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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

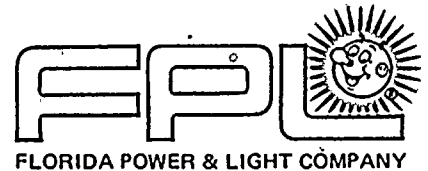
SUBJECT: Forwards response to findings identified in 820831-0901  
 audit of electrical area.

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REG FILE 04		1	1	RGN2		2	2
RM/DDAMI/MIB		1	0				
EXTERNAL: ACRS 41		6	6	BNL (AMDTs ONLY)		1	1
DMB/DSS (AMDTs)		1	1	FEMA-REP DIV 39		1	1
LPDR 03		1	1	NRC PDR 02		1	1
NSIC 05		1	1	NTIS		1	1

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September 24, 1982  
L-82-415

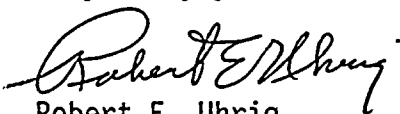
Office of Nuclear Reactor Regulations  
Attention: Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Eisenhut:

Re: St. Lucie Unit No. 2  
Docket No. 50-389  
Responses to Electrical Audit Findings

Attached are our responses to the audit findings that were identified by your staff during the August 31 through September 1 audit conducted in the electrical area. These responses complete our reporting on these audit findings.

Very truly yours,

  
Robert E. Uhrig  
Vice President  
Advanced Systems and Technology

REU/RJS/JES/jea

Attachment

cc: J. P. O'Reilly, Region II  
Harold F. Reis, Esquire

Boo!

NRC ELECTRICAL SITE AUDIT

August 31, 1982

Item No. 1: The construction status of individual systems did not appear to be as complete as expected to perform an indepth audit.

Response: The electrical systems in St. Lucie Unit 2 are at least 90% complete which is the target level requested by the NRC prior to a site audit. The remaining 10% precludes all systems from being fully operational at the time of review, but does provide a clear indication of the methods used during engineering and construction to comply with the specified design criteria.

Item No. 2: The electrical cable tray covers were not in place for the site audit. This was an observation, not a finding.

Response: The electrical cable tray covers will be placed on the cable trays when all construction work is complete and prior to core load.

September 1, 1982

Item No. 1: One electrical cable tray did not have any identification. What method is used to verify that cable trays are properly marked or identified?

Response: In addition to the ongoing quality control review during construction, a final walk-down of all cable trays will be performed by the inspection personnel at the completion of construction. This final walk-down has not yet been performed. Any missing or erroneous labels would be identified on this final inspection and corrected.

Item No. 2: The backfit items required by Regulatory Guides 1.63 and 1.75 were not available for review. This was an observation and not a finding.

Response: The modifications to St. Lucie Unit 2 that are required to comply with Regulatory Guides 1.63 and 1.75 will be completed by the startup following the first refueling outage. This schedule was reviewed and accepted by the NRC staff in their safety evaluation report.

Item No. 3: There did not appear to be a commitment to test the capability of the fast-dead bus transfer feature. The NRC will review this item inhouse. No FPL response is required.



- Item No. 4: There is high voltage electrical equipment located in the same room as the cable spreading area although this equipment is not in the same area as the cable raceways. This results in an apparent disagreement between the NRC and FPL about the definition of cable spreading area as defined in IEEE-384. The NRC will review this item inhouse. No FPL response is required.
- Item No. 5: FPL described their "First Out Protective Trip" indication. The NRC will review this inhouse against the existing criteria to determine compliance. No FPL response is required.