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 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
 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 Jan 1983."

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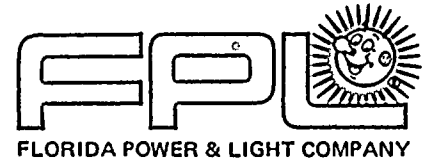
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<u>REG FILE</u> 04	1	1	RGN2	3	3
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February 15, 1983
L-83-77

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 No. 2
Docket No. 50-389
Construction/Start-up Progress Update

Attached is the report of the construction/start-up progress for St. Lucie Unit No. 2 for January 1983. If you have any questions regarding the attached information, or would like additional information from Florida Power and Light Company (FPL), please feel free to call me or W. B. Derrickson, the St. Lucie Unit No. 2 Project General Manager, at (305)863-3044.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Robert E. Uhrig".

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/RJS/njb

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

Boo!

8302180460 830215
PDR ADOCK 05000389
R PDR

FLORIDA POWER & LIGHT COMPANY
ST. LUCIE UNIT 2 CONSTRUCTION/START-UP
MONTHLY STATUS REPORT

CURRENT PERIOD: JANUARY 1983

SCHEDULE STATUS: OVERALL PROJECT CONSTRUCTION/START-UP
 CRITICAL PATH VARIANCE 21.0
 TARGET FUEL LOAD DATE 10/28/82 (Original Schedule)
 Percent complete not applicable at this stage of project
 A re-evaluation of the project schedule, completed December 1982, places the current fuel load date at March 23, 1983

MAJOR WORK HIGHLIGHTS:

	<u>SCHEDULED</u>	<u>ACTUAL</u>
1. Begin construction of Radiation Control Access Bldg.	01/01/83	01/03/83
2. Complete interior painting of Dry Storage Warehouse	02/01/83	01/04/83
3. Work on eleven (11) PTO's and ten (10) CTO's, in support of core load, was completed and turned over to FP&L this period. Systems included were the re-fueling machine, communications and security.	N/A	N/A
4. The Diesel Generator Building and the Component Cooling Building were turned over to Plant Operations this period.	N/A	N/A

BULK QUANTITY STATUS:

(Quantities include items required after Core Load)

AVERAGE MONTHLY INST. RATE
 (QTY/MO) 10%-90%

	<u>TOTAL QTY INSTALLED TO DATE</u>	<u>QTY PERCENT COMPLETE TO DATE</u>	<u>CURRENT MONTH</u>	<u>10/28 TO DATE</u>	<u>FORECASTED</u>
Concrete (cy)	141,045	99.8	217	ESSENTIALLY COMPLETE	
Large Bore Piping (1f)	79,985	99.6	60	ESSENTIALLY COMPLETE	
Small Bore Piping (1f)	92,465	96.4	50	ESSENTIALLY COMPLETE	
Instrument Tubing (1f)	116,004	94.9	205	ESSENTIALLY COMPLETE	
Large Bore Hangers (ea)	4,160	94.5	42	ESSENTIALLY COMPLETE	
Whipping Restraints	548	95.1	9	ESSENTIALLY COMPLETE	
Cable Tray (1f)	40,058	99.0	130	ESSENTIALLY COMPLETE	
Conduit (Exp., Emb., U/D) (1f)	417,120	96.3	6,988	ESSENTIALLY COMPLETE	
Lighting Conduit	117,174	98.1	3,666	ESSENTIALLY COMPLETE	
Power Cable Pull (1f)	537,784	97.7	14,623	ESSENTIALLY COMPLETE	
Control Cable Pull (Inc. Comm.) (1f)	2,167,862	97.3	63,578	ESSENTIALLY COMPLETE	
Signal Cable Pull (1f)	1,277,848	95.9	68,451	ESSENTIALLY COMPLETE	
Terms - Pwr Hi (ea)	483	97.8	-	ESSENTIALLY COMPLETE	
Terms - Pwr Lo (ea)	12,302	95.4	216	ESSENTIALLY COMPLETE	
Terms - Control (ea)	58,998	90.7	2,301	ESSENTIALLY COMPLETE	
Terms - Signal (ea)	32,593	95.9	3,904	ESSENTIALLY COMPLETE	

START-UP PROGRAM STATUS:

	<u>SCHEDULED TO DATE</u>	<u>COMPLETED TO DATE</u>	<u>SCHEDULED PER MONTH</u>	<u>CURRENT MONTH</u>	<u>TOTAL REQUIRED</u>
System Turnover (PTO)	323	323	27	12*	327
System Turnover (CTO)	162	145	28	12*	167
Preoperational Test Procedures	229	228	1	0	229
Preoperational Test Performed	229	76	154	17/87**	229

#NOTE: INFORMATION CURRENT AS OF PROJECT SCHEDULE DATED 01/31/83

*NOTE: INCLUDES PACKAGES IN SIGN-OFF CIRCUIT

**NOTE: INCLUDES PREOPERATIONAL TESTS IN PROGRESS, 125 PREOPERATIONAL TESTS WERE PERFORMED DURING THE HOT OPS MILESTONE. SOME OF THESE ARE WAITING ON CLEARING UP EXCEPTIONS TO TOTALLY CLOSE OUT THE PREOP. SPECIAL TEAM ASSIGNED TO START-UP TO CLEAR UP EXCEPTIONS TO CLOSE OUT THE PRE-OPS BY CORE LOAD.