 257135 (Fixed Distribution)
- 00270054 Rec. 1 Quick Hit Self Assessment 257135 (Time Approval)
- 00270057 Rec. 2 Quick Hit Self Assessment 257135 (Document Expenses)
- 00270059 Rec. 3 Quick Hit Self Assessment 257135 (Approval of Expenses)
- 00270082 Rec. 4 Quick Hit Self Assessment 257135 (Capitalization Docs)
- 00271179 HAR COLA Figure 2.5.4-212B not correct
- 00272206 Future Correction HAR COLA ER 5.8.2.8
- 00272214 HAR COLA Reference PDF with Revision Mode of Word

4.3. NPD Benchmarking

NPD Self Assessment & Benchmark 2008 plan is complete. No assessments or benchmarks are due 1st quarter.

4.4. NPD Quality Assurance Activities

NGGM-PM-0030 formally documents existing business philosophy to use existing NGGC procedures and processes to implement Appendix B for new plant activities.

• Progress Energy audit conducted the week of 3/31/08. The audit team noted significant and continued improvement in CH2MHILL performance.



4.4.1. NRC QA Audit

- The NRC notified Progress Energy that the audit response provided to the NRC on 2/19/08 has been reviewed in detail and determined to be satisfactory. No further action in response to the NRC is required.
- The NRC also notified us that an LNP QA audit will not be conducted by the NRC prior to COLA submittal.

4.4.2. NPD Quality Assurance Plan

Quality Assurance Plan for Nuclear Plant Development and Construction Activities is included in NGG Program Manual and approved by the Chief Nuclear Officer. NGGM-PM-0030, Quality Assurance Plan for New Nuclear Plant Development and Construction Activities, Revision 0 issued and effective June 25, 2007.

4.4.3. Planned COLA Reviews

 COLA review and affirmation is being conducted in accordance with NGGS-NPD-001. Final review will incorporate any required changes from the NRC sufficiency review of other COLAs.

5. Engineering Update

5.1. PEF Land Acquisition

NPD continues to work with Progress Energy Real-estate and several other PEF organizations to finalize the rail spur route from Dunnellon to the LEVY site. One option to minimize land purchase is to utilize sections of an abandoned rail corridor owned by Progress Energy.

5.2. PEF Field Activities

Site de-watering test continue at the LEVY site. The test will be used to support LWA work in addition to other site specific work planning. The site de-watering test will be completed in early May

5.3. PEF Site Engineering

The focus of the NPD Engineering group during March has been primarily centered on supporting technical reviews of the LEVY FSAR COLA sections. The JVT has continued with the evaluation of the option for LEVY blowdown piping discharging into the Crystal river energy complex's discharge canal. Although this option appears technically sound and a preferred low cost option (compared to discharging directly into the gulf) there still needs to be a resolution with all issues associated with current CR discharge limits and permit impacts. NPD Engineering and the JVT have also been evaluating the possibility of eliminating the separate CT blowdown flow. If found to be feasible this design would eliminate a large planned capital cost associated with the separate blowdown basin.



5.4. PEC Field Activities

Currently, there are no field activities in progress at HAR.

5.5. PEC Site Engineering

There was no active HAR site engineering during March.

5.6. AP1000 Design Activities

There was a NuStart meeting hosted by Southern Company to begin the process of determining how AP-913 and the equipment reliability model (e.g., ZTEF) will be incorporated into the AP1000 design process. A preliminary list of items for inclusion in the Procurement Specification was developed and routed for comment. In addition a margin review meeting was conducted at Westinghouse where 3 representative systems were reviewed by NuStart for anticipated design and operating margins. Low margin issues were noted in each of these systems. Development of a generic outline of how the WEC designers could approach a review of margins for their respective systems was also developed and shared with WEC supervision.

NuStart received the preliminary flow diagrams for the secondary plant; one major issue that was identified during the reviews was that the Westinghouse design did not allow for individual isolation of Feedwater heaters. A DCP has been initiated to correct this condition.

NuStart and Westinghouse continue to develop the I&C/HFE functional requirements documents. One issue that needs to be addressed is the life cycle and support of the proposed ABB safety related I&C platform. There will be an Intermediate Design Review of the Reactor Trip/ESFAS conducted April 22nd and 23rd in Monroeville.

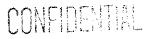
The integrated WEC,SSW and Toshiba design finalization schedule was received in March. The delivered schedule did not meet expectation of Progress Energy or the AP 1000 builders group. Westinghouse is currently working with the builders group to address issues associated with the delivered schedule. One key component missing in the schedule was the integration of utility resource requirements to support final system design and component specification reviews. These links are essential to utilities being able to ensure they are properly staffed to support these reviews.

6. Licensing Update

6.1. PEC

HAR COLA was submitted on 2/19/08. Sufficiency reviews have not identified any technical issues with the COLA to date. The NRC has identified potential areas that could impact the review schedule. These include:

• The need to conduct a traffic impact analysis to fully understand the impacts during work required to support raising the lake level.



 Aquatic sampling that needs to be conducted on the Cape Fear river near the planned intake structure location.

Actions are being initiated to address these potential COLA review schedule impacts identified by the NRC.

Completion of NRC sufficiency review and docketing of the HAR COLA is expected in mid-April, approximately 60 days after submittal.

6.2. PEF

The PEF COLA is on track for submittal by 7/30/08. The COLA must be accepted by the NRC on 12/31/08 to be eligible for Production Tax Credits. In addition, we have recently been advised by the NRC that COLA submittals after 9/30/08 will result in a significant delay due to lack of NRC reviewers.

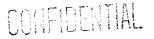
The NRC will conduct a pre-application review of the PEF Environmental Report in Raleigh on May 8 & 9. We expect 12 NRC reviewers and will have subject matter experts available to address questions.

Final page turn of the PEF COLA is scheduled to complete by 5/26/08. This will support electronic packaging starting on June 6.

Progress Energy submitted a letter to the NRC identifying the need for an LWA to support the LNP COLA on 2/26/08. The scope of the LWA is as follows:

- Installation of a permanent reinforced concrete Diaphragm Wall to facilitate excavation for the Nuclear Island,
- Consolidation grouting of substrate in-situ material below Nuclear Island foundation,
- Nuclear Island foundation surface preparation with dental concrete,
- Roller Compacted Concrete (RCC) placement under the Nuclear Island,
- Install mud mat under the Nuclear Island,
- Install waterproofing within the mud mat under the Nuclear Island,
- Install rebar in the Nuclear Island concrete foundation,
- Erection of safety related concrete placement forms,
- Install Turbine Building Foundation Piles,
- Install Annex Building Foundation Piles, and
- Install Radwaste Building Foundation Piles.

The other significant challenge is to obtain Corps of Engineers review and approval of 404 (Clean Water Act) permits that will be required to support the Levy site development. We have had meetings with the Corps and determined that early permits are not achievable. The Corps is open to processing separate permits for construction activities that demonstrate independent utility. We believe that the barge slip and associated bridge and access road meet this requirement. Plans are being made to separately submit permits for the barge slip, bridge and access road.



Performance Report March 2008

Site Certification Application (SCA) is scheduled for submittal in June 2008. We anticipate that pre-construction work will require permits to be issued in advance of SCA. Legislation is being introduced in Florida to allow issuance of permits in advance of the SCA. Scope and schedule for required permits is being developed and meetings with the state agencies will be setup to review permitting needs.

Resolution of the required 404 permit (Corps of Engineers) concerns and approval of the SCA and LWA within 2 years is required to achieve an in-service date for LNP by 4th quarter 2016.

7. NuStart Development LLC Update

The AP1000 R-COLA (Bellefonte) was docketed by the NRC in January. The NRC docketed the Duke Power, Lee COLA on 2/29/08. The decision was made by NuStart to accept Dominion's North Anna Station as the reference ESBWR COL, and as a result decided to delay the submittal of NuStart's ESBWR COLA for Grand Gulf to February 2008. The Entergy, Grand Gulf COLA was submitted on 2/27/08.

8. APOG LLC Update

The APOG LLC (which stands for Advanced Passive 1000 Owners Group) was officially formed in August 2007, with initial members consisting of Progress Energy, SCANA, Duke Energy, and Southern. The first kick-off meeting was held in September 2007. No recent meetings or activities have been held.

9. Public and Media Interaction

A public meeting was held with the NRC on 3/6/08 to provide an overview of the Harris COLA.



Performance Report

April 2008

Progress Energy, Inc. 410 South Wilmington Street Raleigh, North Carolina 27602



Submitted by

Supervisor Projects Controls

Approval

General Manager NPD&LR:



.

Performance Report April 2008

Table of Contents

1. Executive Summary
12 Cost
1.2. COSt
1.3. Schedule
1.4. Key Issues
1.5. Look Ahead
2. Project Performance Data and KPIs
2.1. KPI Summary
2.2. Cost Performance
2.3. Contract Status (exceeding \$100k) 9
2.4. Schedule Performance
2.4.1. PEC COLA Development
2.4.2. PEF COLA Development
2.4.3. PEF SCA Development 10
2.4.4. PEF SS&W Price Finalization 10
2.4.5. Westinghouse LOI
2.4.6. PEF Westinghouse Price Finalization
2.4.7. PEF SS&W Phase 1A Conceptual Design/Planning
2.4.8. PEF SS&W SCA & LWA Support
2.5. Scope Changes 11
2.5.1. Business Analysis Package (BAP) Changes
2.5.2. PEC Scope Changes Authorized
2.5.3. PEC Potential and/or Pending Scope Changes
2.5.4. PEF Authorized Scope Changes
2.5.5. PEF Potential and/or Pending Scope Changes
2.6. High Risk Issues
2.7. Organization & Staffing
2.7.1. Permanent Positions 13
2.7.2. Contract Staff
2.7.3. License Renewal Staffing Transition
3. Significant Project Decisions
3.1. PEC
3.2. PEF
4. Self-Evaluation Results
4.1. Self Assessments and Audits
4.2. NPD Corrective Action Program (CAP)
4.3. NPD Benchmarking
4.4. NPD Quality Assurance Activities
4.4.1. NRC QA Audit
4.4.2. NPD Quality Assurance Plan15
4.4.3. Planned COLA Reviews 15
5. Engineering Update
5.1. PEF Land Acquisition15

Performance Report April 2008

5.2. PEF Field Activities	
5.3. PEF Site Engineering	
5.4. PEC Field Activities	
5.5. PEC Site Engineering	
5.6. AP1000 Design Activities	
6. Licensing Update	
6.1. PEC	
6.2. PEF	
7. R-COLA Milestones	
8. AP1000 DCD Rev 16 Milestones	
9. NuStart Development LLC Update	
10. APOG LLC Update	
11. Public and Media Interaction	

Performance Report April 2008

1. Executive Summary

1.1. Safety

There are no health and safety issues to report for the month of April 2008.

1.2. Cost

REDACTED

1.3. Schedule

PEC COLA (JVT) - The project is 99.9% complete. The COLA has been docketed by the NRC. Remaining open items will be completed by end of May 2008.

PEF COLA (JVT) -The project is 92% complete. The project schedule reflects 158 of 166 activities scheduled for April 2008 that were completed on time (95%). Remaining 8 activities were completed by May 5th. The project schedule supports a July 31st COLA submittal. Critical work is to complete and issue FSAR 2.5. The project is currently 10 days behind schedule, but measures are in place to recover the delay to support Page Turn.

PEF Phase 1A Task 11 (Shaw) – The constructability reviews for FSAR 2.4, FSAR 2.5.3, ER Chapter 2, ER Chapter 4, and the Site Redress Plan were completed in April. FSAR 2.5.2, FSAR 2.5.4, FSAR Chapter 9, and LWA reviews were scheduled to be completed for the reporting period, but remain outstanding pending submittal by Progress Energy.

PEF Long Lead Equipment (Westinghouse) – Equipment purchasing activities are on schedule. PO for the Reactor Coolant Pumps was submitted on April 28th and 9 additional purchase orders are scheduled to be placed during May.

Performance Report April 2008

PEF SCA & LWA Submittals (Shaw) – All work activities are currently scheduled to be complete on June 30, 2008. Emphasis has been placed on supporting deliverables that support the JVT SCA schedule. Shaw did note that design completion of the documents supporting the SCA has required a much higher level than the originally estimated 30%.

PEF Site Certification Application (JVT) – The project is 68% complete. Rev. C of the SCA was submitted for Owner Acceptance Review on April 1st. Current schedule indicates all activities are currently on target to support a June 2, 2008 SCA submittal. 32 of 67 activities completed in April (with 33 activities completed early (Jan-Mar). Two activities were incomplete as of April 26th.

1.4. Key Issues

- Support PEF Need Determination Hearings in Tallahassee
- Continued progress on Levy EPC negotiations
- 60 day period for contentions on Harris COLA
- Internal Audit of PEF Total Project Cost Estimate

1.5. Look Ahead

- LNP Nuclear Need Hearings (Week of 5/19)
- ERP submittal for Barge Slip (5/27)
- SCA Submittal (6/2)
- Levy NRC Public Outreach Meeting (6/5)
- Harris NRC Public Meeting (6/10)

Performance Report April 2008

2. Project Performance Data and KPIs

2.1. KPI Summary

Project Cost Current Year Project Cost Total COLA BAP Major Milestone Achievement



PEF COLA SPI -	1.01	
PEF COLA CPI -	1.08	
PEC COLA SPI -	1.00	
PEC COLA CPI -	1.09	
Shaw PH 1A SPI -	1.00	
Shaw PH 1A CPI -	1.00	
Shaw Price Final SPI -	1.00	
Shaw Price Final CPI-	1.00	
SCA SPI -	1.00	
SCA CPI -	1.26	
Shaw SCA & LWA SPI	- 1.48	
Shaw SCA & LWA CPI	- 1.11	

2.2. Cost Performance

REDACTED

CONFIGNATION

PAGES 7 - 8 REDACTED

Performance Report April 2008

2.3. Contract Status (exceeding

REDACTED

REDACTED

2.4. Schedule Performance

REDACTED

2.4.1. PEC COLA Development

Overall COLA project is 99.9% complete. The Schedule Performance Index (SPI) for the project is 1.00. The Cost Performance Index (CPI) for the project is 1.09 and is expected to be completed at <u>nder the approved</u> <u>REDACTED</u> approved budget (excluding incentives). The project CPI consistently trended under the approved project baseline budget. The COLA has been docketed by the NRC. Remaining open items will be completed by end of May 2008.

2.4.2. PEF COLA Development

Overall COLA project is 92% complete. The Schedule Performance Index (SPI) for the project is 1.01. The project schedule reflects 158 of 166 activities scheduled for April 2008 that were completed on time (95%). Remaining 8 activities were completed by May 5th. The project schedule supports a July 31st COLA submittal. Critical work is to complete and issue FSAR 2.5. The project is currently 10 days behind schedule, but measures are in place to recover the



Performance Report April 2008

delay to support Page Turn. Weekly schedule review meetings of critical items, action items, and upcoming activities with the JVT continue. Weekly schedule call with JVT on FSAR 2.5 also continues. The NRC has stated that sufficiency reviews for the Bellefonte COLA will take 60-120 days. The July submittal date is critical with the longer NRC acceptance review schedule. The CPI for the project is 1.08. The CPI has consistently trended under the approved project baseline budget.

2.4.3. PEF SCA Development

The project is approximately 68% complete. The SPI for the project is 1.00 and the CPI is 1.26. Rev. C of the SCA was submitted for Owner Acceptance Review on April 1st. Current schedule indicates all activities are currently on target to support a June 2, 2008 SCA submittal. 32 of 67 activities completed in April (with 33 activities completed early (Jan-Mar). Two activities were incomplete as of April 26th, but were completed in early May.

2.4.4. PEF SS&W Price Finalization

The project is complete. Open items to be resolved on Task 12 related to travel expenses.

2.4.5. Westinghouse LOI

PEF Long Lead Equipment purchasing activities are on schedule. PO for the Reactor Coolant Pumps was submitted on April 28th and 9 additional purchase orders are scheduled to be placed during May.

2.4.6. PEF Westinghouse Price Finalization

This project is complete.

2.4.7. PEF SS&W Phase 1A Conceptual Design/Planning

Overall Phase 1A project is 100% complete for the original tasks. Task 11 remains open. Constructability reviews for FSAR 2.4, FSAR 2.5.3, ER Chapter 2, ER Chapter 4, and the Site Redress Plan were completed in April. FSAR 2.5.2, FSAR 2.5.4, FSAR Chapter 9, and LWA reviews were scheduled to be completed for the reporting period, but remain outstanding pending submittal by Progress Energy.

2.4.8. PEF SS&W SCA & LWA Support

WA approved to provide engineering, geotechnical, and construction support to support the submittal of the SCA and LWA. The work commenced on February 11th under WA #2, Task 13. Realignment of work to a new WA #6 is complete. All work activities are currently scheduled to be complete on June 30, 2008. Emphasis has been placed on supporting deliverables that support the JVT SCA schedule. Shaw did note that design completion of the documents supporting the SCA has required a much higher level than the originally estimated 30%. The SPI for the project is 1.48. The CPI is 1.11, with current forecasted cost to be on budget to the authorized.

REDACTED

2.5. Scope Changes

2.5.1. Business Analysis Package (BAP) Changes

Discussions were completed with Capital Planning & Control to convert the LNP project from the Business Analysis Package Process (BAP) to the Integrated Project Plan Process (IPP). A 2nd COLA BAP revision was completed and approved to incorporate requirements of the WEC & Shaw LOI, approved COLA impact evaluations, and bridge the 2008 project requirements until Price Finalization and EPC negotiations are completed and an updated total project cost can then be incorporated into an IPP. An interim 'BAP Bridge Document' will be prepared to update 2008 cost and cash flow once EPC negotiations are complete (Bridge IPP will be routed with the EPC for approval). This will be followed promptly by a full IPP for the total projection.

2.5.2. PEC Scope Changes Authorized

Since approval of JVT WA Amendment # 5 in May 2008, NPD has approved 7 Impact Evaluations for a total of Approval of these Impact Evaluations was required to support Hybrid Cooling Economic study, Liquifaction, and to support an NRC Public Meeting. 2 Impact Evaluations were reviewed and rejected for a total of

REDACTED

2.5.3. PEC Potential and/or Pending Scope Changes

Other potential Progress Energy Carolina scope changes include:

 Evaluate impacts of potential water withdrawal from Cape Fear River Basin and assess changes to Harris Reservoir Level during different climate conditions.

Each potential PEC scope change goes through a formal review process and dollar values are subject to be changed from the original amount submitted.

2.5.4. PEF Authorized Scope Changes

 Since approval of JVT WA Amendment # 3 in May 2008, NPD has approved 4 Impact Evaluations for a total or Impact Evaluations were required to support NRC ER site visit, follow up on Site Arrangement ER impacts, and additional scope to address solution cavities. 2 Impact Evaluations are pending to finalize RCC Test Pad Scope and finalize FSAR 2.5.4 scope reductions from CH2M. There are 2 other pending IE's for additional fieldwork cost and additional scope for FSAR 2.4 that are to be discussed by CH2M and NPD Management. One Impact Evaluation (ER Ch 7 Adjustments) was rejected for a total of

REDACTED

CONFIDENTIAL

Performance Report April 2008

- Since approval of JVT WA # 3 for the Site Certification Application in July 2007, 4 Impact Evaluations were approved for a total of **REDACTED** The Impact Evaluations incorporated new scope related to Federal Permitting, Wetland Mitigation Plan, and Baseline Ecological Survey. Based on impact evaluations submitted and approved, the next WA amendment would increase the contract budget to WA amendment is in process.
- Westinghouse (LOI) Placement of Purchase Orders for Long Lead
 Equipment REDACTED REDACTED
- SSW WA #6 approvec.
 SSW proposal submitted
 to provide limited Phase 1 designed
- SSW proposal submitted to provide limited Phase 1 design support to preserve the 2016 COD option

2.5.5. PEF Potential and/or Pending Scope Changes

Other Progress Energy Florida potential scope changes include:

- Shaw additional scope and testing for wetland impact to railroad spur corridor and transmission corridor
- Shaw additional design scope to revise the size of storm water ponds, relocation of heavy haul bridge to avoid wetland impact, and relocation of buildings to support cost reduction effort
- Shaw dewatering well drilling and testing

Each potential PEF scope change goes through a formal review process and dollar values are subject to be changed from the original amount submitted.

2.6. High Risk Issues

The following risk items identified for Management attention for PEC include:

- Expectations for water requirements from the Cape Fear River.
- QA on geotechnical and drought issues

The following risk items identified for Management attention for PEF include:

- Resolution of the site boundary (EAB) as determined by the initial meteorological data.
- Suitability of the soil/rock substrata for AP1000 structures. Complexity of Karst investigations
- Evaluation & environmental impacts of the makeup and blowdown options
- Obtaining US Army Corps of Engineer and Florida state review of permits
- Develop maximum 100 year wet bulb and dry bulb temperature (100 year return period basis)
- Design of Site unique systems continue to evolve. Late changes could impact COLA submittal

2.7. Organization & Staffing

2.7.1. Permanent Positions

The following authorized positions are vacant on the organization chart / being recruited in the NPD organization:

- Sr Engineer
- Sr Engineer Licensing
- Sr Document Management Specialist

2.7.2. Contract Staff

The following functional areas are covered by contract personnel augmentation:

- Field & Construction Management.
- Emergency Planning.
- COLA Administrative Reviews.
- NPD Project Docs. Database implementation.
- Environmental permitting & licensing.
- Scheduling (part-time support via NGG Fire Protection contract staff).

2.7.3. License Renewal Staffing Transition

Transition to NES Chiefs complete.

3. Significant Project Decisions

The following significant recently made decisions regarding the Harris and Levy Deployments.

3.1. PEC

- Failure Mode Effects Analysis for the switchyard will be completed per Reg. Guide 1.206 and the NRC Standard Review Plan
- Technical Support Center will be in the nuclear island as originally designed by Westinghouse
- Will not excavate the non-active fault that extends to the Unit 2 area prior to COLA submittal
- To support the ER, will use table top evaluations that show Transmission Right of Way through the county impacted since route is not final
- Location of the Cape Fear Make-up was finalized
- FMEA for Switchyard to be performed per RG 1.206
- DCD plant elevation 100' equals NGVD elevation 261'
- 3.2. PEF
 - COLA borings confirming the location & orientation of Units 1&2.
 - Conceptual foundation design approach finalized. Compacted fill will be used for the nuclear island, piles will be used for other buildings (i.e.: Turbine, Diesel, and Annex. Buildings)
 - Railroad to Dunnellon will exit towards the north east on the north side of the property

CONFIDENTIAL

Performance Report April 2008

- Utilizing a combined Switchyard for both units instead of separate Switchyard.
- The freshwater source for Potable, Demineralized, and Service Water Cooling Tower systems is well water
- Blowdown discharge will be to the Crystal River discharge Canal to the gulf via the north bank of the barge canal and then along the Progress Energy transmission corridor running south from the Barge Canal
- The option where CWS Blowdown is to the Crystal River discharge canal will be described in the ER
- The Barge Canal is the option selected for the Make-up water intake.
- Linear Forced Draft Cooling Towers economic analysis of alternates
- RCC testing options finalized
- Combined Unit 1&2 500 Kv switchyard. Line voltage from Switchyard to
- RAT is 500 Kv 230 Kv. To accommodate the 230 Kv RAT, the switchyard size will increase and the orientation will be East West
- ER and Hydrology for CR Blowdown
- RCC Testing

4. Self-Evaluation Results

4.1. Self Assessments and Audits

Upcoming assessments/ audits include:

- 00258644 COLA Preparation and Review (Quick Hit)
- Internal Audit of Total Project Cost Estimate spreadsheet & supporting details

4.2. NPD Corrective Action Program (CAP)

The following NPD NCRs were written during April 2008

• 00274379 - Error in Harris COLA ER Chapter 6 Reference

4.3. NPD Benchmarking

NPD Self Assessment & Benchmark 2008 plan is complete. No benchmarks are scheduled for 2Q.

4.4. NPD Quality Assurance Activities

NGGM-PM-0030 formally documents existing business philosophy to use existing NGGC procedures and processes to implement Appendix B for new plant activities.

 Progress Energy audit conducted the week of 3/31/08. The audit team noted significant and continued improvement in CH2MHILL performance.

Performance Report April 2008

4.4.1. NRC QA Audit

- The NRC notified Progress Energy that the audit response provided to the NRC on 2/19/08 has been reviewed in detail and determined to be satisfactory. No further action in response to the NRC is required.
- The NRC also notified us that an LNP QA audit will not be conducted by the NRC prior to COLA submittal.

4.4.2. NPD Quality Assurance Plan

Quality Assurance Plan for Nuclear Plant Development and Construction Activities is included in NGG Program Manual and approved by the Chief Nuclear Officer. NGGM-PM-0030, Quality Assurance Plan for New Nuclear Plant Development and Construction Activities, Revision 0 issued and effective June 25, 2007.

4.4.3. Planned COLA Reviews

• COLA review and affirmation is being conducted in accordance with NGGS-NPD-001. Final review will incorporate any required changes from the NRC sufficiency review of other COLAs.

5. Engineering Update

5.1. PEF Land Acquisition

NPD continues to work with Progress Energy Real-estate and several other PEF organizations to finalize the rail spur route from Dunnellon to the LEVY site. Currently a parallel effort is being proposed to the LINC which would consider a rail route thru the Goethe Forest, avoiding individual land owners in addition to the route which would use about 2.5 miles of an abandoned PEF rail corridor in Dunnellon then would require the remaining 10 miles of corridor to be purchased from individual land owners. The LINC will rule on a preferred acquisition approach in their mid May meeting.

5.2. PEF Field Activities

There were no field activities at the LEVY site in April.

5.3. PEF Site Engineering

The focus of the NPD Engineering group during April has been primarily centered on supporting technical reviews of the LEVY FSAR COLA sections. Specifically NPD Engineering has been working closely with the JVT and Paul Rizzo associates on the site geotechnical sections of the COLA and the Nuclear Island foundation design. The division of responsibilities in these areas was changed in early 2008 based on schedule concerns and expertise required for the foundation design. The split in responsibilities

Performance Report April 2008

has brought additional coordination challenges in ensuring consistency between the interfacing COLA sections. NPD Engineering has also been evaluating the proposed LEVY site specific scope for potential cost reductions. Cost reduction items have been identified such as reducing the amount of grading being proposed for permanent roads, parking lots and general site layout. In addition several facilities are being relocated which will greatly reduce the amount of utility piping and power required to support the outlying facilities. These reductions have been discussed with SSW and they are currently re-estimating these areas and will be issuing revised site specific cost.

5.4. PEC Field Activities

Currently, there are no field activities in progress at HAR.

5.5. PEC Site Engineering

There was no active HAR site engineering during March.

5.6. AP1000 Design Activities

The Nustart Engineering team continues to provide feedback and expectations to WEC on the AP 1000 integrated schedule. The schedule currently is deficient in identifying and linking key vendor/ utility interface activities. WEC is currently revising the schedule and has set up a meeting with NUStart in early June to present the revised product.

Design Change Proposal (DCP) 411 approved a major change to the AP1000 Reactor Head. The new approach will utilize a variant of the CE head design in place at St Lucie unit 2. This change simplifies a number of refueling manipulation and access issues associated with the reactor head and internals. Numerous additional changes will be needed in other components (e.g., CRDM supports, Incore instrumentation, and CRDM cooling fans) and structural modules (e.g., re-design of the head stand and removal of incore instrument shielding tank from the CA20 module) to support DCP-411. Although this change represents a better design its impact has not been integrated into the overall AP 1000 schedule.

NPD Engineering has started receiving Bellefonte RAI's based on the NRC's review of the Bellefonte reference COLA. NuStart member are in the review/ comment loop for these RAI's, (with a short turnaround period), since the issues and response will impact each utilities AP 1000 COLA's.

e., ,

6. Licensing Update

6.1. PEC

HAR COLA was submitted on 2/19/08. HAR COLA notice of acceptance for docketing from the NRC was received on 4/18/08. Items that the NRC identified as concerns re review schedule include the following:

- a. Incomplete recirculation screen design in the referenced design (this is a generic AP1000 & industry issue),
- b. Transportation impact analysis needed to support the evaluation of construction and operational road impacts of reconstructed roads, and
- c. Environmental impacts at the proposed intake location of the water makeup source cannot be assessed due to the lack of sampling for aquatic species

Near-term NRC interactions include:

The NRC will issue the schedule for review of the Harris COLA in May, approximately 30 days after docketing. A separate Federal Register Notice (FRN) will also be issued for Notice of Hearing which will start the 60 day window for intervention.

6.2. PEF

The PEF COLA is on track for submittal by 7/30/08. The COLA must be accepted by the NRC on 12/31/08 to be eligible for Production Tax Credits. In addition, we have recently been advised by the NRC that COLA submittals after 9/30/08 will result in a significant delay due to lack of NRC reviewers.

The NRC will conduct a pre-application review of the PEF Environmental Report in Raleigh on May 8 & 9. We expect 12 NRC reviewers and will have subject matter experts available to address questions.

Final page turn of the PEF COLA is scheduled to complete by 5/26/08. This will support electronic packaging starting on June 6.

Progress Energy submitted a letter to the NRC identifying the need for an LWA to support the LNP COLA on 2/26/08. The scope of the LWA is as follows:

- Installation of a permanent reinforced concrete Diaphragm Wall to facilitate excavation for the Nuclear Island,
- Consolidation grouting of substrate in-situ material below Nuclear Island foundation,
- · Nuclear Island foundation surface preparation with dental concrete,
- Roller Compacted Concrete (RCC) placement under the Nuclear Island,
- Install mud mat under the Nuclear Island,
- Install waterproofing within the mud mat under the Nuclear Island,
- Install rebar in the Nuclear Island concrete foundation,
- · Erection of safety related concrete placement forms,
- Install Turbine Building Foundation Piles,

Performance Report April 2008

- Install Annex Building Foundation Piles, and
- Install Radwaste Building Foundation Piles.

The other significant challenge is to obtain Corps of Engineers review and approval of 404 (Clean Water Act) permits that will be required to support the Levy site development. We have had meetings with the Corps and determined that early permits are not achievable. The Corps is open to processing separate permits for construction activities that demonstrate independent utility. We believe that the barge slip and associated bridge and access road meet this requirement. Plans are being made to separately submit permits for the barge slip, bridge and access road.

Site Certification Application (SCA) is scheduled for submittal in June 2008. We anticipate that pre-construction work will require permits to be issued in advance of SCA. Legislation is being introduced in Florida to allow issuance of permits in advance of the SCA. Scope and schedule for required permits is being developed and meetings with the state agencies will be setup to review permitting needs.

Resolution of the required 404 permit (Corps of Engineers) concerns and approval of the SCA and LWA within 2 years is required to achieve an in-service date for LNP by 4th quarter 2016.

7. R-COLA Milestones

Safety Review

- 8/29/08 RAIs for all Safety Evaluation Report (SER) chapters other than Chapter 2
- 12/18/08 Chapter 2 RAIs
- 4/24/09 Chapter 2 SER with Open Items
- September 2009 ACRS review of SER with Open Items (other than Chapter 2)
- January 2010 ACRS review of Chapter 2 SER with Open Items
- 8/31/10 Advanced SER with no Open Items
- December 2010 ACRS review of Advanced SER with no Open Items
- 2/17/11 Final Safety Evaluation Report (FSER) issued

Environmental Review

- 8/19/08 Scoping Complete
- 3/6/09 Draft Environmental Impact Statement (DEIS)
- 8/10/09 DEIS Comment Period Ends
- 1/28/10 Final Environmental Impact Statement (FEIS) Issued

8. AP1000 DCD Rev 16 Milestones

- 9/22/08 Preliminary Safety Evaluation Report (PSER) and RAIs complete
- 1/8/09 Safety Evaluation Report (SER) with Open Items for all chapters except 6, 15, & 16
- 4/27/09 SER with Open Items for Chapters 6, 15 & 16
- 4/30/09 ACRS Review of SER with Open Items for all Chapters except 6, 15 & 16

Performance Report April 2008

- 7//28/09 ACRS Review of SER with Open Items for Chapters 6, 15 & 16
- 10/16/09 Advanced SER with No Open Items
- 1/29/10 ACRS Review of Advanced SER with No Open Items
- 3/5/10 Final SER with No Open Items
- 2/21/11 Rulemaking

9. NuStart Development LLC Update

The AP1000 R-COLA (Bellefonte) was docketed by the NRC in January. The NRC docketed the Duke Power, Lee COLA on 2/29/08. The decision was made by NuStart to accept Dominion's North Anna Station as the reference ESBWR COL, and as a result decided to delay the submittal of NuStart's ESBWR COLA for Grand Gulf to February 2008. The Entergy, Grand Gulf COLA was submitted on 2/27/08.

10. APOG LLC Update

The APOG LLC (which stands for Advanced Passive 1000 Owners Group) was officially formed in August 2007, with initial members consisting of Progress Energy, SCANA, Duke Energy, and Southern. The first kick-off meeting was held in September 2007. No recent meetings or activities have been held.

11. Public and Media Interaction

No public meetings are currently scheduled; however, we expect the following:

- 6/5/08 NRC Public Outreach meeting for Levy COLA, Plantation Inn, Crystal River
- 6/10/08 NRC Environmental Scoping meeting for Harris COLA, Holly Springs Cultural Center