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

SUBJECT: Forwards const/startup progress update for Jul 1981.

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FPL
FLORIDA POWER & LIGHT COMPANY

August 24, 1981
L-81-364

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 July, 1981. 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 Mr. 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/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 COMPANY
ST. LUCIE UNIT 2 CONSTRUCTION/STARTUP
MONTHLY STATUS REPORT

CURRENT PERIOD: July 1981

SCHEDULE STATUS:

Overall Project	76.7%
Construction/Start-up	73.8%
Critical Path Variance	-11.0
Target Fuel Load Date	10/29/82

MAJOR WORK HIGHLIGHTS:

		SCHEDULED	ACTUAL
1.	Set HVAC cooling unit 2HVS-1C at elevation 62 in RCB	12/02/81	07/16/81
2.	Start breaching of the Unit 1/2 Discharge Canal Dike	07/22/81	07/06/81
3.	Completed grouting of diesel generators	07/29/81	07/16/81
4.	Completed turnover of system 66 - Start Up transformers	07/17/81	07/16/81
5.	Completed pl. #9 (208 c.y.) for RCB ext. shield bldg. dome conc.	08/24/81	07/27/81
6.	Completed turnover of system 61B - 120V AC vital power	07/20/81	07/27/81
7.	Installed 160 of 219, 192" Ø Ocean Discharge spools	07/31/81	07/31/81
8.	Completed pl. #10 (208 c.y.) for RCB ext. shield bldg. dome conc.	08/29/81	07/31/81

BULK QUANTITY STATUS:

	TOTAL TO DATE		CURRENT MONTH QUANTITY	AVERAGE MONTHLY INSTAL. RATE (QTY/MO) 10% - 90%	
	QUANTITY	QUANTITY PERCENT	7/30/81	7/81 TO DATE	FORECASTED
Concrete (cy)	129,708	ESSENTIALLY COMPLETE			
Large Bore Piping (lf)	70,048	89.6	1,997	2,145	1,955
Small Bore Piping (lf)	62,184	68.0	4,296	4,420	4,400
Instrument Tubing (lf)	52,322	51.2	3,205	4,210	4,155
Large Bore Hangers (ea)	2,614	62.3	56	100	135
Whipping Restraints (tn)	417	71.8	21	30	25
Cable Tray (lf)	36,204	ESSENTIALLY COMPLETE			
Conduit (Exp., Emb., U/D)(lf)	275,435	77.0	11,094	7,260	7,700
Lighting Conduit (lf)	88,510	85.2	3,221	2,440	2,060
Power Cable Pull (lf)	362,661	64.0	1,771	30,595	25,215
Control Cable Pull (Inc. Comm.) (lf)	1,184,025	54.5	72,691	120,840	90,790
Signal Cable Pull (lf)	304,665	23.1	34,951	34,515	44,455
Terms - Pwr Hi (ea)	314	61.4	30	30	25
Terms - Pwr Lo (ea)	5,143	65.0	792	620	315
Terms - Control (ea)	26,075	35.2	2,404	3,110	3,480
Terms - Signal (ea)	4,263	8.0	1,105	--	3,535

START-UP PROGRAM STATUS:

	SCHEDULED TO DATE	COMPLETED TO DATE	SCHEDULE FOR MONTH	CURRENT MONTH	TOTAL REQUIRED
Preoperational Test Proced.	196	183	13	0	196
System Turnovers (PTO)	109	101*	37	14*	177
System Turnovers (CTO)	17	19*	13	12*	159
Preoperational Tests Performed	9	3	2	0	196

* NOTE: Includes turnover packages in signoff circuit.