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

DOCKET #.
05000389

SUBJECT: Responds to questions raised during NRC 830223-24 site visit re availability of readout of core exit thermocouples when plant computer down & procedure for loss of all ac power. Computer readout always available through redundant sys.

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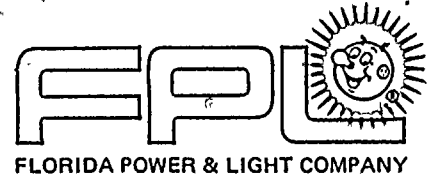
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March 31, 1983
L-83-209

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 No. 2
Docket No. 50-389
NRC Questions

Two questions originated from an NRC visit on February 23 and 24, 1983, by Messers. Denton, Eisenhut, Spies, Vollmer, Novak, Knighton and Nerses from NRR, and Lewis, Dance and Julian from Region II IE. The first question was, "Is there a readout of the core exit thermocouples (CET's) in the Control Room if the plant computer is not available?". This answer is affirmative as indicated below:

The Qualified Safety Parameter Display System (QSPDS) displays CET temperature on redundant safety related plasma displays on RTG boards 203 and 204 in the Control Room. Input to the plasma displays are from redundant QSPDS cabinets. Both cabinets are located in the control room. Each cabinet is powered from a separate safety related uninterruptable power supply (120VAC-SB and SA bus). Therefore, the CET readouts are always available.

The second question dealt with our having a procedure for the loss of all AC power and the feasibility of performing a demonstration test for the loss of all AC power. The procedure is available and Florida Power & Light is continuing to investigate the feasibility of developing such a test, including (as a separate but related item), the interconnection with the St. Lucie Unit #1 diesels. Thus, Florida Power & Light is committed to investigate the feasibility of a representative test, and as a minimum, Florida Power & Light will demonstrate that no AC is required for any functions designated as being DC. Based on our present schedule, we plan to transmit a test proposal to the NRC on or before July 1, 1983. We understand this is not construed to be a design basis event for St. Lucie Unit 2, but rather demonstrates our willingness to comply with Mr. Denton's request.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/EWD/isc

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

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