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 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.
 AUTH. NAME: UHRIG, R.E. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

DOCKET # 05000389

SUBJECT: Forwards monthly status rept of const/startup progress for Dec 1980.

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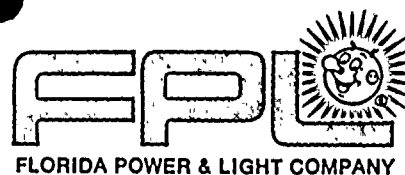
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	CHEM ENG BR 08	1	1	CONT SYS BR 09	1	1
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	HYD/GEO BR 15	2	2	I&C SYS BR 16	1	1
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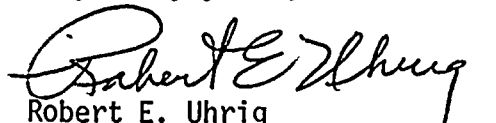
Office of Nuclear Reactor Regulation
Attention: Mr. Darrell G. Eisenhut, Director
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Eisenhut:

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

Attached is a report of the construction/startup progress for St. Lucie Unit 2 for December, 1980. If you have any questions regarding the attached information, or would like additional information from FPL, please feel free to call me.

Very truly yours,


Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/TCG/ah

Attachment

cc: William H. Lovelace, Office of Management & Program Analysis
U. S. Nuclear Regulatory Commission

J. P. O'Reilly, Director, Region II

Harold F. Reis, Esquire

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FLORIDA POWER & LIGHT
ST. LUCIE UNIT 2 CONSTRUCTION/STARTUP
MONTHLY STATUS REPORT

CURRENT PERIOD: December, 1980

SCHEDULE STATUS: Overall Project 68
Construction/Start Up 59.2 *
Critical Path Variance 0.0 weeks
Target Fuel Load Date 10/29/82

MAJOR WORK HIGHLIGHTS:

	<u>SCHEDULE</u>	<u>ACTUAL</u>
1. Erect HVAC exhaust stack on RCB exterior shield wall.	12/20/80	12/31/80
2. Start set forms for RCB ext. shld. wall dome.	12/1/80	12/9/80
3. Set safety injection tank 2B2.	02/11/81	12/23/80
4. Concrete for refueling water storage tank	01/15/81	12/12/80
5. Set RC pump volute 2B2	12/01/80	12/22/80
6. Completed switchgear room DC battery installation	11/15/80	12/15/80
7. Complete RC loop large bore piping	03/14/81	--
8. Mobilize Pittsburgh-Desmoines Steel Co.-Erect. Water Stg. tnk.	02/09/81	--

BULK QUANTITY STATUS:

	TOTAL TO DATE		CURRENT MONTH QUANTITY	AVERAGE MONTHLY INSTAL. RATE (QTY./MO.) 10% - 90%	
	QUANTITY	PHYSICAL PERCENT		TO DATE	FORECASTED
Concrete (cy)	119,817	84.4	1,444	2930	2,720
Large Bore Pipe (ft)	54,148	65.1	2,586	2080	1,920
Small Bore Pipe (ft)	54,913	27.9	4,137	6820	7,250
Large Bore Hangers (ea)	2,111	45.0	112	110	130
Whipping Restraints (tn)	128	41.6	40	25	25
Cable Tray (ft)	30,034	76.2	514	2005	1,210
Exposed and Embedded Conduit (ft)	294,947	72.6	7,505	9330	8,470
Power Cable (ft)	190,564	28.7	23,103	39355	26,740
Control Cable (ft)	480,763	18.1	162,661	164265	125,920
Terminations (ea)	7,528	13.5	2,137	--	4,875

START UP PROGRAM STATUS:

	<u>SCHEDULED TO DATE</u>	<u>COMPLETED TO DATE</u>	<u>CURRENT MONTH</u>	<u>TOTAL REQUIRED</u>
Preoperational Test Procedures	83	117	6	193
System Turnovers (Preliminary)	1	23	6	152
Preoperational Tests	4	2	0	193

* Reforecast of additional scope of work offset a 2.2 percent gain in physical accomplishment in December.