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 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 0500389  
 AUTH. NAME: UHRIG, R. E. AUTHOR AFFILIATION: Florida Power & Light Co.  
 RECIP. NAME: EISENHUT, D. G. RECIPIENT AFFILIATION: Division of Licensing

SUBJECT: Forwards Oct 1981 const/startup progress rept. Revised Sept 1981 rept. also encl.

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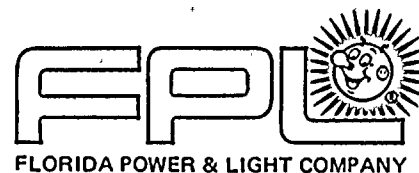
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November 19, 1981  
L-81-488

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

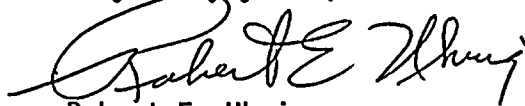


Dear Mr. Eisenhut:

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 October, 1981. Also attached is a revised copy of the report for September, 1981, which corrects typographical errors in the start-up program status. 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 and Technology

REU/TCG/mm

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

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

Harold F. Reis, Esquire

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CONSTRUCTION STATUS REPORT  
NUCLEAR POWER PLANTS

PAGE NO: 2-11

SAINT LUCIE 2

STATUS AS OF: 09-30-83

CONSTRUCTION STATUS:

APPLICANT'S CURRENT ESTIMATED FUEL LOADING DATE: 10-28-82  
 APPLICANT'S PREVIOUS ESTIMATED FUEL LOADING DATE: 10-28-82  
 APPLICANT'S ESTIMATED FUEL LOADING DATE AT CP ISSUANCE: 05-13-83  
 APPLICANT'S CURRENT ESTIMATED COMMERCIAL OPERATION DATE: 05-13-83

APPLICANTS CONSTRUCTION COMPLETION ESTIMATE AS  
 DEFINED IN CP: (EARLIEST) 05-13-83  
 (LATEST) 05-13-83

CURRENT ESTIMATED PERCENT CONSTRUCTION COMPLETE: 77.6%

COMMENTS REGARDING CURRENT CONSTRUCTION STATUS:

	<u>ESTIMATED START</u>	<u>ACTUAL START</u>	<u>ESTIMATED COMPLETION</u>	<u>ACTUAL COMPLETION</u>	<u>ESTIMATED % COMPLETION</u>
MOBILIZE AND PREPARE SITE:	050277	050277	070077	070077	100 %
PLACE STRUCTURAL CONCRETE:	070677	070777	100581	091881	97.5 %
INSTALL REACTOR PRESSURE VESSEL:	061880	062280	122181 <sup>Δ</sup>		16.6 %
INSTALL LARGE BORE PROCESS PIPE:	090078	100078	043082*		92.2 %
INSTALL LARGE BORE PIPE HANGERS, RESTRAINTS AND SNUBBERS:	090078	110078	070282		65.3 %
INSTALL SMALL BORE PIPE:	100078	110078	063082*		74.1 %
INSTALL CABLE TRAY:	103078	020079	053082*		96.5 %
INSTALL EXPOSED METAL CONDUIT:	010579	020079	113082*		71.3 %
INSTALL POWER, CONTROL, INSTRUMENTATION AND SECURITY CABLE:	013079	050079	113082*		53.8 %
INSTALL ELECTRICAL TERMINATIONS:	050079	080079	123082*		91.2 %
CONDUCT REACTOR COLD HYDROSTATIC TEST:	031782	-	042882+		0 %
CONDUCT HOT FUNCTIONAL TEST:	070382	-	081182+		0 %
CONDUCT PREOP AND ACCEPTANCE TESTS NECESSARY FOR FUEL LOAD:	042080	031980	102782+		23.3 %

+ From Nov, 1981 CPM Schedule

\* From Commodity Curves Oct, 1981.

o Security Building

Δ Dates are from first set through system turnover.



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CONSTRUCTION STATUS REPORT  
NUCLEAR POWER PLANTS

PAGE NO: 2-11

PLANT AINT LUCIE 2

STATUS AS OF: 09-30-8

PLANT CHARACTERISTICS:

DOCKET NO: 05000389  
 CP NO. & DATE ISSUED: CPR-144 / 05-02-77  
 CP EXPIRATION DATE:  
 APPLICANT: FLORIDA POWER & LIGHT COMPANY  
 PLANT LOCATION:  
 IE REGION: II  
 AE: EBASCO  
 HSSS: COMBUSTION ENGINEERING  
 CONSTRUCTOR: EBASCO  
 REACTOR TYPE: PWR  
 DER (MWE): 842

KEY PERSONNEL:

CORPORATE CONTACT: R. E. UHRIG, VICE PRESIDENT  
 NUCLEAR AFFAIRS  
 CORPORATE ADDRESS: P. O. BOX 529100  
 MIAMI, FLORIDA 33152  
 CORPORATE PHONE NO: (305) 552-3842  
 NRC LPM: V. Nerses  
 IE PRINCIPAL INSPECTOR:  
 -CONSTRUCTION:  
 -TEST AND STARTUP:  
 IE RESIDENT INSPECTOR: S.A. Elrod

INSPECTION STATUS:

TIME PERIOD

REPORT NUMBER	BEG DATE OF INSP.	END DATE OF INSP.

FUEL LOAD DATE CHANGES

AS REPORTED BY UTILITY:

REPORT DATE	NEW SCHEDULE	REASON FOR CHANGE REPORTED BY UTILITY
03-24-77	06-00-83	1. LWA HALTED BY COURT ORDER. 2. CP WAS ANTICIPATED 03-01-75 BUT EARLIEST ANTICIPATED DATE 06-01-77.
03-01-78	10-00-82	REEVALUATION OF PROJECT.
10-17-78	05-00-82	REEVALUATION OF PROJECT.
05-15-80	10-00-82	NO REASON PROVIDED.

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