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May 18, 1995

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
101 East Gaines Street
Tallahassee FL 32399-0870

Dear Ms. Bayo:

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.
2. Prepared direct testimony and exhibit of M. L. Gilchrist.
3. Prepared direct testimony and exhibit of G. D. Fontaine.
4. Prepared direct testimony of M. W. Howell.

Sincerely,

Jack E. Haskins
Dated 5/18/95
lw
mg

Enclosures

Cranmer
DOCUMENT NUMBER-DATE
04888 MAY 19 95
FPSC-RECORDS/REPORTING

Gilchrist
DOCUMENT NUMBER-DATE
04889 MAY 19 95
Our business is customer satisfaction!
FPSC-RECORDS/REPORTING

Fontaine
DOCUMENT NUMBER-DATE
04890 MAY 19 95
FPSC-RECORDS/REPORTING

Howell
DOCUMENT NUMBER-DATE
04891 MAY 19 95
FPSC-RECORDS/REPORTING

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 18th day of May, 1995 on the following:

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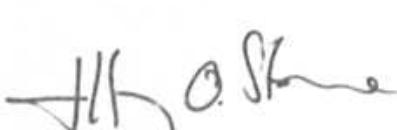
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GULF POWER COMPANY
TESTIMONY AND EXHIBITS OF
G. D. FONTAINE

GENERATING PERFORMANCE INCENTIVE FACTOR
RESULTS FOR
OCTOBER 1994 - MARCH 1995

Before

THE FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 950001-EI

DOCUMENT NUMBER/DATE
04890 MAY 1995
FPSC-REGULATORY/REPORTING

1 GULF POWER COMPANY
2 Before the Florida Public Service Commission
3 Direct Testimony of
4 G. D. Fontaine
5 Docket No. 950001-EI
6 Date of Filing May 19, 1995

7 Q. Please state your name, address and occupation.

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

12

13 Q. Please describe your educational and business
14 background.

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

22

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

25 A. Yes, sir.

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

3 A. The purpose of my testimony is to present GPIF results
4 for Gulf Power Company for the period of October 1,
5 1994, through March 31, 1995.

6

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

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

12

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

15 A. Yes, it was.

16

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

19

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

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

1 the Commission during this period. These corrections
2 are based on discoveries made during our final review
3 to determine the accuracy of this information prior to
4 this proceeding. The Actual Unit Performance Data
5 tables on pages 14 to 19 of Schedule 5 incorporate
6 these changes. The data contained on these tables is
7 the data upon which the GPIF calculation was made.
8

9 Q. Mr. Fontaine, are there any modifications to the
10 results that need clarification?

11 A. Yes, we have made an adjustment to essentially remove
12 Daniel 1 and Daniel 2 from the heat rate results
13 portion of this GPIF filing. The heat rate targets for
14 these two units were rendered inapplicable to the
15 period due to a significant change in the fuel supply
16 at the Plant for the period. When the targets for this
17 period were established, the two generating units at
18 Plant Daniel were identified as GPIF units.

19 As discussed in the testimony of M. L. Gilchrist,
20 the Company has recently implemented a fuel supply plan
21 for Plant Daniel that includes the seasonal firing of
22 Powder River Basin ("PRB") coal during non-summer
23 months. The seasonal burning of PRB coal at Plant
24 Daniel produces significant fuel cost savings for
25 Gulf's territorial customers. PRB coal was the fuel

1 burned at Plant Daniel during the October 1994 through
2 March 1995 GPIF period.

3

4 Q. Why does the switch to PRB coal during the GPIF results
5 period render the heat rate targets for Daniel 1 and
6 Daniel 2 inapplicable?

7 A. The PRB coal has a substantially lower heat and higher
8 moisture content than what had previously been the year
9 round fuel supply for Plant Daniel. The targets for
10 the period had been based on burning the higher heat
11 and lower moisture content coal that had previously
12 been the normal fuel supply for Plant Daniel. At the
13 time the targets for the period were determined, there
14 was not adequate data to properly derive target
15 equations for both Daniel Units 1 and 2 based on the
16 PRB coal. Because the targets had been based on
17 experience with coal having higher heat and lower
18 moisture content than the coal actually used during the
19 period, the targets themselves became an unattainable
20 standard.

21

22 Q. Should the Company be penalized for failing to meet
23 heat rate targets that had been based on coal with a
24 higher heat and lower moisture content?

25 A. No. As I previously mentioned, a prime driver in the

1 decision to burn PRB coal at Plant Daniel during non-
2 summer months was to save fuel costs for our customers.
3 Assuming that both Daniel Units would have operated on
4 their target equations with the higher heat and lower
5 moisture content fuel, I calculated that burning the
6 PRB coal instead of the higher heat and lower moisture
7 content fuel saved Gulf's territorial customers over
8 \$2 million. Because of the differences inherent to PRB
9 coal, these fuel savings could not have been achieved
10 without the side effect of causing the Daniel units to
11 miss the heat rate targets established based on
12 experience with coal having a higher heat and lower
13 moisture content. Therefore, for the reasons explained
14 above, I have adjusted the heat rate weighting factors
15 for Plant Daniel Units 1 and 2 to zero and left the
16 remaining weighting factor the same.

17

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

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

1 A calculation of GPIF availability points based on
2 these availabilities and the targets established by
3 Commission Order PSC-94-1092-FOF-EI is on page 9 of
4 Schedule 2. The results are: Crist 6, +10.00 points;
5 Crist 7, +10.00 points; Smith 1, +10.00 points; Smith
6 2, +10.00 points; Daniel 1, +1.36 points, and Daniel 2,
7 -10.00 points.

8
9 Q. Mr. Fontaine, what were the heat rate results for the
10 period?

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

17 As was done for the prior GPIF periods, and as
18 indicated on pages 8 through 13 of Schedule 3, the
19 target setting equations were used to adjust actual
20 results to the target bases. These equations,
21 submitted in June 1994, are shown on page 15 of
22 Schedule 3.

23 As calculated on page 16 of Schedule 3, the
24 adjusted actual average net operating heat rates
25 correspond to GPIF unit heat rate points of: 0.00 for

1 Crist 6, +5.62 for Crist 7; -0.70 for Smith 1, 0.00 for
2 Smith 2. As explained earlier in my testimony, the
3 heat rates for Daniel 1 and Daniel 2 have been excluded
4 from the GPIF results calculation by setting the
5 weighting factors to zero.

6

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

11 A. Using the unit equivalent availability and heat rate
12 points previously mentioned, along with the adjusted
13 weighting factors, the Company points would be +1.18 as
14 indicated on page 2 of Schedule 4. This calculates to
15 a reward in the amount of \$98,968. Because of the
16 adjustments to the heat rate results made necessary due
17 to the change in fuel supply at Plant Daniel, in lieu
18 of the calculated reward, the Company believes that it
19 is appropriate to set the reward/penalty for the period
20 at zero dollars. It is this amount that the Company
21 requests be approved by the Commission in this
22 proceeding.

23

24

25

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

3 A. Yes, Sir. In view of the adjusted actual equivalent
4 availabilities, as shown on page 9 of Schedule 2, and
5 the adjusted actual average net operating heat rates
6 achieved, as shown on page 16 of Schedule 3, evidencing
7 the Company's performance for the period, Gulf requests
8 a net zero reward/penalty as provided for by the GPIF
9 plan.

10

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

12 A. Yes, Sir.

13

14

15

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23

24

25

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

Florida Public Service Commission
Docket No. 950001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-1)
Schedule 1
Page 1 of 2

I. CORRECTIONS TO REPORTED DATA FOR THE OCTOBER 1994 - MARCH 1995 PERIOD

Additions and Corrections to Outages Previously Reported
for the October 1994 - March 1995 Period

Date	Unit	Change	Outage Type	Hours	MW	Description
12/94	Crist 6	RSH	RSH	348.1	317.0	Incorrectly Reported
10/94	Daniel 1	MOH	FHO	47.5	430.0	Incorrectly Reported
10/94	Daniel 1	RSH	RSH	147.0	430.0	Incorrectly Reported
11/94	Daniel 1	MOH	FHO	0.0	430.0	Incorrectly Reported
11/94	Daniel 1	RSH	RSH	317.6	430.0	Incorrectly Reported
12/94	Daniel 1	MOH	FHO	37.7	430.0	Initially Reported as FFO
12/94	Daniel 1	FOH	FFO	0.0	430.0	Incorrectly Reported
10/94	Daniel 2	MOH	FHO	93.0	430.0	Incorrectly Reported
10/94	Daniel 2	RSH	RSH	338.7	430.0	Incorrectly Reported
11/94	Daniel 2	MOH	FHO	0.0	430.0	Incorrectly Reported
11/94	Daniel 2	RSH	RSH	301.4	430.0	Incorrectly Reported
03/95	Daniel 2	MOH	FHO	144.4	430.0	Initially Reported as FFO
03/95	Daniel 2	FOH	FFO	63.6	430.0	Incorrectly Reported

Additions and Corrections to Heat Rate Previously Reported
for the October 1994 - March 1995 Period

Date	Unit	Change	Description
11/94	Crist 7	Oper MWtu	Incorrectly Reported
12/94	Crist 7	Oper MWtu	Incorrectly Reported

Florida Public Service Commission
Docket No. 950001-E!
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ____ (GDF-1)
Schedule 2
Page 1 of 10

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for October 1994 - March 1995

Unit	Note	Forecast Planned Outage Schedule	Forecast Hours*	Actual Planned Outage Schedule	Actual Hours*
Crist 6	1	10/29/94 - 11/13/94	384.0	None	0.0
Crist 7	2	10/08/94 - 10/23/94	384.0	10/08/94 - 10/15/94	181.1
Smith 1	3	11/26/94 - 12/11/94	384.0	None	0.0
Smith 2	4	10/15/94 - 10/30/94	384.0	None	0.0
Smith 2	5	03/25/95 - 04/09/95	168.0	03/24/95 - 04/09/95	168.2

* Planned outage hours in the October 1994 - March 1995 period only.

Notes:

1. This outage canceled because necessary work was completed during reserve shutdowns.
2. This outage was shortened because some of the planned maintenance work was previously completed during reserve shutdowns.
3. This outage was canceled because of better than anticipated equipment conditions.
4. This outage was canceled because of better than anticipated equipment conditions.
5. This outage proceeded as scheduled.

Calculation of Actual Equivalent Availability
 for October 1994 - March 1995
 Based on Target Planned Outage Hours
 Crist 6

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOH	0.0	2.3	0.0	0.0	0.0	0.0	2.3
EFOH	0.0	0.8	0.2	0.0	3.1	0.0	4.1
MOH	0.0	0.0	0.0	0.0	0.0	93.2	93.2
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	205.8	146.4	348.1	609.0	177.2	357.1	1843.6

$$1. \text{ EUOR} = \frac{(FOH + EFOH + MOH + EMOH)}{(PH + POH + RSH)} = \frac{(2.3 + 4.1 + 93.2 + 0.0)}{(4369.0 - 0.0 - 1843.6)}$$

$$\text{EUOR} = 0.0394$$

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

$$\text{Target POH}^* = 384.0$$

$$\text{Target RSH}^* = 0.0$$

$$\text{EA} = [1 - \frac{(384.0 + 0.0394(4369.0 - 384.0 - 0.0))}{4369.0}] \times 100 = 87.6\%$$

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

Calculation of Actual Equivalent Availability
 for October 1994 - March 1995
 Based on Target Planned Outage Hours
 Crist 7

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOM	0.0	7.7	12.4	0.0	5.1	0.0	25.2
EFOH	0.1	5.3	13.7	0.0	0.0	11.6	30.7
MOH	0.0	39.1	0.0	0.0	0.0	0.0	39.1
ENOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	744.0	672.0	764.0	4369.0
POH	181.1	0.0	0.0	0.0	0.0	0.0	181.1
RSH	142.9	509.8	345.0	52.9	272.0	68.2	1390.8

$$1. \text{ EUOR} = \frac{(FOM + EFOH + MOH + ENOH) \times (25.2 + 30.7 + 39.1 + 0.0)}{(PH - POH - RSH)} = \frac{(25.2 + 30.7 + 39.1 + 0.0)}{(4369.0 - 181.1 - 1390.8)}$$

$$\text{EUOR} = 0.0340$$

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

$$\text{Target POH}^* = 384.0$$

$$\text{Target RSH}^* = 0.0$$

$$\text{EA} = [1 - \frac{(384.0 + 0.0340 \times (4369.0 - 384.0 - 0.0))}{4369.0}] \times 100 = 88.1\%$$

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

Calculation of Actual Equivalent Availability
 for October 1994 - March 1995
 Based on Target Planned Outage Hours
 Smith 1

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOMH	0.0	0.0	0.0	0.0	18.1	0.0	18.1
EFOH	0.0	0.0	0.3	0.0	1.8	1.9	4.0
MWH	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	1.0	1.0
PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	0.0	80.6	0.0	0.0	0.0	0.0	80.6

$$1. \text{ EUOR} = \frac{(FOM + EFOH + MWH + EMOH)}{(PH - POH - RSH)} = \frac{(18.1 + 4.0 + 0.0 + 1.0)}{(4369.0 - 0.0 - 80.6)}$$

EUOR = 0.0054

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

Target POH* = 384.0

Target RSH* = 0.0

$$\text{EA} = [1 - \frac{(384.0 + 0.0054(4369.0 - 384.0 - 0.0))}{4369.0}] \times 100 = 90.7\%$$

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

Calculation of Actual Equivalent Availability
 for October 1994 - March 1995
 Based on Target Planned Outage Hours
 Smith 2

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EFOH	0.0	2.9	0.7	1.4	0.2	0.2	5.4
MOH	0.0	0.0	0.0	0.0	16.0	0.0	16.0
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	0.0	0.0	0.0	0.0	0.0	168.2	168.2
RSH	0.0	0.0	482.9	28.3	38.1	0.0	549.3

$$1. \text{ EUOR} = \frac{(FOH + EFOH + MOH + EMOH)}{(PH + POH + RSH)} = \frac{(0.0 + 5.4 + 16.0 + 0.0)}{(4369.0 - 168.2 - 549.3)}$$

$$\text{EUOR} = 0.0059$$

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

$$\text{Target POH}^* = 552.0$$

$$\text{Target RSH}^* = 0.0$$

$$\text{EA} = [1 - \frac{(552.0 + 0.0059(4369.0 - 552.0 - 0.0))}{4369.0}] \times 100 = 86.9\%$$

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

Calculation of Actual Equivalent Availability
 for October 1994 - March 1995
 Based on Target Planned Outage Hours
 Daniel 1

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOH	0.0	0.0	0.0	0.0	0.0	239.1	239.1
EFOH	5.2	2.0	0.1	3.8	53.6	48.3	113.0
MOH	47.5	0.0	37.7	0.0	50.6	0.0	135.8
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	147.0	317.6	404.0	28.4	0.0	0.0	897.0

$$1. \text{ EUOR} = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(239.1 + 113.0 + 135.8 + 0.0)}{(4369.0 - 0.0 - 897.0)}$$

$$\text{EUOR} = 0.1405$$

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

$$\text{Target POH}^* = 0.0$$

$$\text{Target RSH}^* = 0.0$$

$$\text{EA} = [1 - \frac{(0.0 + 0.1405(4369.0 - 0.0 - 0.0))}{4369.0}] \times 100 = 86.0\%$$

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

Calculation of Actual Equivalent Availability
 for October 1994 - March 1995
 Based on Target Planned Outage Hours
 Daniel 2

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOH	0.0	0.0	0.0	0.0	0.0	63.6	63.6
EFOH	4.5	3.4	6.7	6.1	19.4	61.3	101.4
MOH	93.0	0.0	0.0	0.0	0.0	144.4	237.4
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	338.7	301.4	0.0	314.5	0.0	0.0	954.6

$$1. \text{ EUOR} = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(63.6 + 101.4 + 237.4 + 0.0)}{(4369.0 - 0.0 - 954.6)}$$

$$\text{EUOR} = 0.1179$$

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

$$\text{Target POH}^* = 0.0$$

$$\text{Target RSH}^* = 0.0$$

$$\text{EA} = [1 - \frac{(0.0 + 0.1179(4369.0 - 0.0 - 0.0))}{4369.0}] \times 100 = 88.2\%$$

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

Calculation of Equivalent Availability Points
for October 1994 - March 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	83.6	87.6	85.9	10.00
Crist 7	69.2	88.1	75.8	10.00
Smith 1	87.7	90.7	88.7	10.00
Smith 2	84.8	86.9	85.6	10.00
Daniel 1	85.4	86.0	89.8	1.36
Daniel 2	94.8	88.2	92.5	-10.00

* As appropriate from page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 27, 1994 GPIF testimony in Docket 940001-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)

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

Florida Public Service Commission
Docket No. 950001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-1)
Schedule 3
Page 1 of 16

III. CALCULATION OF GPIF UNIT HEAT RATE POINTS

Calculation of Average Net Operating Heat Rate Points
 for October 1994 - March 1995

Crist 6

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	79152.7	86614.3	50436.0	16585.0	63987.8	38437.2	335213.0
BTU/Lb*	11965.7	11854.0	12011.5	12180.5	12150.5	12190.7	12015.4
Coal, MMBTU	947117.5	1026725.9	605812.0	202013.6	777483.8	468576.4	4027729.2
Oil, MMBTU	610.9	2261.4	960.7	163.1	919.0	2842.8	7757.9
Gas, MMBTU	0.0	3091.0	2380.0	3026.0	2905.0	0.0	11402.0
Startup, MMBTU **	0.0	-4040.0	-4040.0	-4040.0	-8080.0	-8080.0	-28280.0
Total Fuel Consumption, MMBTU	947728.4	1028038.3	605112.7	201162.7	773227.8	463339.2	4018609.1
Net MWh Generation***	87846	96586	55309	18483	69275	41447	368946
Average Net Operating Heat Rate	10789	10644	10941	10884	11162	11179	10892

* Weighted average of daily as-burned BTU/Lb values.

** Based on number of unit starts after unit off-line 24 hours or more.

*** K-t reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1994 - March 1995

Crist 7

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	118089.9	46259.6	101652.6	143443.9	82971.1	149668.4	642085.5
BTU/Lb*	12095.0	12148.3	11994.0	12225.7	12252.0	12179.8	12152.1
Coal, MM BTU	1428297.3	561975.5	1219221.3	1753702.1	1016561.9	1822931.2	7802689.3
Oil, MM BTU	2877.3	954.2	2818.3	2385.8	2354.2	7358.4	18748.2
Gas, MM BTU	5236.0	5930.0	2336.0	5997.0	5166.0	0.0	24665.0
Startup, MM BTU **	-2256.0	-2256.0	0.0	-2256.0	-2256.0	-2256.0	-11280.0
Total Fuel Consumption, MM BTU	1434154.6	566603.7	1224375.6	1759828.9	1021826.1	1828033.6	7834822.5
Net MWH Generation***	138288	54784	115996	161429	92608	167659	730764
Average Net Operating Heat Rate	10371	10343	10555	10902	11034	10903	10721

* 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 October 1994 - March 1995

Smith 1

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	85390.1	73116.2	86941.9	99745.4	81290.9	100505.7	526990.2
BTU/Lb*	12224.9	12229.8	11755.9	12048.3	12220.3	11912.8	12054.5
Coal, MMBTU	1043885.4	894196.5	1022080.3	1201762.5	993399.2	1197304.3	6352628.2
Oil, MMBTU	549.2	1102.4	816.9	537.8	1205.3	331.2	4542.8
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-964.0	0.0	0.0	0.0	0.0	-964.0
Total Fuel Consumption, MMBTU	1044434.6	894334.9	1022897.2	1202300.3	994604.5	1197635.5	6356207.0
Net MWH Generation***	101765	87553	98625	116337	96887	116287	617254
Average Net Operating Heat Rate	10263	10238	10372	10335	10266	10299	10298

* 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 October 1994 - March 1995

Smith 2

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	88592.2	85273.0	30733.3	109669.6	86065.2	86069.9	486403.2
BTU/Lb*	12332.9	12188.9	11822.8	12086.0	12236.4	11911.4	12128.1
Coal, MM BTU	1092598.7	1039384.1	363353.7	1325466.8	1053128.2	1025213.0	5899144.5
Oil, MM BTU	543.5	277.2	1414.6	1072.0	1526.3	195.2	5028.8
Gas, MM BTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MM BTU **	0.0	0.0	-1190.0	-1190.0	-1190.0	0.0	-3570.0
Total Fuel Consumption, MM BTU	1093142.2	1039661.3	363578.3	1325348.8	1053464.5	1025408.2	5900603.3
Net MWH Generation***	104155	100891	34870	127974	101934	99784	569608
Average Net Operating Heat Rate	10495	10305	10427	10356	10335	10276	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 October 1994 - March 1995

Daniel 1

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	220782.9	166478.1	135981.5	260643.1	241872.0	205679.1	1231436.7
BTU/Lb*	9494.8	9399.6	9269.0	9337.7	9469.3	9201.3	9369.7
Coal, MMBTU	2096289.5	1564827.5	1260412.5	2433807.1	2290358.5	1892515.1	11538210.2
Oil, MMBTU	387.1	3196.9	104.0	4068.7	2781.9	7194.4	17733.0
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-2388.7	0.0	-2388.7	-2388.7	-4777.4	-11943.5
Total Fuel Consumption, MMBTU	2096676.6	1565635.7	1260516.5	2435487.1	2290751.7	1894932.1	11543999.7
Net MWh Generation***	200694	151680	121499	230903	216592	179912	1101280
Average Net Operating Heat Rate	10447	10322	10375	10548	10576	10533	10482

* 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 October 1994 - March 1995

Daniel 2

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	116509.1	174930.2	330241.3	153057.2	265388.2	218315.0	1258441.0
BTU/Lb*	9659.9	9398.4	9345.4	9358.3	9563.9	9213.7	9406.7
Coal, MM BTU	1125466.3	1644064.0	3086237.0	1432355.2	2538146.2	2011488.9	11837757.6
Oil, MM BTU	520.8	3261.4	0.7	3572.1	7.9	3196.2	10559.1
Gas, MM BTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MM BTU **	0.0	-2388.7	0.0	-2388.7	0.0	-2388.7	-7166.1
Total Fuel Consumption, MM BTU	1125987.1	1644936.7	3086237.7	1433538.6	2538154.1	2012296.4	11841150.6
Net MWH Generation***	109869	162997	305866	138661	250137	194089	1161619
Average Net Operating Heat Rate	10248	10092	10090	10338	10147	10368	10194

* 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 October 1994 - March 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed June 27, 1994

Crist 6

	Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1. Target Heat Rate*	10085	10387	10337	10770	10516	10421	
2. Target Heat Rate at Actual Conditions**	10546	10789	11110	11461	11106	11092	
3. Adjustment to Actual Heat Rate (1-2)	-461	-402	-773	-691	-590	-671	
4. Actual Heat Rate (Page 2 of Sched. 3)	10789	10644	10941	10884	11162	11179	
5. Adjusted Actual Heat Rate (4+3)	10328	10242	10168	10193	10572	10508	
6. Net MWh Generation	87846	96586	55309	18483	69275	41447	
7. Adjusted Actual Heat Rate for October 1994 - March 1995 $= (\Sigma(5*6) / \Sigma 6)$							10341

* From page 18, schedule 3 of Exhibit to G. D. Fontaine's June 27, 1994
GPIF testimony in Docket 940001-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 October 1994 - March 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed June 27, 1994

Crist 7

	Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1. Target Heat Rate*	10116	10440	10189	10500	10335	10232	
2. Target Heat Rate at Actual Conditions**	10475	10649	10633	11301	11138	11011	
3. Adjustment to Actual Heat Rate (1-2)	-359	-209	-444	-801	-803	-779	
4. Actual Heat Rate (Page 3 of Sched. 3)	10371	10343	10555	10902	11034	10903	
5. Adjusted Actual Heat Rate (4+3)	10012	10134	10111	10101	10231	10124	
6. Net MWH Generation	138288	54784	115996	161429	92608	167659	
7. Adjusted Actual Heat Rate for October 1994 - March 1995 $=(\Sigma(5*6)/\Sigma 6)$							10110

* From page 19, schedule 3 of Exhibit to G. D. Fontaine's June 27, 1994
GPIF testimony in Docket 940001-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 October 1994 - March 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed June 27, 1994

Smith 1

	Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1. Target Heat Rate*	10051	10161	10172	10153	10150	10155	
2. Target Heat Rate at Actual Conditions**	10165	10277	10304	10164	10207	10165	
3. Adjustment to Actual Heat Rate (1-2)	-114	-116	-132	-11	-57	-10	
4. Actual Heat Rate (Page 4 of Sched. 3)	10263	10238	10372	10335	10266	10299	
5. Adjusted Actual Heat Rate (4+3)	10149	10122	10240	10324	10209	10289	
6. Net MWH Generation	101765	87353	98625	116337	96887	116287	
7. Adjusted Actual Heat Rate for October 1994 - March 1995 $= (\Sigma(5*6) / \Sigma 6)$							10228

* From page 20, schedule 3 of Exhibit to G. D. Fontaine's June 27, 1994
GPIF testimony in Docket 940001-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 October 1994 - March 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed June 27, 1994

Smith 2

	Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1. Target Heat Rate*	10216	10223	10224	10217	10217	10333	
2. Target Heat Rate at Actual Conditions**	10302	10346	10342	10239	10245	10340	
3. Adjustment to Actual Heat Rate (1-2)	-86	-123	-118	-22	-28	-7	
4. Actual Heat Rate (Page 5 of Sched. 3)	10495	10305	10427	10356	10335	10276	
5. Adjusted Actual Heat Rate (4+3)	10409	10182	10309	10334	10307	10269	
6. Net MWH Generation	104155	100891	34870	127974	101934	99784	
7. Adjusted Actual Heat Rate for October 1994 - March 1995 $= (\Sigma(5*6) / \Sigma 6)$							10303

* From page 21, schedule 3 of Exhibit to G. D. Fontaine's June 27, 1994
GPIF testimony in Docket 940001-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 October 1994 - March 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed June 27, 1994

Daniel 1

	Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1. Target Heat Rate*	10257	10207	10206	10185	10182	10631	
2. Target Heat Rate at Actual Conditions**	10115	10109	10098	10169	10114	10588	
3. Adjustment to Actual Heat Rate (1-2)	142	98	108	16	66	43	
4. Actual Heat Rate (Page 6 of Sched. 3)	10447	10322	10375	10548	10576	10533	
5. Adjusted Actual Heat Rate (4+3)	10589	10420	10483	10564	10644	10576	
6. Net MWH Generation	200694	151680	121499	230903	216592	179912	
7. Adjusted Actual Heat Rate for October 1994 - March 1995 $= (\Sigma (5*6) / \Sigma 6)$							10557

* From page 22, schedule 3 of Exhibit to G. D. Fontaine's June 27, 1994
GPIF testimony in Docket 940001-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 October 1994 - March 1995
Adjusted to Target Basis Using Heat Rate
Equations Filed June 27, 1994

Daniel Z

	Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1. Target Heat Rate*	9980	9922	9929	9903	9900	9907	
2. Target Heat Rate at Actual Conditions**	10029	9953	9917	10095	9985	10005	
3. Adjustment to Actual Heat Rate (1-2)	-49	-31	12	-192	-85	-98	
4. Actual Heat Rate (Page 7 of Sched. 3)	10248	10092	10090	10338	10147	10368	
5. Adjusted Actual Heat Rate (4+3)	10199	10061	10102	10146	10062	10270	
6. Net MWH Generation	109869	162997	305866	138661	250137	194089	
7. Adjusted Actual Heat Rate for October 1994 - March 1995 $= (\Sigma(5*6) / \Sigma 6)$							10130

* From page 23, schedule 3 of Exhibit to G. D. Fontaine's June 27, 1994
GPIF testimony in Docket 940001-EI.

** Based on target heat rate equation from page 2, Schedule i 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 October 1994 - March 1995

	Oct	Nov	Dec	Jan	Feb	Mar
Crist 6						
+3						
AKW * 10	162.9	169.1	139.7	136.9	140.0	141.1
+6						
LSRF * 10	30602.9	33217.7	21838.6	20068.9	19130.2	18118.5
Crist 7						
+3						
AKW * 10	328.5	335.3	300.0	233.6	234.5	248.1
+6						
LSRF * 10	123408.4	130845.5	103743.3	60942.9	61073.1	69854.9
Smith 1						
+3						
AKW * 10	136.6	136.6	132.6	156.4	148.2	156.3
+6						
LSRF * 10	19671.4	19805.0	18851.1	24632.9	22568.5	24540.6
Smith 2						
+3						
AKW * 10	139.8	140.1	133.6	178.8	165.0	173.3
+6						
LSRF * 10	21596.7	22038.4	20059.4	32560.9	28563.4	30730.2
Daniel 1						
+3						
AKW * 10	364.6	376.9	401.9	322.7	348.6	356.3
+6						
LSRF * 10	138740.0	146896.7	163559.8	112992.7	127328.5	129860.3
Daniel 2						
+3						
AKW * 10	350.7	389.4	411.1	322.8	372.2	362.1
+6						
LSRF * 10	129543.2	155853.9	170356.6	107298.5	144396.9	135950.9

Target Heat Rate Equations

Crist 6 ANOHR = $10^46 / \text{AKW} * [258.07 + 42.81 * \text{JAN} + 27.33 * \text{MAY} + 39.91 * \text{JUN} - 49.15 * \text{OCT}]$
+ 9,263

Crist 7 ANOHR = $10^46 / \text{AKW} * [543.16 + 35.93 * \text{JAN} - 87.62 * \text{APR} + 74.61 * \text{JUL} + 74.03 * \text{AUG} + 89.45 * \text{NOV}]$
+ 8,822

Smith 1 ANOHR = $10^46 / \text{AKW} * [121.85 - 15.34 * \text{OCT}]$
+ 9,385

Smith 2 ANOHR = $10^46 / \text{AKW} * [348.89 + 21.31 * \text{MAR} - 19.32 * \text{MAY}]$
+ 5,115 + 0.01742 * LSRF / AKW

Daniel 1 ANOHR = $10^46 / \text{AKW} * [529.40 + 181.90 * \text{MAR} + 57.91 * \text{APR} + 124.94 * \text{MAY}]$
+ 6,970 + 0.00445 * LSRF / AKW

Daniel 2 ANOHR = $10^46 / \text{AKW} * [268.25 + 43.09 * \text{JUN} + 66.40 * \text{SEP}]$
+ 9,264

Where:
ANOHR Average Net Operating Heat Rate, BTU/KWH
AKW Average Kilowatt Load, KW
LSRF Load Square Range Factor, KW²
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 October 1994 - March 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	10410	10341	10098	0.00
Crist 7	10317	10110	10007	5.62
Smith 1	10137	10228	9833	-0.70
Smith 2	10237	10303	9930	0.00
Daniel 1	10287	10557	9976	-8.33
Daniel 2	9923	10130	9625	-5.92

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 27, 1994 GPIF testimony in Docket 940001-EI.

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

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

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

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

Florida Public Service Commission
Docket No. 950001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (QDF-1)
Schedule 4
Page 1 of 2

IV. CALCULATION OF COMPANY GPIF POINTS AND REWARD/PENALTY

Calculation of Heat Rate Points
 GPIF Points and Reward or Penalty
 for October 1994 - March 1995

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Crist 6	10.00	0.012	0.00	0.109
Crist 7	10.00	0.025	5.62	0.152
Smith 1	10.00	0.010	-0.70	0.071
Smith 2	10.00	0.013	0.00	0.078
Daniel 1	1.36	0.023	-8.33	0.000
Daniel 2	-10.00	0.026	-5.92	0.000

Company GPIF Points = + 10.00 * 0.012 + 0.00 * 0.109
 + 10.00 * 0.025 + 5.62 * 0.152
 + 10.00 * 0.010 - 0.70 * 0.071
 + 10.00 * 0.013 + 0.00 * 0.078
 + 1.36 * 0.023 - 8.33 * 0.000
 - 10.00 * 0.026 - 5.92 * 0.000
 1.18

Company reward/penalty = 1.18 points * \$83871 per point
 = \$98,968

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's
 June 27, 1994 GPIF testimony in Docket 940001-EI.

Florida Public Service Commission
Docket No. 950001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-1)
Schedule 5
Page 1 of 20

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE OCTOBER 1994 - MARCH 1995 PERIOD

CONTENTS	SCHEDULE 5 PAGE
GPIF Reward/Penalty Table (Actual)	3
GPIF Calculation of Maximum Allowed Incentive Dollars (Actual)	4
Calculation of System Actual GPIF Points	5
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GPIF Unit Performance Summary	12
Actual Unit Performance Data	13
Historic Unit Performance Data	14 - 19
Planned Outage Schedules (Actual)	20

Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: October 1994 - March 1995

Generating Performance Incentive Factor Points	Fuel Saving/Loss (\$000)	Generating Performance Incentive Factor (\$000)
+ 10	3147	839
+ 9	2832	755
+ 8	2518	671
+ 7	2203	587
+ 6	1888	503
+ 5	1574	419
+ 4	1259	335
+ 3	944	252
+ 2	629	168
+ 1	315	84
0	0	0
- 1	-337	-84
- 2	-674	-168
- 3	-1012	-252
- 4	-1349	-335
- 5	-1686	-419
- 6	-2023	-503
- 7	-2360	-587
- 8	-2698	-671
- 9	-3035	-755
- 10	-3372	-839
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Issued by: T. J. Bowden

Filed: May 19, 1995
 Suspended:
 Effective: May 19, 1995
 Docket No.: 930001-EI
 Order No.:

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Schedule 5

Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: October 1994 - March 1995

Line 1	Beginning of Period Balance of Common Equity	\$422,078,921
	End of Month Balance of Common Equity:	
Line 2	Month of Oct '94	\$414,090,534
Line 3	Month of Nov '94	\$418,644,485
Line 4	Month of Dec '94	\$425,471,365
Line 5	Month of Jan '95	\$417,823,932
Line 6	Month of Feb '95	\$422,559,051
Line 7	Month of Mar '95	\$424,650,999
Line 8	Average Common Equity for the Period (sum of line 1 through line 7 divided by 7)	\$420,759,898
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)	\$870,023
Line 12	Jurisdictional Sales (KWH)	3,718,069,822
Line 13	Total Territorial Sales (KWH)	3,856,871,068
Line 14	Jurisdictional Separation Factor (line 12 divided by line 13)	96.4012%
Line 15	Maximum Allowed Jurisdictional Incentive Dollars (line 11 multiplied by line 14)	\$838,713

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Effective: May 19, 1995

Docket No.: 950001-E1

Order No.:

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Schedule 5

Calculation of System Actual GPIF Points

Gulf Power Company

Period of: October 1994 - March 1995

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Crist 6	EAF1	1.2%	10.00	0.120
Crist 6	ANOHR1	10.9%	0.00	0.000
Crist 7	EAF2	2.5%	10.00	0.250
Crist 7	ANOHR2	15.2%	5.62	0.854
Smith 1	EAF3	1.0%	10.00	0.100
Smith 1	ANOHR3	7.1%	-0.70	-0.050
Smith 2	EAF4	1.3%	10.00	0.130
Smith 2	ANOHR4	7.8%	0.00	0.000
Daniel 1	EAF5	2.3%	1.36	0.031
Daniel 1	ANOHR5	0.0%	-8.33	-0.000
Daniel 2	EAF6	2.6%	-10.00	-0.260
Daniel 2	ANOHR6	0.0%	-5.92	-0.000
<hr/>				
Gulf Power GPIF Total		51.9%		1.18

Issued by: T. J. Bowden

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Schedule 5Filed: May 19, 1995
Suspended:
Effective: May 19, 1995
Docket No.: 950001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 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	38	85.90	+ 10	343	10,098
+ 9	34	85.67	+ 9	309	10,122
+ 8	30	85.44	+ 8	274	10,145
+ 7	27	85.21	+ 7	240	10,169
+ 6	23	84.98	+ 6	206	10,193
+ 5	19	84.75	+ 5	172	10,217
+ 4	15	84.52	+ 4	137	10,240
+ 3	11	84.29	+ 3	103	10,264
+ 2	8	84.06	+ 2	69	10,288
+ 1	4	83.83	+ 1	34	10,311
				0	10,335
0	0	83.60	0	0	10,410
				0	10,485
- 1	(7)	83.26	- 1	(34)	10,509
- 2	(13)	82.92	- 2	(69)	10,532
- 3	(20)	82.58	- 3	(103)	10,556
- 4	(26)	82.24	- 4	(137)	10,580
- 5	(33)	81.90	- 5	(172)	10,604
- 6	(39)	81.56	- 6	(206)	10,627
- 7	(46)	81.22	- 7	(240)	10,651
- 8	(52)	80.88	- 8	(274)	10,675
- 9	(59)	80.54	- 9	(309)	10,698
- 10	(65)	80.20	- 10	(343)	10,722

Weighting Factor: 0.012

Weighting Factor: 0.109

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 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	80	75.80	+ 10	479	10,007
+ 9	72	75.14	+ 9	431	10,031
+ 8	64	74.48	+ 8	383	10,054
+ 7	56	73.82	+ 7	335	10,078
+ 6	48	73.16	+ 6	287	10,101
+ 5	40	72.50	+ 5	240	10,125
+ 4	32	71.84	+ 4	192	10,148
+ 3	24	71.18	+ 3	144	10,172
+ 2	16	70.52	+ 2	96	10,195
+ 1	8	69.86	+ 1	48	10,219
				0	10,242
0	0	69.20	0	0	10,317
				0	10,392
- 1	(13)	68.21	- 1	(48)	10,416
- 2	(25)	67.22	- 2	(96)	10,439
- 3	(38)	66.23	- 3	(144)	10,463
- 4	(50)	65.24	- 4	(192)	10,486
- 5	(63)	64.25	- 5	(240)	10,510
- 6	(75)	63.26	- 6	(287)	10,533
- 7	(88)	62.27	- 7	(335)	10,557
- 8	(100)	61.28	- 8	(383)	10,580
- 9	(113)	60.29	- 9	(431)	10,604
- 10	(125)	59.30	- 10	(479)	10,627

Weighting Factor: 0.025

Weighting Factor: 0.152

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 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	33	88.70	+ 10	223	9,833
+ 9	30	88.60	+ 9	201	9,856
+ 8	26	88.50	+ 8	178	9,879
+ 7	23	88.40	+ 7	156	9,902
+ 6	20	88.30	+ 6	134	9,925
+ 5	17	88.20	+ 5	112	9,948
+ 4	13	88.10	+ 4	89	9,970
+ 3	10	88.00	+ 3	67	9,993
+ 2	7	87.90	+ 2	45	10,016
+ 1	3	87.80	+ 1	22	10,039
				0	10,062
0	0	87.70	0	0	10,137
				0	10,212
- 1	(7)	87.54	- 1	(22)	10,235
- 2	(13)	87.38	- 2	(45)	10,258
- 3	(20)	87.22	- 3	(67)	10,281
- 4	(27)	87.06	- 4	(89)	10,304
- 5	(34)	86.90	- 5	(112)	10,327
- 6	(40)	86.74	- 6	(134)	10,349
- 7	(47)	86.58	- 7	(156)	10,372
- 8	(54)	86.42	- 8	(178)	10,395
- 9	(60)	86.26	- 9	(201)	10,418
- 10	(67)	86.10	- 10	(223)	10,441

Weighting Factor: 0.010

Weighting Factor: 0.071

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 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	41	85.60	+ 10	245	9,930
+ 9	37	85.52	+ 9	221	9,953
+ 8	33	85.44	+ 8	196	9,976
+ 7	29	85.36	+ 7	172	10,000
+ 6	25	85.28	+ 6	147	10,023
+ 5	21	85.20	+ 5	123	10,046
+ 4	16	85.12	+ 4	98	10,069
+ 3	12	85.04	+ 3	74	10,092
+ 2	8	84.96	+ 2	49	10,116
+ 1	4	84.88	+ 1	25	10,139
				0	10,162
0	0	84.80	0	0	10,237
				0	10,312
- 1	(6)	84.69	- 1	(25)	10,335
- 2	(12)	84.58	- 2	(49)	10,358
- 3	(18)	84.47	- 3	(74)	10,382
- 4	(24)	84.36	- 4	(98)	10,405
- 5	(30)	84.25	- 5	(123)	10,428
- 6	(36)	84.14	- 6	(147)	10,451
- 7	(42)	84.03	- 7	(172)	10,474
- 8	(48)	83.92	- 8	(196)	10,498
- 9	(54)	83.81	- 9	(221)	10,521
- 10	(60)	83.70	- 10	(245)	10,544

Weighting Factor: 0.013

Weighting Factor: 0.078

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 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	73	89.80	+ 10	698	9,978
+ 9	66	89.36	+ 9	628	10,001
+ 8	58	88.92	+ 8	558	10,025
+ 7	51	88.48	+ 7	489	10,048
+ 6	44	88.04	+ 6	419	10,072
+ 5	37	87.60	+ 5	349	10,095
+ 4	29	87.16	+ 4	279	10,118
+ 3	22	86.72	+ 3	209	10,142
+ 2	15	86.28	+ 2	140	10,165
+ 1	7	85.84	+ 1	70	10,189
				0	10,212
0	0	85.40	0	0	10,287
				0	10,362
- 1	(15)	84.75	- 1	(70)	10,385
- 2	(30)	84.10	- 2	(140)	10,409
- 3	(45)	83.45	- 3	(209)	10,432
- 4	(60)	82.80	- 4	(279)	10,456
- 5	(76)	82.15	- 5	(349)	10,479
- 6	(91)	81.50	- 6	(419)	10,502
- 7	(106)	80.85	- 7	(489)	10,526
- 8	(121)	80.20	- 8	(558)	10,549
- 9	(136)	79.55	- 9	(628)	10,573
- 10	(151)	78.90	- 10	(698)	10,596

Weighting Factor: 0.023

Weighting Factor: 0.000

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 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	83	96.40	+ 10	811	9,625
+ 9	75	96.24	+ 9	730	9,647
+ 8	66	96.08	+ 8	649	9,670
+ 7	58	95.92	+ 7	568	9,692
+ 6	50	95.76	+ 6	487	9,714
+ 5	42	95.60	+ 5	406	9,737
+ 4	33	95.44	+ 4	324	9,759
+ 3	25	95.28	+ 3	243	9,781
+ 2	17	95.12	+ 2	162	9,803
+ 1	8	94.96	+ 1	81	9,826
				0	9,848
0	0	94.80	0	0	9,923
				0	9,998
- 1	(11)	94.57	- 1	(81)	10,020
- 2	(21)	94.34	- 2	(162)	10,043
- 3	(32)	94.11	- 3	(243)	10,065
- 4	(42)	93.88	- 4	(324)	10,087
- 5	(53)	93.65	- 5	(406)	10,110
- 6	(63)	93.42	- 6	(487)	10,132
- 7	(74)	93.19	- 7	(568)	10,154
- 8	(84)	92.96	- 8	(649)	10,176
- 9	(95)	92.73	- 9	(730)	10,199
- 10	(105)	92.50	- 10	(811)	10,221

Weighting Factor: 0.026

Weighting Factor: 0.000

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Actual Unit Performance Data

Gulf Power Company

Period of: October 1994 - March 1995

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Crist 6	97.7	-10.1	87.6
Crist 7	93.7	-5.6	88.1
Smith 1	99.5	-8.8	90.7
Smith 2	95.7	-8.8	86.9
Daniel 1	88.8	-2.8	86.0
Daniel 2	90.8	-2.6	88.2

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	Adjusted Actual BTU/KWH
Crist 6	10,892	-551	10,341
Crist 7	10,721	-611	10,110
Smith 1	10,298	-70	10,228
Smith 2	10,359	-56	10,303
Daniel 1	10,482	75	10,557
Daniel 2	10,194	-64	10,130

* 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: October 1994 - March 1995

CRIST 6	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1. EAF (%)	100.0	99.6	100.0	100.0	99.5	87.5	97.7
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	539.2	571.3	395.9	135.0	494.8	293.7	2429.9
4. RSH	205.8	146.4	348.1	609.0	177.2	357.1	1843.6
5. UH	0.0	2.3	0.0	0.0	0.0	93.2	95.5
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	2.3	0.0	0.0	0.0	0.0	2.3
8. MOH	0.0	0.0	0.0	0.0	0.0	93.2	93.2
9. PFOH	0.0	5.0	2.2	0.0	3.3	0.0	10.5
10. LR pf (MW)	0.0	53.0	33.0	0.0	297.0	0.0	125.5
11. PROK	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	947728	1028038	605113	201163	773228	463339	4018609
15. Net Gen (MWH)	87846	96586	55309	18483	69275	41447	368946
16. ANOHR (Btu/KWH)	10789	10644	10941	10884	11162	11179	10892
17. NOF %	51.4	53.3	46.1	43.2	44.2	44.5	47.9
18. NPC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	317.0
19. ANOHR Equation	$10^6 / \text{ANOH} * [258.07 + 42.81 * \text{JAN} + 27.33 * \text{MAY} + 39.91 * \text{JUN} - 49.15 * \text{OCT}] + 9,263$						

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GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

CRIST 7	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1. EAF (%)	75.7	92.8	96.5	100.0	99.2	98.4	93.7
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	421.0	163.4	386.6	691.1	394.9	675.8	2732.8
4. RSH	142.9	509.8	345.0	52.9	272.0	68.2	1390.8
5. UH	181.1	46.8	12.4	0.0	5.1	0.0	245.4
6. POH	181.1	0.0	0.0	0.0	0.0	0.0	181.1
7. FOH	0.0	7.7	12.4	0.0	5.1	0.0	25.2
8. MOH	0.0	39.1	0.0	0.0	0.0	0.0	39.1
9. PFOM	0.4	11.9	32.7	0.0	0.0	28.1	73.1
10. LR pf (MW)	158.9	226.0	210.5	0.0	0.0	208.7	212.0
11. PNOH	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	1434155	566604	1224376	1759829	1021826	1828034	7834824
15. Net Gen (MWH)	138288	54784	115996	161429	92608	167659	730764
16. ANOHR (Btu/KWH)	10371	10343	10555	10902	11034	10903	10721
17. NOF %	65.2	66.5	59.5	46.3	46.5	49.2	53.1
18. MPC (MW)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
19. ANOHR Equation	$10^{46} / \text{Akw} * [543.16 + 35.93 * \text{JAN} - 87.82 * \text{APR} + 74.81 * \text{JUL} + 74.03 * \text{AUG} + 69.45 * \text{NOV}]$ + 8.822						

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GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

SMITH 1	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1. EAF (%)	100.0	100.0	100.0	100.0	97.0	99.6	99.5
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	745.0	639.4	744.0	744.0	653.9	744.0	4270.3
4. RSH	0.0	80.6	0.0	0.0	0.0	0.0	80.6
5. UH	0.0	0.0	0.0	0.0	18.1	0.0	18.1
6. PON	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	0.0	0.0	0.0	18.1	0.0	18.1
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PFOH	0.0	0.0	1.5	0.3	9.8	11.7	23.3
10. LR pf (MW)	0.0	0.0	35.4	11.0	30.0	25.9	28.0
11. PHOH	0.0	0.0	0.0	0.0	0.0	5.8	5.8
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	29.0	29.0
13. NSC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
14. Oper MBtu	1044435	894335	1022897	1202300	994605	1197635	6356207
15. Net Gen (MWh)	101765	87357	98625	116337	96887	116287	617254
16. ANOHR (Btu/KWH)	10263	10238	10372	10335	10266	10299	10298
17. NOF %	84.8	84.9	82.3	97.1	92.0	97.1	89.8
18. MPC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
19. ANOHR Equation	$10^{16} / \text{ACW} = [121.85 + 15.34 * \text{OCT}]$ + 9,385						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

SMITH 2	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1. EAF (%)	100.0	99.6	99.9	99.8	97.6	77.4	95.7
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	745.0	720.0	261.1	715.7	617.9	575.8	3635.5
4. RSH	0.0	0.0	482.9	28.3	38.1	0.0	549.3
5. UH	0.0	0.0	0.0	0.0	16.0	168.2	184.2
6. PDH	0.0	0.0	0.0	0.0	0.0	168.2	168.2
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8. MOH	0.0	0.0	0.0	0.0	16.0	0.0	16.0
9. PFOM	0.0	4.1	5.6	2.0	0.9	4.5	17.1
10. LR pf (MW)	0.0	136.0	24.7	129.3	38.2	9.9	60.4
11. PHOM	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)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
14. Oper MBtu	1093142	1039661	363578	1325349	1053464	1025408	5900602
15. Net Gen (MWH)	104155	100891	34870	127974	101934	99784	569608
16. ANOHR (Btu/KWH)	10495	10305	10427	10356	10335	10276	10359
17. NOF %	73.2	73.4	69.9	93.6	86.4	90.7	82.0
18. NPC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
19. ANOHR Equation	$10^{16} / \text{Akw} * [348.89 + 21.31 * \text{MAR} - 19.32 * \text{MAY}] \\ + 5,115 + 0.01742 * \text{LSRF} / \text{Akw}$						

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GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

DANIEL 1	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1. EAF (%)	92.9	99.7	96.9	99.5	84.5	61.4	88.8
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	550.5	402.4	302.3	715.6	621.4	504.9	3097.1
4. RSH	147.0	317.6	404.0	28.4	0.0	0.0	897.0
5. UH	47.5	0.0	37.7	0.0	50.6	239.1	374.9
6. P0H	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. F0H	0.0	0.0	0.0	0.0	0.0	239.1	239.1
8. MOH	47.5	0.0	37.7	0.0	50.6	0.0	135.8
9. PFOH	13.2	13.9	0.5	17.1	243.8	295.5	584.0
10. LR pf (MW)	169.7	61.6	70.0	96.5	94.5	70.3	83.2
11. PFOH	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	430.0	430.0	430.0	430.0	430.0	430.0
14. Oper Mbtu	2096677	1565636	1260516	2435487	2290752	1894932	11544000
15. Net Gen (MWh)	200694	151680	121499	230903	216592	179912	1101280
16. ANOHR (Btu/KWh)	10447	10322	10375	10548	10576	10533	10482
17. NOF %	84.8	87.7	93.5	75.0	81.1	82.9	82.7
18. NPC (MW)	430.0	430.0	430.0	430.0	430.0	430.0	430.0
19. ANOHR Equation	$10^{-6} / \text{AOW} * [529.40 + 181.90 * \text{MAR} + 57.91 * \text{APR} + 124.94 * \text{MAY}]$ $+ 6,970 + 0.00445 * \text{LSRF} / \text{AOW}$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

DANIEL 2	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1. EAF (%)	86.9	99.5	99.1	99.2	97.1	63.8	90.8
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	313.3	418.6	744.0	429.5	672.0	536.0	3113.4
4. RSH	338.7	301.4	0.0	314.5	0.0	0.0	954.6
5. UH	93.0	0.0	0.0	0.0	0.0	208.0	301.0
6. P0H	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. F0H	0.0	0.0	0.0	0.0	0.0	63.6	63.6
8. M0H	93.0	0.0	0.0	0.0	0.0	144.4	237.4
9. PF0H	21.4	13.0	28.4	21.1	218.1	361.3	663.3
10. LR pf (MW)	90.6	113.3	101.6	124.0	38.2	73.0	65.8
11. PNOH	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	430.0	430.0	430.0	430.0	430.0	430.0
14. Oper Mbtu	1125987	1644937	3086238	1433539	2538154	2012296	11841151
15. Net Gen (MWh)	109869	162997	305866	138661	250137	194089	1161619
16. ANOHR (Btu/KWh)	10248	10092	10090	10338	10147	10368	10194
17. NOF %	81.6	90.6	95.6	75.1	86.6	84.2	86.8
18. MPC (MW)	430.0	430.0	430.0	430.0	430.0	430.0	430.0
19. ANOHR Equation	$10^6 / \text{Akw} = [268.25 + 43.09 * \text{JUN} + 66.40 * \text{SEP}] \\ + 9,264$						

Issued by: T. J. Boudon

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Order No.:

Planned Outage Schedules (Actual)

Period of: October 1994 - March 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.

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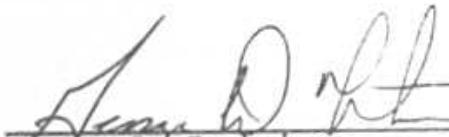
Filed: May 19, 1995
Suspended:
Effective: May 19, 1995
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Order No.:

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

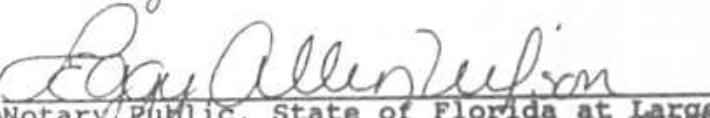
Docket No. 950001-EI

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 15 day of
May, 1995.



Peggy Allen Wilson
Notary Public, State of Florida at LARGO
PEGGY ALLEN WILSON
Commission Number: "Notary Public-State of Florida"
My Commission Expires July 29, 1997
Commission Expires: CC 303770