Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola FL 32520-0770
Telephone 904 444-6365

Jack L. Haskins
Manager of Rates and Regulatory Matters
and Assistant Secretary

the southern electric system

ORIGINAL
FILE COPY

November 16, 1995

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

Dear Ms. Bayo:

ACK
AFA
APP
CAF
CMU
CTR
EAG
LEG 1
MAS
OPC
RCH
SEC 1
WAS
OTH

RE: Docket No. 950001-EI

Enclosed for official filing in the above docket are an original and fifteen (15) copies of the following:

1. Prepared direct testimony and exhibit of S. D. Cranmer. 11500-95
2. Prepared direct testimony and exhibit of M. L. Gilchrist. 11501-95
3. Prepared direct testimony and exhibit of G. D. Fontaine. 11502-95
4. Prepared direct testimony of M. W. Howell. (picked up by Gary Livingston, per instructions of Jack Haskins)

Sincerely,

J. L. Haskins

lw

Enclosures

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor) Docket No. 950001-EI

Certificate of Service

I HEREBY CERTIFY that a true copy of the foregoing was furnished by hand delivery or the U. S. Mail this 16th day of November 1995 on the following:

Vicki D. Johnson, Esquire
FL Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0863

Jack Shreve, Esquire
Office of Public Counsel
111 W. Madison St., Suite 812
Tallahassee FL 32399-1400

James McGee, Esquire
Florida Power Corporation
P. O. Box 14042
St. Petersburg FL 33733-4042

Matthew M. Childs, Esquire
Steel, Hector & Davis
215 South Monroe, Suite 601
Tallahassee FL 32301-1804

Suzanne Brownless, Esquire
1311-B Paul Russell Road
Suite 202
Tallahassee FL 32301

Joseph A. McGlothlin, Esq.
McWhirter, Reeves, McGlothlin, Davidson, Rief & Bakas, P.A.
117 S. Gadsden Street
Tallahassee FL 32301

Lee L. Willis, Esquire
James D. Beasley, Esquire
Macfarlane Ausley Ferguson & McMullen
P. O. Box 391
Tallahassee FL 32302

Floyd R. Self, Esquire
Messer, Vickers, Caparello, French and Madison
P. O. Box 1876
Tallahassee FL 32302-1876

Richard J. Salem, Esquire
Salem, Saxon & Nielsen, P.A.
101 E. Kennedy Blvd.
Suite 3200, One Barnett Plaza
P. O. Box 3399
Tampa FL 33601

John W. McWhirter, Jr., Esq.
McWhirter, Reeves, McGlothlin, Davidson, Rief & Bakas, P.A.
P. O. Box 3350
Tampa FL 33601-3350

Russell A. Badders

JEFFREY A. STONE
Florida Bar No. 325953
RUSSELL A. BADDERS
Florida Bar No. 0007455
BEGGS & LANE
P. O. Box 12950
Pensacola FL 32576
(904) 432-2451
Attorneys for Gulf Power Company

GULF POWER COMPANY
TESTIMONY AND EXHIBITS OF
G. D. FONTAINE

GENERATING PERFORMANCE INCENTIVE FACTOR

RESULTS FOR

APRIL 1995 - SEPTEMBER 1995

Before

THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 950001-EI

GULF POWER COMPANY
Before the Florida Public Service Commission
Direct Testimony of
G. D. Fontaine
Docket No. 950001-EI
Date of Filing November 17, 1995

Q. Please state your name, address and occupation.

A. My name is George D. Fontaine, my business address is Post Office Box 1151, Pensacola, Florida 32520, and my position is Performance Test Specialist for Gulf Power Company.

Q. Please describe your educational and business background.

A. I received my Bachelor of Mechanical Engineering Degree from Auburn University in 1980. Following graduation, I joined Gulf Power Company as an Associate Engineer at the Scholz Electric Generating Plant, and as I previously stated, my current position is Performance Test Specialist. I am also a registered Professional Engineer in the State of Florida.

Q. Mr. Fontaine, have you previously testified in this Docket?

A. Yes, sir.

Q. Mr. Fontaine, what is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to present GPIF results for Gulf Power Company for the period of April 1, 1995, through September 30, 1995.

Q. Mr. Fontaine, have you prepared an exhibit that contains information to which you will refer in your testimony?

A. Yes, Sir, I have prepared an exhibit consisting of five schedules.

Q. Mr. Fontaine, was this exhibit prepared by you or under your direction and supervision?

A. Yes, it was.

Counsel: We ask that Mr. Fontaine's exhibit be marked for identification as exhibit _____(GDF-1).

Q. Mr. Fontaine, before reviewing the GPIF Results for Gulf's units, is there any information which has been supplied to the Commission pertaining to this GPIF period which requires amendment?

A. Yes, some corrections need to be made to the actual unit performance data which was submitted monthly to

the Commission during this period. These corrections are based on discoveries made during our final review to determine the accuracy of this information prior to this proceeding. The Actual Unit Performance Data tables on pages 14 to 19 of Schedule 5 incorporate these changes. The data contained on these tables is the data upon which the GPIF calculation was made.

Q. Mr. Fontaine, would you now review the Company's equivalent availability results for the period?

A. Actual equivalent availability and adjusted actual equivalent availability figures for each of the Company's GPIF units are shown on page 13 of Schedule 5. Pages 3 through 8 of Schedule 2 contain the calculations for the adjusted actual equivalent availabilities.

A calculation of GPIF availability points based on these availabilities and the targets established by Commission Order PSC-95-0450-FOF-EI is on page 9 of Schedule 2. The results are: Crist 6, +10.00 points; Crist 7, +10.00 points; Smith 1, +10.00 points; Smith 2, +10.00 points; Daniel 1, -10.00 points, and Daniel 2, -10.00 points.

Q. Mr. Fontaine, what were the heat rate results for the period?

A. The detailed calculation of the actual average net operating heat rates for the Company's GPIF units is on pages 2 through 7 of Schedule 3. These heat rate figures have not at this point been adjusted in accordance with GPIF procedures for load and other factors to the bases of their targets.

As was done for the prior GPIF periods, and as indicated on pages 8 through 13 of Schedule 3, the target setting equations were used to adjust actual results to the target bases. These equations, submitted in January 1995, are shown on page 15 of Schedule 3.

As calculated on page 16 of Schedule 3, the adjusted actual average net operating heat rates correspond to GPIF unit heat rate points of: -6.95 for Crist 6, -6.08 for Crist 7; -0.17 for Smith 1, -1.80 for Smith 2; -10.00 for Daniel 1; and -6.89 for Daniel 2.

Q. Mr. Fontaine, what number of Company points were achieved during the period, and what reward or penalty is indicated by these points according to the GPIF procedure?

A. Using the unit equivalent availability and heat rate

points previously mentioned, along with the appropriate weighting factors, the Company points would be -5.68 as indicated on page 2 of Schedule 4. This calculated to a penalty in the amount of $483,077.

Q. Mr. Fontaine, would you please summarize your testimony?

A. Yes, Sir. In view of the adjusted actual equivalent availabilities, as shown on page 9 of Schedule 2, and the adjusted actual average net operating heat rates achieved, as shown on page 16 of Schedule 3, evidencing the Company's performance for the period, Gulf calculates a penalty in the amount of $483,077 as provided for by the GPIF plan.

Q. Mr. Fontaine, does this conclude your testimony?

A. Yes, Sir.

Florida Public Service Commission
Docket No. 950001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-1)

EXHIBIT TO THE TESTIMONY OF

G. D. FONTAINE

IN FPSC DOCKET 950001-EI

I. CORRECTIONS TO REPORTED OUTAGES FOR THE APRIL 1995 - SEPTEMBER 1995 PERIOD

Additions and Corrections to Outages Previously Reported
for the April 1995 - September 1995 Period

Date	Unit	Change	Outage Type	Hours	MW	Description
05/95	Crist 7	MOH	FMO	160.7	504.0	Incorrectly Reported
06/95	Smith 1	MOH	FMO	56.7	161.0	Incorrectly Reported

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for April 1995 - September 1995

Unit	Note	Forecast Planned Outage Schedule	Forecast Hours*	Actual Planned Outage Schedule	Actual Hours*
Crist 6	1	05/13/95 - 05/28/95	384.0	None	0.0
Crist 6	2	09/23/95 - 10/01/95	192.0	09/20/95 - 10/16/95	247.0
Crist 7	3	04/15/95 - 04/30/95	384.0	None	0.0
Smith 1	4	04/15/95 - 04/30/95	384.0	04/14/95 - 04/29/95	359.7
Smith 1	5	09/23/95 - 10/01/95	192.0	None	0.0
Smith 2	6	03/25/95 - 04/09/95	215.0	03/24/95 - 04/09/95	194.8
Smith 2	7	None	0.0	09/22/95 - 10/01/95	192.6
Daniel 1	8	09/23/95 - 12/17/95	192.0	09/21/95 - Present	216.7
Daniel 2	9	None	0.0	09/29/95 - 10/12/95	48.0

* Planned outage hours in the April 1995 - September 1995 period only.

Notes:

1. This outage was canceled because necessary work was completed during reserve shutdowns or deferred to the fall outage.
2. This outage proceeded as scheduled and was extended to perform work deferred from the planned spring outage.
3. This outage was canceled because necessary work was completed during reserve shutdowns.
4. This outage proceeded as scheduled.
5. This outage was swapped with Smith Unit 2 because mill parts for Smith Unit 1 were not available.
6. This outage proceeded as scheduled.
7. This outage was brought forward and swapped with Smith Unit 1.
8. This outage proceeded as scheduled.
9. This outage was necessary to perform maintenance on the stack liner.

Calculation of Actual Equivalent Availability
for April 1995 - September 1995
Based on Target Planned Outage Hours
Crist 6

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	39.2	0.0	0.0	0.0	0.0	0.0	39.2
EFOH	0.0	0.0	2.5	8.7	4.1	55.0	70.3
MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	0.0	0.0	0.0	0.0	0.0	247.0	247.0
RSH	205.7	12.8	156.5	60.0	0.0	149.8	584.8

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(39.2 + 70.3 + 0.0 + 0.0)}{(4391.0 - 247.0 - 584.8)}$$

EUOR = 0.0308

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 576.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(576.0 + 0.0308\ (4391.0 - 576.0 - 0.0))}{4391.0} \right] \times 100 = 84.2\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for April 1995 - September 1995
Based on Target Planned Outage Hours
Crist 7

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	0.0	0.0	0.0	73.0	23.8	96.8
EFOH	0.8	6.1	8.7	0.5	72.0	1.6	89.7
MOH	0.0	160.7	0.0	0.0	0.0	0.0	160.7
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	0.0	0.0	52.0	123.7	0.0	0.0	175.7

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(96.8 + 89.7 + 160.7 + 0.0)}{(4391.0 - 0.0 - 175.7)}$$

EUOR = 0.0824

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 384.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(384.0 + 0.0824\ (4391.0 - 384.0 - 0.0))}{4391.0} \right] \times 100 = 83.7\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for April 1995 - September 1995
Based on Target Planned Outage Hours
Smith 1

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EFOH	0.1	0.1	0.0	0.0	1.2	1.3	2.7
MOH	0.0	0.0	56.7	0.0	0.0	0.0	56.7
EMOH	0.0	0.0	0.0	1.0	1.8	0.0	2.8
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	359.7	0.0	0.0	0.0	0.0	0.0	359.7
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(0.0 + 2.7 + 56.7 + 2.8)}{(4391.0 - 359.7 - 0.0)}$$

EUOR = 0.0154

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 576.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(576.0 + 0.0154\ (4391.0 - 576.0 - 0.0))}{4391.0} \right] \times 100 = 85.5\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for April 1995 - September 1995
Based on Target Planned Outage Hours
Smith 2

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	0.0	0.0	0.0	87.9	30.1	118.0
EFOH	1.9	0.0	0.7	0.2	7.6	0.0	10.4
MOH	0.0	0.0	0.0	55.0	0.0	0.0	55.0
EMOH	0.0	4.4	0.0	0.0	0.0	0.0	4.4
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	194.8	0.0	0.0	0.0	0.0	192.6	387.4
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(118.0 + 10.4 + 55.0 + 4.4)}{(4391.0 - 387.4 - 0.0)}$$

EUOR = 0.0469

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 215.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(215.0 + 0.0469\ (4391.0 - 215.0 - 0.0))}{4391.0} \right] \times 100 = 90.6\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for April 1995 - September 1995
Based on Target Planned Outage Hours
Daniel 1

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	44.2	0.0	0.0	0.0	26.4	63.2	133.8
EFOH	7.4	51.5	8.0	3.5	4.7	8.1	83.2
MOH	0.0	152.0	0.0	0.0	62.8	0.0	214.8
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	0.0	0.0	0.0	0.0	0.0	216.7	216.7
RSH	0.0	0.0	87.7	63.4	0.0	0.0	151.1

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(133.8 + 83.2 + 214.8 + 0.0)}{(4391.0 - 216.7 - 151.1)}$$

EUOR = 0.1073

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 192.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(192.0 + 0.1073\ (4391.0 - 192.0 - 0.0))}{4391.0} \right] \times 100 = 85.4\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for April 1995 - September 1995
Based on Target Planned Outage Hours
Daniel 2

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	54.4	0.0	0.0	0.0	15.3	69.7
EFOH	17.7	44.2	12.1	0.0	24.6	8.4	107.0
MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	0.0	0.0	0.0	0.0	0.0	48.0	48.0
RSH	0.0	0.0	154.2	63.1	0.0	0.0	217.3

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(69.7 + 107.0 + 0.0 + 0.0)}{(4391.0 - 48.0 - 217.3)}$$

EUOR = 0.0428

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 0.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(0.0 + 0.0428\ (4391.0 - 0.0 - 0.0))}{4391.0} \right] \times 100 = 95.7\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Equivalent Availability Points for April 1995 - September 1995

(1) Unit	(2) Equivalent Availability Target*	(3) Actual Equivalent Availability Adjusted to Target Planned Outage Basis**	(4) Minimum or Maximum Attainable Equivalent Availability*	(5) Availability Points***
Crist 6	76.6	84.2	79.7	10.00
Crist 7	76.4	83.7	80.9	10.00
Smith 1	81.4	85.5	83.1	10.00
Smith 2	87.7	90.6	90.0	10.00
Daniel 1	90.5	85.4	88.2	-10.00
Daniel 2	97.5	95.7	96.4	-10.00

* As appropriate from page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 17, 1995 GPIF testimony in Docket 950001-EI.

** Refer to pages 3 through 8 of this schedule for calculations.

*** If (3) > (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times 10$$

If (3) < (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times -10$$

Summary of Equivalent Availability Symbols

EA - Equivalent Availability
POH - Planned Outage Hours
EUOR - Equivalent Unplanned Outage Rate
PH - Period Hours
FOH - Forced Outage Hours
EFOH - Equivalent Forced Outage Hours
MOH - Maintenance Outage Hours
EMOH - Equivalent Maintenance Outage Hours
RSH - Reserve Shutdown Hours

III. CALCULATION OF GPIF UNIT HEAT RATE POINTS

Calculation of Average Net Operating Heat Rate Points
for April 1995 - September 1995

Crist 6

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	67937.9	105319.2	92541.6	108339.8	135744.6	46399.1	556282.2
BTU/Lb*	12245.7	12391.7	12206.0	12494.1	12162.1	12205.6	12291.4
Coal, MMBTU	831947.1	1305083.9	1129562.8	1353608.3	1650939.4	566328.9	6837470.4
Oil, MMBTU	1223.3	1169.3	519.2	609.2	700.1	361.8	4582.9
Gas, MMBTU	0.0	2393.0	3081.0	1636.0	0.0	6698.0	13808.0
Startup, MMBTU **	-4040.0	-4040.0	-8080.0	-4040.0	0.0	-8080.0	-28280.0
Total Fuel Consumption, MMBTU	829130.4	1304606.2	1125083.0	1351813.5	1651639.5	565308.7	6827581.3
Net MWH Generation***	74579	116080	103307	122712	148628	47922	613228
Average Net Operating Heat Rate	11117	11239	10891	11016	11113	11796	11134

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for April 1995 - September 1995

Crist 7

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	153349.3	157980.8	192108.4	188232.2	198087.9	185881.3	1075639.9
BTU/Lb*	12227.2	12237.1	12199.2	12302.0	12140.4	12164.9	12210.0
Coal, MMBTU	1875032.6	1933226.8	2343568.8	2315632.5	2404866.3	2261227.4	13133554.4
Oil, MMBTU	3271.5	1822.2	2350.0	1168.3	1812.4	1901.4	12325.8
Gas, MMBTU	0.0	3170.0	6227.0	2580.0	1527.0	0.0	13504.0
Startup, MMBTU **	0.0	-2256.0	-2256.0	-2256.0	-2256.0	0.0	-9024.0
Total Fuel Consumption, MMBTU	1878304.1	1935963.0	2349889.8	2317124.8	2405949.7	2263128.8	13150360.2
Net MWH Generation***	171022	178594	220591	213830	222287	211094	1217418
Average Net Operating Heat Rate	10983	10840	10653	10836	10824	10721	10802

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for April 1995 - September 1995

Smith 1

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	48901.2	99903.8	91312.6	97357.7	99158.2	91432.4	528065.9
BTU/Lb*	11535.9	11590.1	11637.7	11755.5	11728.8	11810.4	11688.0
Coal, MMBTU	564119.4	1157895.0	1062668.6	1144488.4	1163006.7	1079853.2	6172031.3
Oil, MMBTU	2489.2	152.3	1206.9	228.9	237.9	246.3	4561.5
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-964.0	0.0	-964.0	0.0	0.0	0.0	-1928.0
Total Fuel Consumption, MMBTU	565644.6	1158047.3	1062911.5	1144717.3	1163244.6	1080099.5	6174664.8
Net MWH Generation***	54324	114734	104771	111257	113981	106021	605088
Average Net Operating Heat Rate	10412	10093	10145	10289	10206	10188	10205

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for April 1995 - September 1995

Smith 2

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	79773.0	113119.1	119051.1	106338.6	99870.1	70682.5	588834.4
BTU/Lb*	11481.7	11592.8	11662.2	11697.7	11754.8	11792.1	11662.1
Coal, MMBTU	915929.7	1311367.1	1388397.7	1243917.0	1173953.1	833495.1	6867059.7
Oil, MMBTU	2376.0	228.6	157.5	1034.8	2953.0	1182.6	7932.5
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-1190.0	0.0	0.0	-1190.0	-2380.0	-1190.0	-5950.0
Total Fuel Consumption, MMBTU	917115.7	1311595.7	1388555.2	1243761.8	1174526.1	833487.7	6869042.2
Net MWH Generation***	88275	126903	134492	118818	112952	81634	663074
Average Net Operating Heat Rate	10389	10335	10324	10468	10398	10210	10359

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for April 1995 - September 1995

Daniel 1

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	270988.6	163891.3	163533.4	213333.6	212145.5	116483.3	1140375.7
BTU/Lb*	9472.9	10424.8	10689.7	10864.4	11006.1	11128.9	10498.9
Coal, MMBTU	2567047.9	1708534.0	1748123.0	2317741.6	2334894.6	1296331.0	11972672.1
Oil, MMBTU	4178.8	3016.7	858.9	5630.0	4203.6	3075.0	20963.0
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-2388.7	-2388.7	-2388.7	-2388.7	-4777.4	-2388.7	-16720.9
Total Fuel Consumption, MMBTU	2568838.0	1709162.0	1746593.2	2320982.9	2334320.8	1297017.3	11976914.2
Net MWH Generation***	242285	159496	161194	219593	223044	122244	1127856
Average Net Operating Heat Rate	10603	10716	10835	10569	10466	10610	10619

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points for April 1995 - September 1995

Daniel 2

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	285386.1	212681.1	156834.9	210462.5	234805.6	165809.2	1265979.4
BTU/Lb*	9484.0	10508.0	10685.4	10857.9	10978.7	11109.7	10523.4
Coal, MMBTU	2706601.8	2234853.0	1675843.6	2285180.8	2577860.2	1842090.5	13322429.9
Oil, MMBTU	3.0	2769.1	1517.7	5808.4	1083.3	723.2	11904.7
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-2388.7	-4777.4	-2388.7	0.0	0.0	-9554.8
Total Fuel Consumption, MMBTU	2706604.8	2235233.4	1672583.9	2288600.5	2578943.5	1842813.7	13324779.8
Net MWH Generation***	264508	214541	159395	222299	249408	175135	1285286
Average Net Operating Heat Rate	10233	10419	10493	10295	10340	10522	10367

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

**Calculation of Average Net Operating Heat Rate
for April 1995 - September 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed January 17, 1995**

Crist 6

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	10797	11072	11049	10715	10613	10807	
2.	Target Heat Rate at Actual Conditions**	10960	10949	10918	11004	10716	11123	
3.	Adjustment to Actual Heat Rate (1-2)	-163	123	131	-289	-103	-316	
4.	Actual Heat Rate (Page 2 of Sched. 3)	11117	11239	10891	11016	11113	11796	
5.	Adjusted Actual Heat Rate (4+3)	10954	11362	11022	10727	11010	11480	
6.	Net MWH Generation	74579	116080	103307	122712	148628	47922	
7.	Adjusted Actual Heat Rate for April 1995 - September 1995 $=(\Sigma(5*6)/\Sigma 6)$							11052

* From page 18, schedule 3 of Exhibit to G. D. Fontaine's January 17, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

**Calculation of Average Net Operating Heat Rate
for April 1995 - September 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed January 17, 1995**

Crist 7

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	10704	11063	10686	10518	10560	10650	
2.	Target Heat Rate at Actual Conditions**	11020	10529	10409	10528	10609	10512	
3.	Adjustment to Actual Heat Rate (1-2)	-316	534	277	-10	-49	138	
4.	Actual Heat Rate (Page 3 of Sched. 3)	10983	10840	10653	10836	10824	10721	
5.	Adjusted Actual Heat Rate (4+3)	10667	11374	10930	10826	10775	10859	
6.	Net MWH Generation	171022	178594	220591	213830	222287	211094	
7.	Adjusted Actual Heat Rate for April 1995 - September 1995 $=(\Sigma(5*6)/\Sigma 6)$							10899

* From page 19, schedule 3 of Exhibit to G. D. Fontaine's January 17, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

**Calculation of Average Net Operating Heat Rate
for April 1995 - September 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed January 17, 1995**

Smith 1

	Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1. Target Heat Rate*	10186	10213	10127	10124	10111	10155	
2. Target Heat Rate at Actual Conditions**	10133	10119	10101	10142	10123	10153	
3. Adjustment to Actual Heat Rate (1-2)	53	94	26	-18	-12	2	
4. Actual Heat Rate (Page 4 of Sched. 3)	10412	10093	10145	10289	10206	10188	
5. Adjusted Actual Heat Rate (4+3)	10465	10187	10171	10271	10194	10190	
6. Net MWH Generation	54324	114734	104771	111257	113981	106021	

10226

7. Adjusted Actual Heat Rate for April 1995 - September 1995
$=(\Sigma(5*6)/\Sigma 6)$

* From page 20, schedule 3 of Exhibit to G. D. Fontaine's January 17, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for April 1995 - September 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed January 17, 1995

Smith 2

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	10437	10269	10406	10186	10173	10217	
2.	Target Heat Rate at Actual Conditions**	10375	10199	10349	10193	10194	10222	
3.	Adjustment to Actual Heat Rate (1-2)	62	70	57	-7	-21	-5	
4.	Actual Heat Rate (Page 5 of Sched. 3)	10389	10335	10324	10468	10398	10210	
5.	Adjusted Actual Heat Rate (4+3)	10451	10405	10381	10461	10377	10205	
6.	Net MWH Generation	88275	126903	134492	118818	112952	81634	
7.	Adjusted Actual Heat Rate for April 1995 - September 1995 $=(\Sigma(5*6)/\Sigma 6)$							10387

* From page 21, schedule 3 of Exhibit to G. D. Fontaine's January 17, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for April 1995 - September 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed January 17, 1995

Daniel 1

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	10206	10601	10333	10203	10216	10333	
2.	Target Heat Rate at Actual Conditions**	10163	10425	10485	10252	10205	10393	
3.	Adjustment to Actual Heat Rate (1-2)	43	176	-152	-49	11	-60	
4.	Actual Heat Rate (Page 6 of Sched. 3)	10603	10716	10835	10569	10466	10610	
5.	Adjusted Actual Heat Rate (4+3)	10646	10892	10683	10520	10477	10550	
6.	Net MWH Generation	242285	159496	161194	219593	223044	122244	
7.	Adjusted Actual Heat Rate for April 1995 - September 1995 $=(\Sigma(5*6)/\Sigma 6)$							10618

* From page 22, schedule 3 of Exhibit to G. D. Fontaine's January 17, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for April 1995 - September 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed January 17, 1995

Daniel 2

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	10003	10155	10134	10041	10055	10302	
2.	Target Heat Rate at Actual Conditions**	10004	9975	10252	10107	10083	10495	
3.	Adjustment to Actual Heat Rate (1-2)	-1	180	-118	-66	-28	-193	
4.	Actual Heat Rate (Page 7 of Sched. 3)	10233	10419	10493	10295	10340	10522	
5.	Adjusted Actual Heat Rate (4+3)	10232	10599	10375	10229	10312	10329	
6.	Net MWH Generation	264508	214541	159395	222299	249408	175135	
7.	Adjusted Actual Heat Rate for April 1995 - September 1995 $=(\Sigma(5*6)/\Sigma 6)$							10339

* From page 23, schedule 3 of Exhibit to G. D. Fontaine's January 17, 1995 GPIF testimony in Docket 950001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Actual Values of
Target Heat Rate Equation Parameters
for April 1995 - September 1995

	Apr	May	Jun	Jul	Aug	Sep
Crist 6						
$AKW * 10^{+3}$	157.3	158.8	183.3	179.4	199.8	148.3
$LSRF * 10^{+6}$	29824.4	30188.7	39871.3	38001.0	46281.6	24864.3
Crist 7						
$AKW * 10^{+3}$	237.9	306.2	330.2	344.7	331.3	303.2
$LSRF * 10^{+6}$	65227.2	108967.0	124610.3	135233.7	124354.3	104787.8
Smith 1						
$AKW * 10^{+3}$	151.2	154.2	158.0	149.5	153.2	147.3
$LSRF * 10^{+6}$	23202.2	24027.1	25074.8	22746.7	23653.5	22312.1
Smith 2						
$AKW * 10^{+3}$	168.4	170.6	186.8	172.4	172.2	164.2
$LSRF * 10^{+6}$	29524.0	30244.1	34992.3	30722.1	30478.5	28581.0
Daniel 1						
$AKW * 10^{+3}$	359.0	269.4	254.9	322.6	340.6	277.8
$LSRF * 10^{+6}$	139270.5	87935.2	81599.5	125467.9	144616.9	95387.2
Daniel 2						
$AKW * 10^{+3}$	367.9	311.1	281.7	326.5	335.2	266.7
$LSRF * 10^{+6}$	142254.2	114656.8	98323.3	132317.8	137258.6	89324.8

Target Heat Rate Equations

Crist 6 ANOHR = 10^6 / AKW * [146.52 + 40.84 * JAN + 41.36 * JUN + 47.91 * JUL + 31.63 * AUG - 33.35 * OCT]

+ 10,948 - 0.00485 * LSRF / AKW

Crist 7 ANOHR = 10^6 / AKW * [916.48 + 42.72 * JAN + 58.10 * JUL + 72.40 * AUG + 65.36 * NOV]

+ 5,931 + 0.00451 * LSRF / AKW

Smith 1 ANOHR = 10^6 / AKW * [113.43 + 11.45 * JAN + 16.51 * FEB + 20.38 * MAR]

+ 9,383

Smith 2 ANOHR = 10^6 / AKW * [98.48 + 20.28 * MAR + 28.32 * APR + 37.25 * JUN + 19.27 * NOV]

+ 9,622

Daniel 1 ANOHR = 10^6 / AKW * [283.49 - 52.71 * JAN + 158.68 * MAR]

+ 9,373

Daniel 2 ANOHR = 10^6 / AKW * [297.36 - 55.04 * MAY + 49.04 * SEP]

+ 9,196

Where:

ANOHR	Average Net Operating Heat Rate, BTU/KWH
AKW	Average Kilowatt Load, KW
LSRF	Load Square Range Factor, KW^2
JAN	January, 0 if not January, 1 if January
FEB	February, 0 if not February, 1 if February
MAR	March, 0 if not March, 1 if March
APR	April, 0 if not April, 1 if April
MAY	May, 0 if not May, 1 if May
JUN	June, 0 if not June, 1 if June
JUL	July, 0 if not July, 1 if July
AUG	August, 0 if not August, 1 if August
SEP	September, 0 if not September, 1 if September
OCT	October, 0 if not October, 1 if October
NOV	November, 0 if not November, 1 if November

Calculation of Heat Rate Points
for April 1995 - September 1995

(1)	(2)	(3)	(4)	(5)
Unit	Actual Average Average Net Operating Heat Rate Target*	Net Operating Heat Rate Adjusted to Target Basis**	Minimum Attainable Heat Rate*	Heat Rate Points***
Crist 6	10804	11052	10480	-6.95
Crist 7	10675	10899	10355	-6.08
Smith 1	10147	10226	9843	-0.17
Smith 2	10270	10387	9962	-1.80
Daniel 1	10291	10618	9982	-10.00
Daniel 2	10107	10339	9804	-6.89

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 17, 1995 GPIF testimony in Docket 950001-EI.

** Refer to pages 8 through 13 of this schedule for calculation.

*** If [(2) - 75] <= (3) <= [(2) + 75] then points = 0

$$\text{If } [(2) - (3) - 75] > 0 \text{ then points} = \frac{(2) - (3) - 75}{(2) - (4) - 75} * 10$$

$$\text{If } [(2) - (3) + 75] < 0 \text{ then points} = \frac{(2) - (3) + 75}{(2) - (4) - 75} * 10$$

IV. CALCULATION OF COMPANY GPIF POINTS AND REWARD/PENALTY

Calculation of Heat Rate Points

GPIF Points and Reward or Penalty

for April 1995 - September 1995

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Crist 6	10.00	0.010	-6.95	0.110
Crist 7	10.00	0.017	-6.08	0.174
Smith 1	10.00	0.008	-0.17	0.085
Smith 2	10.00	0.010	-1.80	0.104
Daniel 1	-10.00	0.025	-10.00	0.202
Daniel 2	-10.00	0.027	-6.89	0.228

Company GPIF Points = + 10.00 * 0.010 - 6.95 * 0.110
+ 10.00 * 0.017 - 6.08 * 0.174
+ 10.00 * 0.008 - 0.17 * 0.085
+ 10.00 * 0.010 - 1.80 * 0.104
- 10.00 * 0.025 - 10.00 * 0.202
- 10.00 * 0.027 - 6.89 * 0.228
-5.68

Company reward/penalty = -5.68 points * $85049 per point
= ($483,077)

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 17, 1995 GPIF testimony in Docket 950001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE APRIL 1995 - SEPTEMBER 1995 PERIOD

CONTENTS

Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: April 1995 - September 1995

Generating Performance Incentive Factor Points	Fuel Saving/Loss ($000)	Generating Performance Incentive Factor ($000)
	Maximum Attainable Fuel Savings	Maximum Incentive Dollars Allowed by Commission During Period (Reward)
+ 10	3551	850
+ 9	3196	765
+ 8	2841	680
+ 7	2486	595
+ 6	2131	510
+ 5	1776	425
+ 4	1420	340
+ 3	1065	255
+ 2	710	170
+ 1	355	85
0	0	0
- 1	-412	-85
- 2	-824	-170
- 3	-1237	-255
- 4	-1649	-340
- 5	-2061	-425
- 6	-2473	-510
- 7	-2885	-595
- 8	-3298	-680
- 9	-3710	-765
- 10	-4122	-850
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Issued by: T. J. Bowden

Filed: November 17, 1995
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Docket No.: 950001-EI
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Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: April 1995 - September 1995

Line 1	Beginning of Period Balance of Common Equity	$424,650,999
	End of Month Balance of Common Equity:	
Line 2	Month of Apr '95	$413,500,486
Line 3	Month of May '95	$420,364,214
Line 4	Month of Jun '95	$427,447,608
Line 5	Month of Jul '95	$434,837,383
Line 6	Month of Aug '95	$433,476,848
Line 7	Month of Sep '95	$442,693,026
Line 8	Average Common Equity for the Period (sum of line 1 through line 7 divided by 7)	$426,424,366
Line 9	25 Basis Points	0.0025
Line 10	Revenue Expansion Factor	60.4524%
Line 11	Maximum Allowed Incentive Dollars (line 8 multiplied by line 9 divided by line 10 multiplied by 0.5)	$881,736
Line 12	Jurisdictional Sales (KWH)	$4,801,877,279
Line 13	Total Territorial Sales (KWH)	$4,978,302,479
Line 14	Jurisdictional Separation Factor (line 12 divided by line 13)	96.4561%
Line 15	Maximum Allowed Jurisdictional Incentive Dollars (line 11 multiplied by line 14)	$850,488

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Calculation of System Actual GPIF Points

Gulf Power Company

Period of: April 1995 - September 1995

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Crist 6	EAF1	1.0%	10.00	0.100
Crist 6	ANOHR1	11.0%	-6.95	-0.765
Crist 7	EAF2	1.7%	10.00	0.170
Crist 7	ANOHR2	17.4%	-6.08	-1.058
Smith 1	EAF3	0.8%	10.00	0.080
Smith 1	ANOHR3	8.5%	-0.17	-0.014
Smith 2	EAF4	1.0%	10.00	0.100
Smith 2	ANOHR4	10.4%	-1.80	-0.187
Daniel 1	EAF5	2.5%	-10.00	-0.250
Daniel 1	ANOHR5	20.2%	-10.00	-2.020
Daniel 2	EAF6	2.7%	-10.00	-0.270
Daniel 2	ANOHR6	22.8%	-6.89	-1.571
Gulf Power GPIF Total		100.0%		-5.68

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1995 - September 1995

Crist 6

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	36	79.70	+ 10	390	10,480
+ 9	32	79.39	+ 9	351	10,505
+ 8	29	79.08	+ 8	312	10,530
+ 7	25	78.77	+ 7	273	10,555
+ 6	22	78.46	+ 6	234	10,580
+ 5	18	78.15	+ 5	195	10,605
+ 4	14	77.84	+ 4	156	10,629
+ 3	11	77.53	+ 3	117	10,654
+ 2	7	77.22	+ 2	78	10,679
+ 1	4	76.91	+ 1	39	10,704
				0	10,729
0	0	76.60	0	0	10,804
				0	10,879
- 1	(4)	76.14	- 1	(39)	10,904
- 2	(9)	75.68	- 2	(78)	10,929
- 3	(13)	75.22	- 3	(117)	10,954
- 4	(18)	74.76	- 4	(156)	10,979
- 5	(22)	74.30	- 5	(195)	11,004
- 6	(26)	73.84	- 6	(234)	11,028
- 7	(31)	73.38	- 7	(273)	11,053
- 8	(35)	72.92	- 8	(312)	11,078
- 9	(40)	72.46	- 9	(351)	11,103
- 10	(44)	72.00	- 10	(390)	11,128
Weighting Factor:		0.010	Weighting Factor:		0.110

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1995 - September 1995

Crist 7

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	60	80.90	+ 10	619	10,355
+ 9	54	80.45	+ 9	557	10,380
+ 8	48	80.00	+ 8	495	10,404
+ 7	42	79.55	+ 7	433	10,429
+ 6	36	79.10	+ 6	371	10,453
+ 5	30	78.65	+ 5	310	10,478
+ 4	24	78.20	+ 4	248	10,502
+ 3	18	77.75	+ 3	186	10,527
+ 2	12	77.30	+ 2	124	10,551
+ 1	6	76.85	+ 1	62	10,576
				0	10,600
0	0	76.40	0	0	10,675
				0	10,750
- 1	(9)	75.73	- 1	(62)	10,775
- 2	(19)	75.06	- 2	(124)	10,799
- 3	(28)	74.39	- 3	(186)	10,824
- 4	(37)	73.72	- 4	(248)	10,848
- 5	(47)	73.05	- 5	(310)	10,873
- 6	(56)	72.38	- 6	(371)	10,897
- 7	(65)	71.71	- 7	(433)	10,922
- 8	(74)	71.04	- 8	(495)	10,946
- 9	(84)	70.37	- 9	(557)	10,971
- 10	(93)	69.70	- 10	(619)	10,995
Weighting Factor:		0.017	Weighting Factor:		0.174

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1995 - September 1995

Smith 1

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	30	83.10	+ 10	301	9,843
+ 9	27	82.93	+ 9	271	9,866
+ 8	24	82.76	+ 8	241	9,889
+ 7	21	82.59	+ 7	211	9,912
+ 6	18	82.42	+ 6	181	9,935
+ 5	15	82.25	+ 5	151	9,958
+ 4	12	82.08	+ 4	120	9,980
+ 3	9	81.91	+ 3	90	10,003
+ 2	6	81.74	+ 2	60	10,026
+ 1	3	81.57	+ 1	30	10,049
				0	10,072
0	0	81.40	0	0	10,147
				0	10,222
- 1	(4)	81.15	- 1	(30)	10,245
- 2	(7)	80.90	- 2	(60)	10,268
- 3	(11)	80.65	- 3	(90)	10,291
- 4	(14)	80.40	- 4	(120)	10,314
- 5	(18)	80.15	- 5	(151)	10,337
- 6	(22)	79.90	- 6	(181)	10,359
- 7	(25)	79.65	- 7	(211)	10,382
- 8	(29)	79.40	- 8	(241)	10,405
- 9	(32)	79.15	- 9	(271)	10,428
- 10	(36)	78.90	- 10	(301)	10,451
Weighting Factor:		0.008	Weighting Factor:		0.085

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Docket No.: 950001-EI
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Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1995 - September 1995

Smith 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	36	90.00	+ 10	369	9,962
+ 9	32	89.77	+ 9	332	9,985
+ 8	29	89.54	+ 8	295	10,009
+ 7	25	89.31	+ 7	258	10,032
+ 6	22	89.08	+ 6	221	10,055
+ 5	18	88.85	+ 5	185	10,079
+ 4	14	88.62	+ 4	148	10,102
+ 3	11	88.39	+ 3	111	10,125
+ 2	7	88.16	+ 2	74	10,148
+ 1	4	87.93	+ 1	37	10,172
				0	10,195
0	0	87.70	0	0	10,270
				0	10,345
- 1	(7)	87.37	- 1	(37)	10,368
- 2	(14)	87.04	- 2	(74)	10,392
- 3	(21)	86.71	- 3	(111)	10,415
- 4	(28)	86.38	- 4	(148)	10,438
- 5	(36)	86.05	- 5	(185)	10,462
- 6	(43)	85.72	- 6	(221)	10,485
- 7	(50)	85.39	- 7	(258)	10,508
- 8	(57)	85.06	- 8	(295)	10,531
- 9	(64)	84.73	- 9	(332)	10,555
- 10	(71)	84.40	- 10	(369)	10,578
Weighting Factor:		0.010	Weighting Factor:		0.104

Issued by: T. J. Bowden

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1995 - September 1995

Daniel 1

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	88	92.10	+ 10	716	9,982
+ 9	79	91.94	+ 9	644	10,005
+ 8	70	91.78	+ 8	573	10,029
+ 7	62	91.62	+ 7	501	10,052
+ 6	53	91.46	+ 6	430	10,076
+ 5	44	91.30	+ 5	358	10,099
+ 4	35	91.14	+ 4	286	10,122
+ 3	26	90.98	+ 3	215	10,146
+ 2	18	90.82	+ 2	143	10,169
+ 1	9	90.66	+ 1	72	10,193
				0	10,216
0	0	90.50	0	0	10,291
				0	10,366
- 1	(15)	90.27	- 1	(72)	10,389
- 2	(30)	90.04	- 2	(143)	10,413
- 3	(46)	89.81	- 3	(215)	10,436
- 4	(61)	89.58	- 4	(286)	10,460
- 5	(76)	89.35	- 5	(358)	10,483
- 6	(91)	89.12	- 6	(430)	10,506
- 7	(106)	88.89	- 7	(501)	10,530
- 8	(122)	88.66	- 8	(573)	10,553
- 9	(137)	88.43	- 9	(644)	10,577
- 10	(152)	88.20	- 10	(716)	10,600
Weighting Factor:		0.025	Weighting Factor:		0.202

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1995 - September 1995

Daniel 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	97	98.30	+ 10	809	9,804
+ 9	87	98.22	+ 9	728	9,827
+ 8	78	98.14	+ 8	647	9,850
+ 7	68	98.06	+ 7	566	9,872
+ 6	58	97.98	+ 6	485	9,895
+ 5	49	97.90	+ 5	405	9,918
+ 4	39	97.82	+ 4	324	9,941
+ 3	29	97.74	+ 3	243	9,964
+ 2	19	97.66	+ 2	162	9,986
+ 1	10	97.58	+ 1	81	10,009
				0	10,032
0	0	97.50	0	0	10,107
				0	10,182
- 1	(52)	97.39	- 1	(81)	10,205
- 2	(104)	97.28	- 2	(162)	10,228
- 3	(157)	97.17	- 3	(243)	10,250
- 4	(209)	97.06	- 4	(324)	10,273
- 5	(261)	96.95	- 5	(405)	10,296
- 6	(313)	96.84	- 6	(485)	10,319
- 7	(365)	96.73	- 7	(566)	10,342
- 8	(418)	96.62	- 8	(647)	10,364
- 9	(470)	96.51	- 9	(728)	10,387
- 10	(522)	96.40	- 10	(809)	10,410
Weighting Factor:		0.027	Weighting Factor:		0.228

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GPIF Unit Performance Summary

Gulf Power Company

Period of: April 1995 - September 1995

Plant & Unit	Weighting Factor %	EAF Target %	EAF Range Max %	EAF Range Min %	Max Fuel Savings ($000)	Max Fuel Loss ($000)	EAF Adjusted Actual %	Actual Fuel Savings/ Loss ($000)
Crist 6	1.0	76.6	79.7	72.0	36	-44	84.2	$36
Crist 7	1.7	76.4	80.9	69.7	60	-93	83.7	$60
Smith 1	0.8	81.4	83.1	78.9	30	-36	85.5	$30
Smith 2	1.0	87.7	90.0	84.4	36	-71	90.6	$36
Daniel 1	2.5	90.5	92.1	88.2	88	-152	85.4	($152)
Daniel 2	2.7	97.5	98.3	96.4	97	-522	95.7	($522)
Total:	9.7							

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	Target NOF	ANOHR Range Max BTU/KWH	ANOHR Range Min BTU/KWH	Max Fuel Savings ($000)	Max Fuel Loss ($000)	ANOHR Adjusted Actual BTU/KWH	Actual Fuel Savings/ Loss ($000)
Crist 6	11.0	10,804	59.3	11,128	10,480	$390	($390)	11,052	($271)
Crist 7	17.4	10,675	59.3	10,995	10,355	$619	($619)	10,899	($376)
Smith 1	8.5	10,147	92.2	10,451	9,843	$301	($301)	10,226	($5)
Smith 2	10.4	10,270	87.6	10,578	9,962	$369	($369)	10,387	($66)
Daniel 1	20.2	10,291	62.2	10,600	9,982	$716	($716)	10,618	($716)
Daniel 2	22.8	10,107	65.5	10,410	9,804	$809	($809)	10,339	($557)
Total:	90.3								

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Actual Unit Performance Data

Gulf Power Company

Period of: April 1995 - September 1995

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Crist 6	91.9	-7.7	84.2
Crist 7	92.1	-8.4	83.7
Smith 1	90.4	-4.9	85.5
Smith 2	86.9	3.7	90.6
Daniel 1	85.2	0.2	85.4
Daniel 2	94.9	0.8	95.7

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Crist 6	11,134	-82	11,052
Crist 7	10,802	97	10,899
Smith 1	10,205	21	10,226
Smith 2	10,359	28	10,387
Daniel 1	10,619	-1	10,618
Daniel 2	10,367	-28	10,339

* Refer to pages 3 through 8, Schedule 2.

** Refer to pages 8 through 13, Schedule 3.

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1995 - September 1995

	CRIST 6	Apr '95	May '95	Jun '95	Jul '95	Aug '95	Sep '95	Total
1.	EAF (%)	94.5	100.0	99.7	98.8	99.5	58.1	91.9
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	474.1	731.2	563.5	684.0	744.0	323.2	3520.0
4.	RSH	205.7	12.8	156.5	60.0	0.0	149.8	584.8
5.	UH	39.2	0.0	0.0	0.0	0.0	247.0	286.2
6.	POH	0.0	0.0	0.0	0.0	0.0	247.0	247.0
7.	FOH	39.2	0.0	0.0	0.0	0.0	0.0	39.2
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	PFOH	0.0	0.0	7.9	14.8	13.6	209.4	245.7
10.	LR pf (MW)	0.0	0.0	99.7	185.5	94.6	83.3	90.6
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	NSC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	317.0
14.	Oper MBtu	829130	1304606	1125083	1351813	1651640	565309	6827581
15.	Net Gen (MWH)	74579	116080	103307	122712	148628	47922	613228
16.	ANOHR (Btu/KWH)	11117	11239	10891	11016	11113	11796	11134
17.	NOF %	49.6	50.1	57.8	56.6	63.0	46.8	55.0
18.	NPC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	317.0
19.	ANOHR Equation	10^6 / AKW * [146.52 + 40.84 * JAN + 41.36 * JUN + 47.91 * JUL + 31.63 * AUG - 33.35 * OCT] + 10,948 - 0.00485 * LSRF / AKW						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1995 - September 1995

	CRIST 7	Apr '95	May '95	Jun '95	Jul '95	Aug '95	Sep '95	Total
1.	EAF (%)	99.9	77.6	98.8	99.9	80.5	96.5	92.1
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	719.0	583.3	668.0	620.3	671.0	696.2	3957.8
4.	RSH	0.0	0.0	52.0	123.7	0.0	0.0	175.7
5.	UH	0.0	160.7	0.0	0.0	73.0	23.8	257.5
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	0.0	0.0	0.0	0.0	73.0	23.8	96.8
8.	MOH	0.0	160.7	0.0	0.0	0.0	0.0	160.7
9.	PFOH	5.0	36.2	36.4	9.8	276.8	18.6	382.8
10.	LR pf (MW)	84.9	84.3	121.1	27.9	131.1	43.7	118.2
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	NSC (MW)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
14.	Oper MBtu	1878304	1935963	2349890	2317125	2405950	2263129	13150361
15.	Net Gen (MWH)	171022	178594	220591	213830	222287	211094	1217418
16.	ANOHR (Btu/KWH)	10983	10840	10653	10836	10824	10721	10802
17.	NOF %	47.2	60.7	65.5	68.4	65.7	60.2	61.0
18.	NPC (MW)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
19.	ANOHR Equation	10^6 / AKW * [916.48 + 42.72 * JAN + 58.10 * JUL + 72.40 * AUG + 65.36 * NOV] + 5,931 + 0.00451 * LSRF / AKW						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1995 - September 1995

	SMITH 1	Apr '95	May '95	Jun '95	Jul '95	Aug '95	Sep '95	Total
1.	EAF (%)	50.0	100.0	92.1	99.9	99.6	99.8	90.4
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	359.3	744.0	663.3	744.0	744.0	720.0	3974.6
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	359.7	0.0	56.7	0.0	0.0	0.0	416.4
6.	POH	359.7	0.0	0.0	0.0	0.0	0.0	359.7
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	MOH	0.0	0.0	56.7	0.0	0.0	0.0	56.7
9.	PFOH	2.5	0.2	0.0	0.0	9.2	5.1	17.0
10.	LR pf (MW)	6.0	50.0	0.0	0.0	21.5	41.0	25.4
11.	PMOH	0.0	0.0	0.0	9.4	7.9	0.0	17.3
12.	LR pm (MW)	0.0	0.0	0.0	16.7	36.0	0.0	25.5
13.	NSC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
14.	Oper MBtu	565645	1158047	1062912	1144717	1153245	1080100	6174666
15.	Net Gen (MWH)	54324	114734	104771	111257	113981	106021	605088
16.	ANOHR (Btu/KWH)	10412	10093	10145	10289	10206	10188	10205
17.	NOF %	93.9	95.8	98.1	92.9	95.2	91.5	94.6
18.	NPC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
19.	ANOHR Equation	10^6 / AKW * [113.43 + 11.45 * JAN + 16.51 * FEB + 20.38 * MAR] + 9,383						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1995 - September 1995

	SMITH 2	Apr '95	May '95	Jun '95	Jul '95	Aug '95	Sep '95	Total
1.	EAF (%)	72.6	99.4	99.9	92.6	87.2	69.1	86.9
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	524.2	744.0	720.0	689.0	656.1	497.3	3830.6
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	194.8	0.0	0.0	55.0	87.9	222.7	560.4
6.	POH	194.8	0.0	0.0	0.0	0.0	192.6	387.4
7.	FOH	0.0	0.0	0.0	0.0	87.9	30.1	118.0
8.	MOH	0.0	0.0	0.0	55.0	0.0	0.0	55.0
9.	PFOH	2.9	0.0	5.3	1.5	29.3	0.0	39.0
10.	LR pf (MW)	126.0	0.0	23.5	26.0	49.4	0.0	50.7
11.	PMOH	0.0	6.2	0.0	0.0	0.0	0.0	6.2
12.	LR pm (MW)	0.0	137.0	0.0	0.0	0.0	0.0	137.0
13.	NSC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
14.	Oper MBtu	917116	1311596	1388555	1243762	1174526	833488	6869043
15.	Net Gen (MWH)	88275	126903	134492	118818	112952	81634	663074
16.	ANOHR (Btu/KWH)	10389	10335	10324	10468	10398	10210	10359
17.	NOF %	88.2	89.3	97.8	90.3	90.1	85.9	90.6
18.	NPC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
19.	ANOHR Equation	10^6 / AKW * [98.48 + 20.28 * MAR + 28.32 * APR + 37.25 * JUN + 19.27 * NOV] + 9,622						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1995 - September 1995

	DANIEL 1	Apr '95	May '95	Jun '95	Jul '95	Aug '95	Sep '95	Total
1.	EAF (%)	92.8	72.7	98.9	99.5	87.4	60.0	85.2
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	674.8	592.0	632.3	680.6	654.8	440.1	3674.6
4.	RSH	0.0	0.0	87.7	63.4	0.0	0.0	151.1
5.	UH	44.2	152.0	0.0	0.0	89.2	279.9	565.3
6.	POH	0.0	0.0	0.0	0.0	0.0	216.7	216.7
7.	FOH	44.2	0.0	0.0	0.0	26.4	63.2	133.8
8.	MOH	0.0	152.0	0.0	0.0	62.8	0.0	214.8
9.	PFOH	34.9	273.9	176.0	70.8	36.0	31.8	623.4
10.	LR pf (MW)	91.5	95.8	23.2	25.3	66.1	130.0	67.1
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	NSC (MW)	430.0	510.0	510.0	510.0	510.0	510.0	496.7
14.	Oper MBtu	2568838	1709162	1746593	2320983	2334321	1297017	11976914
15.	Net Gen (MWH)	242285	159496	161194	219593	223044	122244	1127856
16.	ANOHR (Btu/KWH)	10603	10716	10835	10569	10466	10610	10619
17.	NOF %	83.5	52.8	50.0	63.3	66.8	54.5	61.8
18.	NPC (MW)	430.0	510.0	510.0	510.0	510.0	510.0	496.7
19.	ANOHR Equation	10^6 / AKW * [283.49 - 52.71 * JAN + 158.68 * MAR] + 9,373						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1995 - September 1995

	DANIEL 2	Apr '95	May '95	Jun '95	Jul '95	Aug '95	Sep '95	Total
1.	EAF (%)	97.5	86.7	98.3	100.0	96.7	90.0	94.9
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	719.0	689.6	565.8	680.9	744.0	656.7	4056.0
4.	RSH	0.0	0.0	154.2	63.1	0.0	0.0	217.3
5.	UH	0.0	54.4	0.0	0.0	0.0	63.3	117.7
6.	POH	0.0	0.0	0.0	0.0	0.0	48.0	48.0
7.	FOH	0.0	54.4	0.0	0.0	0.0	15.3	69.7
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	PFOH	80.8	258.9	87.4	0.0	134.8	23.1	585.0
10.	LR pf (MW)	94.1	87.1	70.4	0.0	93.1	185.1	90.8
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	NSC (MW)	430.0	510.0	510.0	510.0	510.0	510.0	496.7
14.	Oper MBtu	2706605	2235233	1672584	2288600	2578943	1842814	13324779
15.	Net Gen (MWH)	264508	214541	159395	222299	249408	175135	1285286
16.	ANOHR (Btu/KWH)	10233	10419	10493	10295	10340	10522	10367
17.	NOF %	85.6	61.0	55.2	64.0	65.7	52.3	63.8
18.	NPC (MW)	430.0	510.0	510.0	510.0	510.0	510.0	496.7
19.	ANOHR Equation	10^6 / AKW * [297.36 - 55.04 * MAY + 49.04 * SEP] + 9,196						

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Planned Outage Schedules (Actual)

Period of: April 1995 - September 1995

Critical path bar charts of actual work activity performed during major planned outages are not shown here since corresponding bar charts of forecast work activity were not provided earlier in conformance with agreement with Staff to avoid the premature production of charts prior to their normal course of development. Forecast and actual critical path bar charts are developed for each planned outage and, per agreement with Staff, these charts will be provided on request.

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 950001-EI

Before me the undersigned authority, personally appeared George D. Fontaine, who being first duly sworn, deposes, and says that he is the Performance Test Specialist of Gulf Power Company, a Maine Corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

George D. Fontaine
Performance Test Specialist

Sworn to and subscribed before me this 14 day of November, 1995.

Peggy Allen Wilson
Notary Public, State of Florida at Large

PEGGY ALLEN WILSON
"Notary Public-State of Florida"
My Commission Expires July 29, 1997
CC303770

Commission Number: _____

Commission Expires: _____

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 950001-EI

Before me the undersigned authority, personally appeared George D. Fontaine, who being first duly sworn, deposes, and says that he is the Performance Test Specialist of Gulf Power Company, a Maine Corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

George D. Fontaine
Performance Test Specialist

Sworn to and subscribed before me this 14 day of November, 1995.

Peggy Allen Wilson
Notary Public, State of Florida at Large

PEGGY ALLEN WILSON
"Notary Public-State of Florida"
My Commission Expires July 29, 1997
CC303770

Commission Number: _____

Commission Expires: _____