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 AUTH. NAME      AUTHOR AFFILIATION  
 UHRIG, R.E.      Florida Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 EISENHUT, D.G.      Division of Licensing

SUBJECT: Forwards const/startup progress rept for Mar 1982.

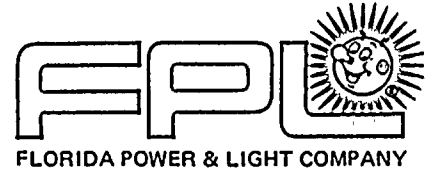
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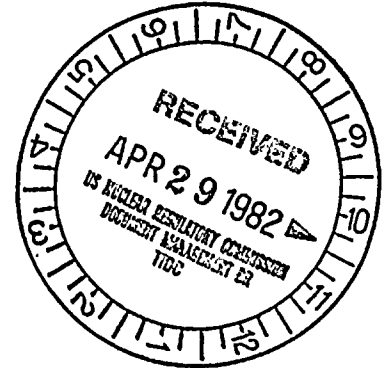
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April 26, 1982  
L-82-171

Office of Nuclear Reactor Regulation  
Attention: Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555



Dear Mr. Eisenhut:

Re: St. Lucie Unit 2  
Docket No. 50-389  
Construction/Start-up Progress Update

Attached is a report of the construction/start-up progress for St. Lucie Unit 2 for March, 1982. If you have any questions regarding the attached information, or would like additional information from Florida Power & Light Company (FPL), please feel free to call me or W. B. Derrickson, the St. Lucie Unit 2 Project General Manager (305) 552-4659.

Very truly yours,

Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/RAK/ga

Attachment

cc: William H. Lovelace, Office Management & Program Analysis  
U. S. Nuclear Regulatory Commission  
J. P. O'Reilly, Regional Administrator, Region II  
Harold F. Reis, Esquire

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**ST. LUCIE UNIT 2 CONSTRUCTION/STARTUP  
MONTHLY STATUS REPORT**

URGENT PERIOD: March 1982

SCHEDULE STATUS: Overall Project 86.3%  
 Construction/Start-up 84.1%  
 Critical Path Variance -9.0 weeks  
 Target Fuel Load Date 10/28/82

MAJOR WORK HIGHLIGHTS:

	<u>SCHEDULED</u>	<u>ACTUAL</u>
1. Turn over circulating water (CTO system 007)	12/17/81	03/24/82
2. Turn over sequence of events recorder (CTO system 63)	05/10/82	03/30/82
3. Turn over data acquisition and remote terminal unit (CTO sys. 105)	10/09/82	03/30/82
4. Completed weld up of FHB escape hatch seal	04/01/82	03/24/82
5. Completed final alignment of reactor coolant pump 2A2	04/05/82	03/16/82
6. Started insulation on the condensate system	04/05/82	03/05/82
7. Construction completed work on Intake Cooling Water (CTO sys. 5)	01/05/82	03/29/82
8. Construction completed work on HVAC-Battery room (CTO sys. 86A)	04/30/82	03/29/82

BULK QUANTITY STATUS:

	<u>TOTAL TO DATE</u>		<u>CURRENT MONTH QUANTITY</u>	<u>AVERAGE MONTHLY INSTAL. RATE (QTY/MO)</u>	
	<u>QUANTITY</u>	<u>PERCENT</u>	<u>03/31/82</u>	<u>10% - 90%</u>	<u>TO DATE FORECASTED</u>
Concrete (cy)	137,793	98.6	ESSENTIALLY COMPLETE		
Large Bore Piping (lf)	75,510	94.7	ESSENTIALLY COMPLETE		
Small Bore Piping (lf)	84,110	88.5	4,930	3,730	4,400
Instrument Tubing (lf)	88,284	86.4	4,905	4,340	4,155
Large Bore Hangers (ea)	3,353	76.0	127	100	135
Whipping Restraints	481	85.6	3	20	25
Cable Tray (lf)	39,823	97.7	ESSENTIALLY COMPLETE		
Conduit (Exp., Emb., U/D) (lf)	339,799	93.3	ESSENTIALLY COMPLETE		
Lighting Conduit	100,248	84.2	2,772	2,210	2,060
Power Cable Pull (lf)	456,259	83.9	27,284	22,330	25,215
Control Cable Pull (Inc. Comm.) (lf)	1,616,967	76.7	88,532	87,880	90,790
Signal Cable Pull (lf)	659,053	49.9	15,949	40,535	44,455
Terms - Pwr Hi (ea)	463	95.1	ESSENTIALLY COMPLETE		
Terms - Pwr Lo (ea)	10,194	86.2	808	600	315
Terms - Control (ea)	38,027	55.4	1,281	2,225	3,480
Terms - Signal (ea)	9,809	23.2	(1,203)	800	3,535

START-UP PROGRAM STATUS:

	<u>SCHEDULED TO DATE</u>	<u>COMPLETED TO DATE</u>	<u>SCHEDULE FOR MONTH</u>	<u>CURRENT MONTH</u>	<u>TOTAL REQUIRED</u>
System Turnovers (PTO)	237	210*	51	22*	325
System Turnovers (CTO)	116	55*	47	16*	164
Preoperational Test Proced.	203	201	5	3	203
Preoperational Test Performed	67	13	17/55*	2/46**	203

\*Includes packages in signoff

\*\*Includes preoperational tests in progress