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August 12, 1998

Ms. Blanca S. Bayo  
Florida Public Service Commission  
Director, Division of Records and Reporting  
2540 Shumard Oak Blvd.  
Tallahassee, Florida 32399-0850

Re: Ten Year Site Plan Filing

Dear Ms. Bayo:

Enclosed for filing please find the original and twenty-five (25) copies of some revised pages to Florida Power & Light Company's Ten Year Power Plant Site Plan, originally filed on March 23, 1998. On May 22, 1998, FPL filed revisions to the Ten Year Site Plan filing and its Appendix. FPL has now realized the Ten Year Site Plan summary pages should also have been revised. Enclosed are the revised summary pages. We regret any inconvenience that may result from these revisions.

If you have any questions, please do not hesitate to contact me at (305) 552-3643

Sincerely,

Samuel S. Waters  
Director, Regulatory Affairs

CC: Bob Elias, Esq

- ACK \_\_\_\_\_
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an FPL Group company

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REGULATORY REPORTING

## Executive Summary

Florida Power & Light Company's (FPL) 1998 Ten Year Power Plant Site Plan primarily addresses how FPL currently plans to meet its projected incremental resource needs for the 1998-2007 time period.

FPL's total capacity for the 1998-2007 time period will significantly increase as is shown in Table ES.1 below. This table also shows the resulting Summer and Winter reserve margins for FPL over the ten year time horizon.

<i>Projected Capacity Changes and Reserve Margins for FPL <sup>(1)</sup></i>					
<u>Year</u>		<u>Net Capacity Changes (MW)</u>		<u>FPL Reserve Margin</u>	
		<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>
1998	Changes to existing plants	187	0	19%	19%
1999	Changes to existing plants	105	95	20%	19%
2000	Changes to existing plants	(158)	(59)	18%	17%
2001	Changes to existing plants	31	10	17%	15%
2002	Ft. Myers Expansion & Changes to existing purchases	828	1062	21%	19%
2003	Changes to existing purchases	0	(9)	19%	17%
2004	Sanford Expansion	914	1076	22%	21%
2005	Changes to existing purchases	(10)	(10)	20%	18%
2006	Martin Combined Cycle No. 5 & Changes to existing purchases	286	315	19%	17%
2007	Martin Combined Cycle No. 6	419	448	19%	17%
<b>TOTALS =</b>		<b>2602</b>	<b>2928</b>		

**Note:**  
(1) Additional information about these capacity changes and resulting reserve margins is found in Chapter III of this document.

Revised.

**Table ES.1**

<i>Projected Changes in FPL's Capacity <sup>(1)</sup></i>		<i>Summer MW</i>	<i>Winter MW</i>
1998	Existing Unit Upgrades <sup>(2)</sup>	134	---
	Capacity Enhancements <sup>(3)</sup>	53	---
1999	Capacity Enhancements <sup>(3)</sup>	102	59
	Existing Unit Upgrades <sup>(2)</sup>	3	36
2000	Manatee Units converted to Orimulsion	(198)	(100)
	Existing Unit Upgrades <sup>(2)</sup>	---	15
	Capacity Enhancements <sup>(3)</sup>	40	26
2001	Manatee Units converted to Orimulsion	---	(100)
	Capacity Enhancements <sup>(3)</sup>	31	110
2002	Firm Capacity Purchase <sup>(4)</sup>	(9)	---
	Ft. Myers Expansion <sup>(5)</sup>	837	1062
2003	Firm Capacity Purchase <sup>(4)</sup>	---	(9)
2004	Sanford Expansion <sup>(6)</sup>	914	1076
2005	Firm Capacity Purchase <sup>(4)</sup>	(10)	(10)
2006	Martin Combined Cycle No. 5 <sup>(7)</sup>	419	448
	Firm Capacity Purchase <sup>(4)</sup>	(133)	(133)
2007	Martin Combined Cycle No. 6 <sup>(7)</sup>	419	448
<i>Totals =</i>		<i>2602</i>	<i>2928</i>

**Notes:**

(1) Note that this table addresses only construction and purchase alternatives (i.e. it does not show planned DSM additions). The DSM goal MW additions are shown in Table III.C.1.

(2) Additional capability which is expected to be achieved as a result of plant component replacements during major overhauls.

(3) Additional capability from various existing FPL units due to overpressurization, overfiring, addition of chillers etc.

(4) Net of Southern Purchase Contract changes, QF Purchases and changes to those purchases.

(5) Projected expansion and repowering of FPL's existing two steam units at the Ft. Myers site (subject to adequate fuel availability/price at the site).

(6) Projected expansion and repowering of two of FPL's existing steam units at the Sanford site (subject to adequate fuel availability/price at the site).

(7) New combined cycle unit at the Martin site.

Table III.B.1