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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 update for Apr 1982.

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FLORIDA POWER & LIGHT COMPANY

May 13, 1982
L-82-202

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 April, 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: W. 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/START-UP
MONTHLY STATUS REPORT

CURRENT PERIOD: April, 1982

SCHEDULE STATUS:

Overall Project	87.1%
Construction/Start-up	85.1%
Critical Path Variance	-9.0 weeks
Target Fuel Load Date	10/28/82

MAJOR WORK HIGHLIGHTS:

		SCHEDULED	ACTUAL
1.	Placed concrete for the RCB Maintenance Hatch Blockout	04/23/82	04/30/82
2.	Completed installation of the FHB Spent Fuel Racks	06/07/82	04/13/82
3.	Completed installation of the New Fuel Crane Inside the FHB	04/15/82	04/22/82
4.	Set the Reactor Vessel Head in Preparation for Cold Hydro	04/21/82	04/21/82
5.	Completed Construction on Generator and Controls (CTO-Sys 71)	05/08/82	04/29/82
6.	Completed Construction on Reactor Drain Tank and Pumps (CTO Sys 44A)	04/23/82	04/28/82
7.	Completed Construction on Reactor Coolant Press. Sys. (CTO Sys 34B)	02/01/82	04/26/82

BULK QUANTITY STATUS:

	TOTAL TO DATE		CURRENT MONTH QUANTITY	AVERAGE MONTHLY INSTAL. RATE (QTY/MO) 10% - 90%	
	QUANTITY	QUANTITY PERCENT	04/30/82	04/82 TO DATE	FORECASTED
Concrete (cy)	137,947	98.8	ESSENTIALLY COMPLETE		
Large Bore Piping (lf)	75,781	95.0	ESSENTIALLY COMPLETE		
Small Bore Piping (lf)	84,478	88.9	368	3,570	4,400
Instrument Tubing (lf)	92,429	90.2	ESSENTIALLY COMPLETE		
Large Bore Hangers (ea)	3,420	77.5	67	100	135
Whipping Restraints	481	85.6	--	20	25
Cable Tray (lf)	39,823	97.7	ESSENTIALLY COMPLETE		
Conduit (Exp., Emb., U/D) (lf)	345,097	94.4	ESSENTIALLY COMPLETE		
Lighting Conduit	101,085	84.9	837	2,180	2,060
Power Cable Pull (lf)	461,982	85.0	5,723	21,450	25,215
Control Cable Pull (Inc. Comm.) (lf)	1,682,930	79.5	65,963	86,540	90,790
Signal Cable Pull (lf)	732,746	55.5	73,693	42,900	44,455
Terms - Pwr Hi (ea)	463	95.1	ESSENTIALLY COMPLETE		
Terms - Pwr Lo (ea)	10,477	88.5	283	510	315
Terms - Control (ea)	41,179	58.6	3,152	2,280	3,480
Terms - Signal (ea)	12,438	29.5	2,629	1,030	3,535

START-UP PROGRAM STATUS:

	SCHEDULED TO DATE	COMPLETED TO DATE	SCHEDULE FOR MONTH	CURRENT MONTH	TOTAL REQUIRED
System Turnovers (PTO)	248	213	51	24*	330
System Turnovers (CTO)	135	54	67	20*	164
Preoperational Test Procedures	204	202	3	1	204
Preoperational Test Performed	88	14	74	1/43**	204

*NOTE: Includes packages in sign-off circuit
**NOTE: Includes preoperational tests in progress