STEEL HECTOR

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Matthew M. Childs, P.A.

August 20, 1996

Ms. Blanca S. Bayó, Director Division of Records and Reporting Florida Public Service Commission 4075 Esplanade Way, Room 110 Tallahassee, FL 32399

ACK 2

RE: DOCKET NO. 960001-EI

- Dear Ms. Bayó:

Enclosed for filing please find the original and fifteen (15) copies of Florida Power & Light Company's Supplemental Testimony of Rosemary Morley.

(Baa)

- M

CPSULE WATTER PECONDS

Very truly yours,

Matthew M. Childs, P.A

MMC:ml

Enclosures

cc: All Parties of Record

DOCUMENT HIMPER-DATE

### CERTIFICATE OF SERVICE DOCKET NO. 960001-EI

\*\* Light Company's Supplemental Testimony of Rosemary Morely has been furnished by Hand Delivery, \*\* or U.S. Mail this 20th day of August, 1996, to the following:

Vicki D. Johnson, Esq.\*\* Division of Legal Services FPSC 2540 Shumard Oak Blvd. Rm.370 Tallahassee, FL 32399-0850

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Matthew M. Childs, P.A.



### BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

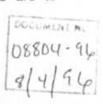
### FLORIDA POWER & LIGHT COMPANY

### SUPPLEMENTAL TESTIMONY OF ROSEMARY MORLEY

### **DOCKET NO. 960001-EI**

### August 20, 1996

1	Q.	Please state your name and address.
2	A.	My name is Rosemary Morley and my business address is 9250
3		West Flagler Street, Miami, Florida 33174.
4		
5	Q.	By whom are you employed and in what capacity?
6	Α.	I am employed by Florida Power & Light Company (FPL) as the
7		acting Manager of Rates and Tariff Administration, taking the place
8		of Barry T. Birkett who has left FPL.
9		
0	Q.	Have you previously testified in this docket?
1	Α.	Yes, I have.
2		
3	Q.	What is the purpose of your testimony?
4	A.	The purpose of my testimony is to revise the estimated/actual true-
5		up amount for April 1996 through September 1996 by including
6		actual data for June and July 1996. I have provided revised fuel
7		factors for the Company's rate schedules for the period October
Я		1996 through September 1997. These revised factors are to



replace those filed by Barry T. Birkett on June 24, 1996 and adopted by me on July 30, 1996.

3

- 4 Q. Have you prepared any schedules that reflect these revisions?
- 5 A. Yes. Attachment I contains the Fuel Cost Recovery schedules that 6 reflect these revisions and Attachment II contains Commission A-
- 7 Schedules for June and July 1996.

8

- 9 Q. Please explain the reasons for these revisions.
- The variance for June 1996 is \$23 million. This variance is due 10 A. 11 primarily to a \$14.8 million increase in Jurisdictional Fuel Costs and 12 a \$8.1 million decrease in Jurisdictional Fuel Revenues (see Attachment I, Page 3). The increase in Total Jurisdictional Fuel 13 Costs is primarily due to higher than projected use of heavy oil. 14 Heavy oil generation was 81.4% higher than projected. This 15 increase was caused by lower than projected generation from 16 nuclear (33.1%), natural gas (5%) and coal (7%) (see Schedule A3 17 for the month of June 1996 provided in Attachment II). The 18 decrease in Jurisdictional Fuel Revenues is due to an error in the 19 calculation of estimated revenues for June. The mid-course 20 correction factor for July 1996 was inadvertently used in this 21 22 calculation.

23

24

The variance for July 1996 is \$37 million. This variance is primarily

due to a 4.3% higher than projected Net Energy For Load causing more heavy oil to be burned (\$20.9 million), more purchased power to be utilized (\$6.8 million) and less power sold (\$6.7 million) (see Attachment I, Page 4). The unit cost of heavy oil was \$.27 per barrel lower than projected which slightly offset the heavy oil variance. Gas prices were \$.50 per MCF higher than projected resulting in a \$10.6 million variance that was offset by \$1.1 million because less gas than projected was used (see Schedule A3 for the month of July 1996 provided in Attachment II).

A.

Q. What is the total underrecovery included in the fuel factors for the period October 1996 through September 1997?

In the June 24, 1996 filing, FPL included a final true-up amount of \$17,175,052 for the period October 1995 through March 1996 and an estimated/actual true-up amount of \$88,480,000 for the period April 1996 through September 1996. This \$88,480,000 estimated/actual true-up amount was based on two months of actual data for April and May 1996 and four months of revised estimates for June through September 1996.

FPL now proposes to revise this estimated/actual true-up amount to include an additional \$60,555,547 underrecovery to reflect actual data for June and July 1996, therefore using four months of actual data for April through July 1996 and two months of estimated data

1	for August and September 1996. This results in an
2	estimated/actual true-up amount, including interest of \$149,035,547.
3	This estimated/actual underrecovery of \$149,035,547 for the April
4	through September 1996 plus the final true-up underrecovery of
5	\$17,157,052 for the October 1995 through September 1996 period
6	results in a total underrecovery of \$166,192,598 to be recovered in
7	the October 1996 through September 1997 period (Attachment I,
В	Pages 7 and 8).
_	

9

- 10 Q. What is the proposed revised levelized fuel factor for which the
  11 Company requests approval?
- 12 A. The proposed six-month levelized fuel factor is 2.204 ¢ per kWh, as
  13 shown on Schedule E1 (Attachment I, Page 5). Time of Use
  14 factors are provided on Schedule E1-D (Attachment I, Page 9) and
  15 Fuel Factors by Rate Class are provided on Schedule E1-E
  16 (Attachment I, Page 10).

17

- 18 Q. What will be the charge for a Residential customer using 1,000

  kWh effective October 1996?
- 20 A. The total residential bill, excluding taxes and franchise fees, for
  1,000 kWh will be \$78.82. The base bill for 1,000 kWh is \$47,46,
  22 the Fuel Cost Recovery charge from Schedule E1-E (Attachment I,
  23 Page 10) for a residential customer is \$22.09, the Conservation
  24 charge is \$2.09, the Capacity Cost Recovery charge is \$6.21, the

- 1 Environmental Cost Recovery charge is \$.17 and the Gross
- 2 Receipts Tax is \$.80. A Residential Bill Comparison (1,000 kWh)
- 3 is presented in Schedule E10 (Attachment I, Page 11).

4

- 5 Q. Does this conclude your testimony?
- 6 A. Yes, it does.

# ATTACHMENT I REVISED FUEL COST RECOVERY SCHEDULES

RM - 5 DOCKET NO 960001-EI FPL WITNESS: R. MORLEY EXHIBIT \_\_\_\_\_ PAGES 1-11 AUGUST 20, 1996

## ATTACHMENT I

### TABLE OF CONTENTS

SCHEDULES	PAGE(S)
June 1996 Variance	3
July 1996 Variance	4
Revised Schedule E1 Period Summary of Fuel & Purchased Power Costs and Levelized Fuel Factor	5
Revised Schedule E1-A Calculation of Total True-Up (Projected Period)	6
Revised Schedule E1-B Calculation of Estimated/Actual True-Up	7
Revised Schedule E1-B-1 Estimated/Actual vs. Original Projections	8
Revised Schedule E1-D Time of Use Rate Schedule	9
Revised Schedule E1-E Factors by Rate Group	10
Revised Schedule E10 Residential Bill Comparison	11

	June 1996 Fuel Variance			100	VILLIONS		
		Α	CTUAL	ES	TIMATE		\$ VAR
1	Heavy Oil	9	49.2	\$	26.3	\$	22.9
2	Coal	\$	8.6	\$	10.5	\$	(1.9)
3	Gas	\$	63.7	\$	65.7	\$	(2.0)
4	Nuclear	\$	5.5	3	8.1	\$	(2.6)
5	Total Cost of Generation	\$	127.1	\$	110.6	\$	16.5
6							
7	Fuel Cost of Power Sold	\$	(3.0)	\$	(1.7)	\$	(1.4)
8	Fuel Cost of Purchased Power	\$	10.4	\$	12.6	\$	(2.1)
9	Qualifying Facilities	\$	14.8	\$	9.9	\$	4.9
10	Economy Purchases	\$	4.9	\$	7.0	\$	(2.0)
11	Total Purchased Power Costs	\$	27.1	\$	27.7	\$	(0.7)
12							
13	Adjustments	\$	0.0	\$	1.0	\$	(0.9)
14	Total Fuel Costs	\$	154.2	\$	139.3	\$	14.9
15							
16	Jurisdictional Fuel Costs	\$	153.5	\$	138.7	\$	14.8
17							
18	Jurisdictional Fuel Revenues	\$	121.7	\$	129.9	\$	(8.1)
19							
20	Underrecovery	\$	(31.8)	\$	(8.8)	\$	(22.9)
21	Interest	\$	(0.7)	\$	(0.7)	¢	(0.0)
22	Total Underrecovery		(32.5)	\$	(9.5)	\$	(23.0)

July 1996 Fuel Variance				MILLIONS		
	Α	CTUAL	ES	TIMATE		\$ VAR
1 Heavy Oil	\$	65.3	\$	44.4	\$	20.9
2 Coal	\$	10.3	\$	9.9	\$	0.4
3 Gas	\$	72.0	\$	62.5	\$	9.5
4 Nuclear	\$	6.1	\$	7.8	\$	(1.7)
5 Total Cost of Generation		153.8	\$	124.6	\$	29.2
6						
7 Fuel Cost of Power Sold	\$	(2.4)	\$	(9.2)	\$	6.7
8 Fuel Cost of Purchased Power	\$	18.4	\$	11.6	\$	6.8
9 Qualifying Facilities	\$	11.6	\$	11.0	\$	0.7
10 Economy Purchases	\$	6.1	\$	7.9	\$	(1.8)
11 Total Cost of Purchased Power	\$	33.7	\$	21.3	\$	12.4
12						
13 Adjustments	\$	0.5	\$	1.0	\$	(0.5)
14 Total Fuel Costs	\$	188.0	\$	146.8	\$	41.2
15						
16 Jurisdictional Fuel Costs	\$	187.0	\$	146.2	\$	40.8
17						
18 Jurisdictional Fuel Revenues		138.1	\$	145.3	0	(7.2)
19						
20 Underrecovery	\$	(48.9)	\$	(0.9)	ŝ	(48.0)
21 Interest		(0.8)	\$	(0.6)	\$	(0.2)
22 Underrecovery plus interest	\$	(49.8)	\$	(1.6)	\$	(48.2)
23 July 1996 Unbilled Sales					\$	11.2
24 Total Underrecovery					\$	(37.0)

#### FLORIDA POWER & LIGHT COMPANY

## FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: OCTOBER 1996 - MARCH 1997 (b) (c) (a) ¢/KWH MWH DOLLARS 1.5488 Fuel Cost of System Net Generation (E3) \$469,497,540 30,317,375 0.0925 10,952,424 11,838,090 Nuclear Fuel Disposal Costs (E2) 0.0000 10,919,978 0 3 Fuel Related Transactions (E2) 2.1549 Fuel Cost of Sales to FKEC / CKW (9,852,205) (457, 194)4 1.6126 \$481,517,737 29,860,181 5 TOTAL COST OF GENERATED POWER 3,970,720 1.5437 Fuel Cost of Purchased Power (Exclusive of 61,297,950 6 Economy) (E7) Energy Cost of Sched C & X Econ Purch (Broker) (E9) 26,724,990 1,481,431 1.8040 10,461,930 482.228 2.1695 Energy Cost of Other Econ Purch (Non-Broker) (E9) 8 0 0 0.0000 Energy Cost of Sched E Economy Purch (E9) Q 0 0.0000 Capacity Cost of Sched E Economy Purchases 0 10 5,220,180 Mission Settlement 11 1.8979 2,968,817 Payments to Qualifying Facilities (E8) 56 346 004 12 TOTAL COST OF PURCHASED POWER \$160,051,054 8,903,196 1.7977 13 38,763,377 TOTAL AVAILABLE KWH (LINE 5 + LINE 12) 2.7056 (301,734)Fuel Cost of Economy Sales (E6) (8,163,695) 15 0.4452 (301,734)(1,343,394)Gain on Economy Sales (E6A) 0.3835 Fuel Cost of Unit Power Sales (SL2 Partpts) (E6) (1,007,000)(261, 225)17 0 0.0000 0 Fuel Cost of Other Power Sales (E6) 18 1.8676 (562,959) TOTAL FUEL COST AND GAINS OF POWER SALES (\$10,514,089) 19 0 0 Net Inadvertent Interchange 19a 35,200,418 1.6520 \$631,054,702 TOTAL FUEL & NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19) (0.4688)Net Unbilled Sales (21,171,129) \*\* (1,281,578) 21 1,893,164 \*\* 114,601 0.0051 Company Use 0.1112 41,018,556 \*\* 2,483,027 T & D Losses 23 1.7109 \$631,054,702 36,884,368 24 SYSTEM MWH SALES (Exci sales to FKEC / CKW) 1.7109 Wholesale MWH Sales (Excl sales to FKEC / CKW) \$2,017,545 117,922 25 1.7109 36,766,446 \$629,037,157 Jurisdictional MWH Sales 26 1.00071 Jurisdictional Loss Multiplier 1.7121 \$629,483,773 36,766,446 Jurisdictional MWH Sales Adjusted for 28 Line Losses **EST/ACT TRUE-UP** FINAL TRUE-UP 20 APRIL 96 - SEPT 96 OCT 95 - MAR 96 0.4520 \$149,035,547 166,192,598 36,766,446 \$17,157,052 underrecovery underrecovery 36,766,446 2.1641 3795,676,371 TOTAL JURISDICTIONAL FUEL COST 1.01609 Revenue Tax Factor 31 2.1989 Fuel Factor Adjusted for Taxes 32 \$1,947,105 36,766,446 0.0053 GPIF \*\*\* reward 2.2042 Fuel Factor including GPIF (Line 31 + Line 32) 34 2.204 FUEL FACTOR ROUNCED TO NEAREST .001 CENTS/KWH 35

For Informational Purposes Only

<sup>\*\*\*</sup> Calculation Based on Jurisdictional KWH Sales

### CALCULATION OF TOTAL TRUE-UP (PROJECTED PERIOD) FLORIDA POWER AND LIGHT COMPANY FOR THE PERIOD: OCTOBER 1996 THROUGH MARCH 1997

Estimated over/(under) recovery     (4 months actual, 2 months estimated period)     (Schedule E1-B)	\$ (149,035,547)
2. Final True-Up (6 months actual period)	\$ (17,157,052)
3.Total over/(under) recovery (Lines 1 + 2)  To be included in 6 month projected period (Schedule E1, Line 29)	\$ (166,192,599)
2. TOTAL JURISDICTIONAL SALES (MWH) (Projected period)	36,766,446
3. True-Up Factor (Lines 3/4) c/kWh:	(0.4520)

City of Key West (CKW)  (LEA, 997)  (A,500)  (A,500)  (B,500)  (B,500)  (B,500)  (B,700)  (B,	\$,923,311,957 \$,942,903,954 \$,942,903,954 \$,942,903,957 \$,942,193,957 \$,142,193,968 \$,142,	99.44749 % 99.44749 % 131,343,435 \$ (76,381,671) (75,211,346 \$ (131,712,146 \$ (131,712,146 \$ (131,676,330 \$ (154,152,446 \$ (15		99.43444 % 99.43444 % 99.43444 % 99.43444 % 99.43444 % 99.4344 % 99.4344 % 99.4344 % 99.4344 % 99.4344 % 99.4344 % 99.4344 % 99.4344 % 99.4344 % 99.4344 % 99.4344 % 99.4344 % 99.4344 % 99.4349 % 99.4344 % 9	\$ 172,587,633 \$ 172,587,633 \$ 154,680,771 \$ 154,680,771 \$ 153,623,148 \$ 153,623,148 \$ 1,129,643 \$ 2,129,643 \$ 2,129,643 \$ 1,129,643 \$ 1,129,643 \$ 1,129,643	7,434,257,30 38,118,271 7,48,253,271 7,48,253,271 7,48,253,271 7,48,253,271 8 172,587,633 9 155,682,311 8 155,682,311 8 155,682,311 8 155,682,311 8 155,682,311 8 155,682,311 8 155,682,311 8 155,682,311 8 155,682,312 16,382,314 16,382,314 16,382,314 16,382,314 16,382,314
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West (CXXW) (1,256,597) (1,256	\$,923,331,967 1,4275,347 1,427,964,954 99,75474 % 99,75474 % 99,75474 % 99,75474 % 99,75474 % 99,75474 % 99,75474 % 110,749,305 \$ 110,414,415 \$ 1 104,114,415 \$	111,111 (11,11	hand-industrial included in the contract of th	99.42444 % 99.42444 % 99.42444 % (16,280,971) (234,150) 234,152,000 3 128,112,000	\$ 154,746,863 \$ 172,587,633 \$ 154,746,863 \$ 172,587,633 \$ 172,587,633 \$ 172,587,633 \$ 173,582,671) \$ 134,1850 \$ 134,1850 \$ 134,1850 \$ 134,1850 \$ 134,1850 \$ 134,185,872,811 \$ 134,446,711	7,192,072,996 7,454,237,30 7355,785,000 41,615,612 36,114,271 36,114,271 7,231,662,518 7,484,353,271 2,391,781,271 99,42444 % 99,51737 % 99,50471 % 99,42444 % 99,51737 % 99,50471 % 199,42444 % 99,51737 % 99,50471 % 199,42444 % 99,51737 % 99,50471 % 199,42444 % 99,51737 % 99,50471 % 199,42444 % 99,51737 % 99,50471 % 199,42444 % 99,51727 % 99,50471 % 199,42444 % 99,51727 % 99,50471 % 199,42444 % 99,51727 % 99,50471 % 199,42444 % 99,51727 % 99,50471 % 199,42444 % 99,51727 % 99,50471 % 197,170,651 % 199,42444 % 99,51727 % 99,50471 % 197,170,651 % 199,42444 % 99,51727 % 99,50471 % 197,170,651 % 199,42444 % 99,51727 % 99,50471 % 197,170,651 % 199,42444 % 99,51727 % 99,50471 % 197,170,651 % 199,42444 % 99,51727 % 99,50471 % 197,170,651 % 199,42444 % 99,51727 % 99,50471 % 197,170,651 % 199,42444 % 99,51727 % 99,50471 % 197,170,651 % 199,42444 % 99,51727 % 199,50471 % 197,170,651 % 199,42444 % 99,51727 % 199,50471 % 197,170,651 % 199,42444 % 199,4247 % 199,51727 % 199,50471 % 197,170,651 %
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\$ (18,360,371) \$ (18,360,371) \$ (18,360,371) \$ (18,360,371) \$ (18,360,371) \$ (18,360,371) \$ (18,360,371) \$ (18,360,371)	\$,928,331,967 1,4375,347 \$,942,966,954 99.75474 % 99.75474 % 99.75474 % 99.75474 % 99.75474 %	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Interchange imminuminum interchanter Company	\$ 154,746,863 (16,280,971) (16,280,971) (18,280,971) (18,280,971)	3,333,662,518 5,486,353,371 % 99,43644 % 99,51737 % 99,43644 % 99,51737 % 1 154,746,863 \$ 172,587,633 (16,280,671) (16,280,671) 0,34,150) (354,150)	7,192,072,995 7,454,237,30 7355,755,000 41,615,612 36,116,271 36,116,271 7,333,662,511 7,464,353,271 7,391,791,791 99,42444 % 99,51751 % 99,59471 % 99,42444 % 99,51751 % 99,59471 % 154,744,863 \$ 172,587,633 \$ 157,170,651 (14,380,671) (16,380,671) (16,380,671) (34,150) (354,150) (354,150)
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1 110,000,114 S (4,000)  (4,000)  (4,000)  (4,000)  (121,725  (4,000)  (121,726  (4,000)  (4,	\$,928,331,967 14,575,347 3,942,966,954 99,75474 %	20,400 20,400 20,400	refraeering to the first production of the second s	3,211,002,311 99,4244 %	9,331,662,311 9,482,353,371 99,4344 % 99,51237 % 99,444,863 \$ 172,587,633	7,192,072,996 7,454,237,30 7355,755,000 41,615,612 36,114,271 36,114,271 7,233,662,518 7,464,353,271 7,391,791,791 99,42444 % 99,51737 % 99,59471 % 99,42444 % 99,51737 % 99,59471 %
3 111,000,000,000,000,000,000,000,000,000	\$,921,331,567 \$,942,804,854 \$,942,804,854	20,404	9 (239	97.42464 99.42464	7,231,492,518 7,482,35 97,4344 % 91,517	7.197.071,900 7.434,537.30 41,419,612 36,114,271 7.311,602,511 7.48,353,371 99.43444 % 99.51757 %
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3,852,915	3,643,369	4,940,055	55		6,085,589	6,095,580 9,982,330 9,712,340
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112/11/11		10,419,139	90		11,423,795	18,423,795 10,238,100
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POA TIGHT	POR THE PERSON APRIL THROUGH SEPTEMBER 1996	E HENOR	STEMBER OF	MAI WHENCELL	PTEMBER 1996	PTEMBER 1996
UNAMOO	COMPANY FLORIDA POWER & LIGHT COMPANY	DECL 4 ES	COL	COMPANY	COMPANY	

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÷	-	-	FOR THE PERIOD APRIL	TH	ROUGH SEPTEM	MBER 1996			
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11	INE	-			ESTIMATED/	ORIGINAL		VARIANO	
	IO.	-		1	ACTUAL	PROJECTIONS (a)		AMOUNT	%
Ť			Fuel Cost of System Net Generation	S	738,295,159		5	173,457,369	30.7
+			Nuclear Fuel Disposal Costs	+	9,494,835	9,868,296	-	(373,461)	(3.8)
+			Coal Cars Depreciation & Return	+	2,484,843	2,593,692		(108,849)	(4.2)
+			Gas Pipelines Depreciation & Return	+-	1,835,691	1,830,741	$\vdash$	4,950	0.3
+			DOE Decontamination & Decommissioning Fund Payment	+	0	0	-	0	N/A
+	2	_	Fuel Cost of Power Sold	+	(21,996,751)	(18,849,433)		(3,147,318)	16.7
+			Fuel Cost of Purchased Power	+	76,342,258	92,551,680	-	(16,209,422)	(17.5)
+			Energy Payments to Qualifying Facilities	+-	66,820,049	56,153,965	-	10,666,084	19.0
+	4		Energy Cost of Economy Purchases	+	38,226,498	37,880,270		346,228	0.9
+	5	_	Total Fuel Costs & Net Power Transactions	S	911,502,582	and the second s	\$	164,635,581	22.0
+	6	_	Adjustments to Fuel Cost:	۰	711,500,500				
+	0		Sales to Fla Keys Elect Coop (FKEC) & City of Key West (CKW)	Ś	(10,841,861)	\$ (10,059,440)	\$	(782,421)	7.8
+	-		Inventory Adjustments	+	27,735	0	-	27,735	N/A
+	-		Non Recoverable Oil/Tank Bottoms	+-	227,918	0		227,918	N/A
+	-		Modifications to Generating Units	+	0	0		0	N/A
+	7		Adjusted Total Fuel Costs & Net Power Transactions	1	900,916,374	\$ 736,807,561	3	164,108,813	22.3
+			Adjusted Total Puci Costs & Net Power transactions	-	700,710,374	130,001,001	-	-	
1	_			⊢	40.042.249.192	40,889,121,000	-	(846,862,828)	(2.1)
1	1	_	Jurisdictional kWh Sales	$\vdash$	40,042,258,172		-	the state of the same and the same and the same	(6.9)
1	2		Sale for Resale	-	195,679,294	210,105,000	-	(14,425,706)	
4	3		Total Sales (Excluding RTP Incremental)	-	40,237,937,466	41,099,226,000	-	(861,288,534) N/A	(2.1) 1 N/A
1	4		Jurisdictional Sales % of Total kWh Sales (Line B-6)	-	N/A	N/A	-	N/A	NA
+	_		I I I I I I I I I I I I I I I I I I I	2	943 333 401	\$ 831,238,082		20,999,609	2.5
1	1		Jurisdictional Fuel Revenues (Net of Revenue Taxes)	3	852,237,691 (97,684,026)	(97,684,026)	*	20,777,007	0.0
+			Prior Period True-up Provision	-	(2,124,901)	(2,124,901)	⊢	0	0.0
+			Generation Performance Incentive Factor Net (b)	-	4,084	(2,124,501)	-	4,084	N/A
+	_	c	Oil Backout Revenues, Net of revenue Taxes Jurisdictional Fuel Revenues Applicable to Period	2	752,432,848	The second secon	-	21,003,693	2.9
1	3			-	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWIND TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN	THE RESERVE THE PARTY OF THE PA		THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IN COLUMN	
L			Adjusted Total Fuel Costs & Net Power Transactions (Line A-7)	\$	900,916,374	And the second s	2	164,108,813	22.3 N/A
1			Nuclear Fuel Expense - 100% Retail	-	94,589	0	-	94,589	
1		7.1	RTP Incremental Fuel -100% Retail	-	68,689	0	_	68,689	N/A
1			D&D Fund Payments -100% Retail (Line A 1 e)	_	0	0	_	0	N/A
1		¢	Adj. Total Fuel Costs & Net Power Transactions - Excluding 100% Retail		900,753,096	736,807,561		163,945,535	22.3
L			Items (D4a-D4b-D4c-D4d)	_			L		20.0
	6		Jurisdictional Total Fuel Costs & Net Power Transactions	3	897,165,246	\$ 731,429,155	5	165,736,091	22.7
Т	7		True-up Provision for the Period- Over/(Under) Recovery (Line D3 - Line						
			D6)	5	(144,732,399)	\$ (0)	5	(144,732,399)	N/A
Ι	8		Interest Provision for the Month		(4,303,148)			(4,303,148)	N/A
T	9		True-up & Interest Provision Beg. of Period - Over/(Under) Recovery		(97,684,026)	(97,684,026)		0	0.0
T			Deferred True-up Beginning of Period - Over/(Under) Recovery		(17,157,052)	0		(17,157,052)	N/
T	10		Prior Period True-up Collected/(Refunded) This Period		97,684,026	97,684,026		0	0.0
	11		End of Period Net True-up Amount Over/(Under) Recovery (Lines D7 through D10)	s	(166,192,598)	\$ (0)	s	(166,192,598)	N/A
F	_		(a) Per Schedulc E-2, filed January 22, 1996.	-					
1	_						_		
	- 1		(b) Generation Performance Incentive Factor Reward (Per Order No.	PSC	THE MARK BYAN B	Th.			

### FLORIDA POWER & LIGHT COMPANY

# DETERMINATION OF FUEL RECOVERY FACTOR TIME OF USE RATE SCHEDULES

OCTOBER 1996 - MARCH 1997

NET	ENERGY	FOR I	LOAD (	(%)
-----	--------	-------	--------	-----

		FUEL COST (%)
ON PEAK	28.00	30.20
OFF PEAK	72.00	69.80
	100.00	100.00

### FUEL RECOVERY CALCULATION

		TOTAL	ON-PEAK	OFF-PEAK
1	TOTAL FUEL & NET POWER TRA	NS \$631,054,702	\$190,578,520	\$440,476,182
2	MWH SALES	36,884,367	10,327,623	26,556,744
3	COST PER KWH SOLD	1.7109	1.8453	1.6586
4	JURISDICTIONAL LOSS FACTOR	1.00071	1.00071	1.00071
5	JURISDICTIONAL FUEL FACTOR	1.7121	1,8466	1.6598
6	TRUE-UP	0.4520	0.4520	0.4520
7				
8	TOTAL	2.1641	2.2986	2.1118
9	REVENUE TAX FACTOR	1.01609	1.01609	1.01609
10	RECOVERY FACTOR	2.1989	2.3356	2.1458
11	GPIF	0.0053	0.0053	0.0053
12	RECOVERY FACTOR including GI	PIF 2.2042	2.3409	2.1511
13	- BL (1985) - 12 12 12 12 12 12 12 12 12 12 12 12 12	2.204	2.341	2.151
	HOURS: ON-PEAK	23.30	%	
	OFF-PEAK	76.70	V-01	

### FLORIDA POWER & LIGHT COMPANY

SCHEDULE E - 1E

# FUEL RECOVERY FACTORS - BY RATE GROUP (ADJUSTED FOR LINE/TRANSFORMATION LOSSES)

### OCTOBER 1996 - MARCH 1997

(1)	(2) RATE SCHEDULE	(3) AVERAGE FACTOR	(4) FUEL RECOVERY LOSS MULTIPLIER	(5) FUEL RECOVERY FACTOR
GROUP	SCHEDULE	PACTOR	LOSS MOLTIFLIER	TACTOR
Α	RS-1, GS-1, SL-2	2.204	1.00201	2.209
A-1*	SL-1, OL-1	2.181	1.00201	2.185
В	GSD-1	2.204	1.00200	2.209
С	GSLD-1 & CS-1	2.204	1.00173	2.208
D	GSLD-2, CS-2, OS-2 & MET	2.204	0.99640	2.196
E	GSLD-3 & CS-3	2.204	0.96159	2.120
Α	RST-1, GST-1 ON-PEAK	2.341	1.00201	2,346
	OFF-PEAK	2.151	1.00201	2.155
В	GSDT-1 ON-PEAK	2.341	1.00200	2.346
	CILC-1(G) OFF-PEAK	2.151	1.00200	2.155
С	GSLDT-1 & ON-PEAK	2.341	1.00173	2.345
	CST-1 OFF-PEAK	2.151	1.00173	2.155
D	GSLDT-2 & ON-PEAK	2.341	0.99640	2.332
	CST-2 OFF-PEAK	2.151	0.99640	2.143
Е	GSLDT-3,CST-3, ON-PEAK	2.341	0.96159	2.251
_	CILC -1(T) OFF-PEAK & ISST-1(T)	2.151	0.96159	2.068
F	CILC -1(D) & ON-PEAK	2.341	0.99814	2.337
	ISST-1(D) OFF-PEAK	2.151	0.99814	2.147

WEIGHTED AVERAGE 16% ON-PEAK AND 84% OFF-PEAK

### COMPANY: FLORIDA POWER & LIGHT COMPANY

			DIFFE	DIFFERENCE			
	JULY 96 - SEPT 96	OCT 96 - MARCH 97	<u>\$</u>	25			
BASE	\$47.46	\$47.46	0.00	0.00%			
FUEL	\$22.05	\$22.09	0.04	0.18%			
CONSERVATION	\$2.09	\$2.09	0.00	0.00%			
CAPACITY PAYMENT	\$4.42	\$6.21	1.79	40.50%			
ENVIRONMENTAL	\$0.15	\$0.17	0.02	13.33%			
SUBTOTAL	\$76.17	\$78.02	1.85	2.43%			
GROSS RECEIPTS TAX	\$0.78	\$0.80	0.02	2.56%			
TOTAL	\$76.95	\$78.82	\$1.87	2.43%			

# ATTACHMENT II COMMISSION A3 SCHEDULES JUNE AND JULY 1996

RM - 6
DOCKET NO 960001-EI
FPL WITNESS: R. MORLEY
EXHIBIT \_\_\_\_\_
PAGES
AUGUST 20, 1996

### GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE MONTH OF: JUNE 1996

	CURRENT MONTH				PERIOD TO DATE	T Present and the second		
		Demark Comm	DIFFER	-		COTAL STO	DIFFERE	-
FUEL COST OF SYSTEM NET GENERATION (5)	ACTUAL	ESTIMATED	AMOUNT	- 55	ACTUAL	ESTIMATED	AMOUNT	- %
HEAVY OIL	49,237,772	26,301,880	22,935,892	87.2	104,601,270	81,645,378	22,935,892	
LIGHT OIL	63,656	12,450	51,206	NA	175,983	124,777	51,206	
COAL	8,577,574		(1,877,066)	(11.0)	27,633,963	29,511,030	(1,877,067)	
* GAS	63,740,887	65,741,820	(2,000,933)	(3.0)	190,673,588	192,674,521	(2,000,933)	
NUCLEAR	5,529,651	8,174,390	(2,594,739)	(31.9)	20,492,627	23,087,366	(2,594,739)	
DRIMULSION	0	. 0	0	0.0	0	0	0	
		*********	50 010 000	110		202 042 022	74 41 4 40	_
TOTAL (\$)	127,149,539	110,635,180	16,514,359	14.9	343,577,432	327,063,072	16,514,360	
SYSTEM NET GENERATION (MWH)	1,744,344	961,810	7#2,534	11.4	3,654,685	2,872,151	782,534	
JEAVY OIL JOHT OIL	948	199	749	NA.	2,988	2,238	750	
COAL	576,506	620,169	(43,663)	(7.0)	1,677,757	1,721,420	(43,663)	
IAS	2,499,973	2,632,400	(132,427)	(5.0)	7,148,060	7,280,487	(132,427)	
IXXLEAR	1,360,510	2,032,936	(672,426)	(33.1)	4,697,260	5,369,686	(672,426)	
RIMULSION	0	0	0	0.0	0	0	0	
	-17.							
OTAL (MWH)	6,182,281	6,247,514	(65,233)	(1.9)	17,180,750	17,245,982	(65,232)	
NITS OF FUEL BURNED			16: 17/		The state of the s	T		
HEAVY OIL (BbI)	2,767,722	1,464,621	1,303,101	89.0	5,800,543	4,497,442	1,303,101	
LIGHT OIL (BbI)	2,316	447	1,869	NA	6,439	4,570	1,869	
** COAL (TON)	66,419	66,966	(477)	(0.7)	180,118	180,595	(477)	
* GAS (MCF)	22,328,581	22,909,646	(581,065)	(2.5)	62,979,556	63,560,621	(581,065)	
UCLEAR (MMBTU)	15,255,264	22,188,086	(6,932,822)	(31.2)	52,112,215	59,045,037	(6,932,822)	
RIMULSION (TON)	0	0	0	0.0	0	0	- 6	
		NAME OF TAXABLE PARTY.	-	-	distance of the last	-		
TU BURNED (MMBTU)		4 7 1 1 1 1	22777		1000000	44 242 277	4.477.272	
EAVY OIL	17,637,582	9,373,573	8,264,009	88.2	36,956,620	28,692,611	8,264,009	
IGHT OIL	13,501	2,608	10,893	NA (18.2)	37,375	25,482	10,893	
OAL.	5,125,229	6,269,006	(1,143,777)	(18.2)	16,324,215	17,467,992	(1,143,7771	
AS	22,328,581	22,909,646	(581,065)	(2.5)	62,979,556	63,560,621	(581,065)	
RIMULSION	15,255,264	22,188,086	(6,932,822)	(31.2)	52,112,215	59,045,037	(6,937,827)	
RUMULGIUN	0	- 0	0	0.0	0			_
OTAL (MMBTU)	60,360,157	60,742,919	(382,762)	(0.6)	168,409,981	168,792,743	(312,762)	
ENERATION MIX (%MWII)	PARTYLL!	weekle water and	T T	1	ARCHITECTURE AND		M. 191,384	
EAVY OIL	28.22	15.40	12.52	83.2	21.27	16.65	4.62	
IGHT OIL	0.02	0.00	0.02	NA	0.02	0.01	0.01	
OAL	9.33	9.93	(0.60)	(6.0)	9.77	9.98	(0.21)	
AS	40.44	42.14	(1.70]	(4.0)	41.61	42.22	(0.61)	
UCLEAR	22.01	32.54	(10.53)	(32.4)	27.34	31.14	(3.80)	
RIMULSION	0.00	0.00	0.00	0.0	0.00	0.00	0.00	
		10000			122.22	70000		
OTAL (%)	190.00	100,001	0.00	0.0	100.00	100,001	0.00	-
UEL COST PER UNIT	17,7900	17.9581	40.1441	70 F1	18.0330	18.1582	45 1242	
HEAVY OIL (\$/861)	27.4853	27.8523	(0.1681)	(1.3)	27.3308	27.3035	0.0273	
LIGHT OIL (\$/Bbl)	40,8592	40.0858	0.7724	1.9	42.0050	41.7156	0.2894	
** COAL (\$/TON)	2.8547	2.8696	(0.0149]	(0.5)	3.0275	3.0314	(0.0039)	
GAS (\$/MCF) UCLEAR (\$/MMBTU)	0.3625	0.3662	(0.0037)	(1.0)	0.3932	0.3910	0.0022	
RIMULSION (\$/TON)	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	
THE PARTY OF THE P	2,114	120120						
UEL COST PER MMBTU (DMMBTU)						Ť	i	
HEAVY OIL	2.7916	2.8060	(0.0144)	(0.5)	2.8304	2.8462	(0.0158)	
LIGHT OIL	4,7149	4.7738	(0.0589)	(1.2)	4,7086	4.7118	(0.0032)	
OAL	1.6736	1.6677	0.0059	0.4	1.6928	1.6894	0.0034	
GA5	2.8547	2.8696	(0.0149)	(0.5)	3.0275	3.0314	(0.0039)	
UCLEAR	0.3425	0.3662	(0.0037)	(1.0)	0.3932	0.3910	0.0022	
RIMULSION	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	
27.1 of \$ 11.10.715	2 10/4		0.2551	16.7	20400	10177	0.1074	
OTAL (\$-MMBTU) TU BURNED PER KWH (BTU/KWH)	2,1065	1.82141	0.2851	15.7	2.0401	1.9377	0.1024	_
EAVY OIL	10,111	9,746	365	3.7	10,112	9,990	122	
GHT OIL	14,236	13,106	1,130	8.6	12,509	11,833	676	
OAL.	8,890	10,109	(1,219)	(12.1)	9,730	10,147	(417)	
AS	8,932	8,703	229	2.6	8,811	\$,730	81	
UCLEAR	11,213	10,914	299	2.7	11,094	10,995	91	
RIMULSION	0	0	0	0.0	0	0	0	
AND THE RESERVE OF THE PERSON								
OTAL (BTU/KWH)	9,763	9,723	40	0.4	9,802	9,787	15	
ENERATED FUEL COST PER KWII (L/KWII)					-			
HEAVY OIL	2.8227	2.7346	0.0681	3.2	2.8621	2.8434	0.0187	
LIGHT OIL	6.7119	6.2563	0.4556	7.3	5.8902	5.5754	0.3148	
OAL.	1,4879	1.6858	(0.1979)	(11.7)	1.6471	1.7143	(0.0672)	
GAS	2.5497	2.4974	0.0523	2.1	2.6675	2.6465	0.6710	
UCLEAR	0.4064	0.0000	0.0000	0.0	0.4363	0.4300	0.0063	
RIMULSION	0.0000							

\* Distillate & Propose (Bbls & S) used for firing, bot standby, ignition, prewarming, etc. in Foseil Steam Plants is included in Heavy Oil and Light Oil. Values may not agree with Schedule A5.

\*\* Includes gas used for Foseil Steam Plants start-up. Estimated values may not agree with Schedule A5.

\*\*\* Scherer coal is reported in HMSTUs only. Scherer coal is not included in TONS.

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### GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE

#### MONTH OF: JULY 1996

		CURRENT 14	and the same of th			MERIOD TO DATE	designation to a	Charle Control
	DEFERENCE				DIFFERENCE			
	ACTUAL	ESTEMATED	AMOUNT	96	ACTUAL	ESTIMATED	TALXMA	- %
UEL COST OF SYSTEM NET GENERATION (5)	22.500.000	17 202 500	20.004.632	42.0	140 000 400	124 ARE 108	43,870,424	_
HEAVY Off.	65,327,352	44,392,820	20,934,532	47.2	169,928,622	126,058,198	and the second second second second second	-
LIGHT OIL	211,585	79,800	131,785	165.1	387,568	204,577	182,991	_
DAL.	10,347,889	9,932,920	414,969	4.2	37,961,853	39,443,950	(1,462,097)	
OAS	72,034,862	62,495,240	9,539,622	15.3	262,708,450	255,169,761	7,538,689	
UCLEAR	6,062,789	7,770,780	(1,707,991)	(22.0)	26,555,416	30,858,146	(4,302,730)	
RIMULSION	0	0	0	0.0	0	0	0	
tabel in the second sec								
OTAL (E)	153,984,477	124,671,560	29,312,917	23.5	497,561,909	451,734.632	45,877,277	
YSTEM NET GENERATION (MWII)	A E S P C C S C C C	The second second	1					
EAVY Off.	2,397,964	1,682,418	715,546	42.5	6,052,649	4,554,569	1,498,080	
		A STATE OF THE PARTY OF THE PAR	1,076	84.2	5,343	3,517	1,826	
IGHT OIL	2,355	1,279			2,273,830	2,310,887	(37,057)	
OAL	596,073	589,467	6,606	1.1	Commence of the Commence of th	The second secon		
AS	2,321,898	2,462,188	(140,290)	(5.7)	9,469,958	9,742,675	(272,717)	
UCLEAR	1,433,690	The second secon	(533,668)	(27.1)	6,130,950	7,337,044	(1,206,094)	
RIMULSION	0	0	0	0.0	0	0	0	
OTAL (MWH)	6,751,980	6,702,710	49,270	0.7	23,932,730	23,948,692	(15,962)	
NITS OF FUEL BURNED	-	T	The second second	-	The state of the s	The second secon	T	
The state of the s	3,792,890	2,537,034	1,255,856	49.5	9,593,433	7,034,476	2,558,957	
HEAVY OIL (Bbl)	7,553	A CONTRACTOR OF THE PARTY	4,685	163.4	13,992	7,438	6,154	
LIGHT Off. (Bbl)	And in case of the contract of			12.0	252,379	245,091	7,288	
** COAL (TON)	72,261	64,496	7,765		84,033,307	84,977,847	(944,540)	
* OAS (MCF)	21,053,751	21,417,226	(363,475)	(1.7)	Commence of Substitution of the	the same of the sa	(12,292,774)	
UCLEAR (MMBTU)	16,112,388	A STATE OF THE PARTY OF THE PAR	(5,359,952)	(25.0)	68,224,603	80,517,377		
RIMULISION (TON)	0	0	0	0.0	0	0	0	
						-		
TU BURNED (MMBTU)								
EAVY OIL	24,046,140	16,237,015	7,809,125	48.1	61,002,760	44,929,626	16,073,134	
OHT OIL	43,604	Annual Control of Street	26,886	160.8	80,979	43,200	37,779	
	5,923,292	A STATE OF THE PARTY OF THE PAR	(33,384)	(0.6)	22,247,507	23,424,668	(1,177,161)	-
DAL	THE RESERVE AND PARTY OF A PROPERTY OF THE PARTY OF THE P	SHOW AND DOMESTIC	(363,475)	(1.7)	84,033,307	84,977,847	(944,540)	
AS	21,053,751	21,417,226		ASSESSMENT OF THE PARTY OF THE	and the same of th	80,517,37	(12,292,774)	
UCLEAR	16,112,388	and the second second	(5,359,952)	(25.0)	68,224,603		0	
RIMULSION:	0	0	0	0.0	0	0	- 0	
OTAL (MMBTU)	67,179,175	65,099,975	2,079,200	3.2	235,589,156	233,892,718	1,696,438	
ENERATION MIX (%MWH)								
EAVY Off.	35.51	25.10	10.41	41.5	25.29	19.02	6.27	
JOHT OIL	0.03	0.02	0.01	50.0	0.02	0.01	0.01	
OAL.	8.83	1.79	0.04	0.5	9.50	9.65	(0.15)	
AS	34.39	the second second	(2.34)	(6.4)	39.57	40.68	(1.11)	
RICLEAR	21.23	-	(8.12)	(27.7)	25.62	30.64	(5.02)	
RIMILISION	0.00	The second second	Annual Control of the	0.0	0.00	0.00	0.00	
RUMULZIKAT			0.00					
	100.00	100.00	0.00	0.0	100.00	100.00	0.00	
OTAL (%)	100.00	1300,000	4,00	27	199,591	TANKS AT	1	
UEL COST PER UNIT	15.500		15.05.00	707.00	12.5150	12 0204	(0.30211	
HEAVY OIL (MBH)	17.2236	The second second second	The second second second	(1.6)	17,7130	17.9201	(0.2071)	_
LIGHT Off. (I/BM)	28.0134		0.1891	0.7	27,6993	27,5043	0.1950	
** COAL (I/TON)	41.6015		1.6969	4.3	41.8895	41.2390	0.6505	
* OAS (MMCF)	3.4215	2.9180		17.3	3.1262	3.0028	0.1234	
UCLEAR (\$566/BTU)	0.3763	0.3619	0.0144	4.0	0.3892	0.3832	0.0060	
RIMULSION (I/TON)	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	
UEL COST PER MMBTU (MMMBTU)		1						
HIAVY OIL	2.7168	2.7341	(0.01731	(0.6)	2.7856	2.8057	(0.0201)	
LIGHT OIL	4.8524			1.7	4.7860	4.7356	0.0504	
OAL	1,7470			4.8	1.7072	1.6839	0.0233	
* OAS	3.4215	Accessed to the second	The second second second second second	17.3	3.1262	3.0028	0.1234	
	0.3763		The second secon	4.0	0.3892	0.3832	0.0050	
TUCLEAR	The second secon	A House and the Park of the		0.0	0.0000	0.0000	0.0000	
RIMULISION	0.0000	0.0000	0.0000	0.0	2,000	0.000		
		1 01 11	2 4242	10.0	21151	1.0114	0.1806	
OTAL (\$2-0-GPTU)	2.2921	1.9151	0.3770	19.7	2.1120	1.9314	6.1F/K	-
TU BURNED PER KWH (BTU/KWH)		-			17.75	2.444	314	-
EAVY Off.	10,028		377	3.9	10,079	9,865	214	
IOHT OIL	18,512	A CONTRACTOR OF STREET	5,441	41.6	15,156	12,283	2,873	
OAL.	9,937			(1.7)	9,784	10,137	(353)	
AS	9,067			4.2	8,874	8,722	152	
UCLEAR	11,234	10,914	324	3.0	11.128	10,974	154	
RIMULSION	0		0	0.0	0	0	0	
				- 0.00				
OTAL OTUKWID	9,950	9,712	230	2.5	9,844	9,766	79	
ENERATED FUEL COST PER KWII (MKWH)	1	1						
HEAVY OIL	2,7243	2.6386	0.0857	3.2	2.8075	2.7677	0.0398	
LIGHT OIL	8.9020	- Park the first	Commence of the last of the la	44.0	7.2336	5.8168	1.4368	
	1.7360	Annual Company of the Parket o	0.0509	3.0	1.6704	1.7069	(0.0365)	
DAL	3.1024	And the second second second	A STATE OF THE PARTY OF THE PAR	22.2	2.7141	2.6191	0.1550	
	3.1024	A CONTRACTOR OF THE PARTY OF TH		7.1	0.4331	0.4206	0.0125	
and the state of t	0.400	0.0000						
RAHLEAR	0.4229			Annual Contract of the Contrac			0.0000	
ILAD * RASLEAR WORLT MARK	0.4229 0.0000	A commence of the control of the con		0.0	0.0000	0.0000	0.0000	

<sup>\*</sup> Datalists & Propose (Bible & S) used for firing, but standby, ignation, prevenuing, etc. as Fossi Stanus Plants is ancluded in Heavy Oil and Light Oil. Values may not agree with Schedule AS.

\*\*\* Scherer one is rep-wied in McMITU's only. Scherer one is not included in TONS.

### CERTIFICATE OF SERVICE DOCKET NO. 960001-EI

I HEREBY CERTIFY that a true and correct copy of Florida Power & Light Company's Supplemental Testimony of Rosemary Morely has been furnished by Hand Delivery, \*\* or U.S. Mail this 20th day of August, 1996, to the following:

Vicki D. Johnson, Esq.\*\*
Division of Legal Services
FPSC
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