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ACCESSION NBR:8004140229 DOC DATE: 80/04/09 NOTARIZED: NO DOCKET #
 FACIL:50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
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 UHRIG,R.E. Florida Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION
 REID,R.W. Operating Reactors Branch 4

SUBJECT: Informs that thermal/rate-of-rise fire detectors, instead of automatic early warning fire detectors, will be used to implement Section 3.13.2 of safety evaluation.

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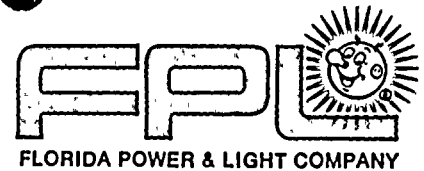
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April 9, 1980
L-80-119

Office of Nuclear Reactor Regulation
Attention: Mr. R. W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Reid:

Re: St. Lucie Unit 1
Docket No. 50-335
Fire Protection

The purpose of this letter is to re-address Section 3.13.2 (Reactor Coolant Pump Fire Detectors) in the NRC Staff's Safety Evaluation Report supporting Amendment 53 to the St. Lucie Unit 1 Operating License (DPR-67).

Section 3.13.2 recommends the installation of automatic fire detectors above each reactor coolant pump, with the detectors connected to the alarm system in the Control Room. We had originally planned to implement this recommendation by using automatic early warning fire detectors, however, further review of the function and anticipated operating environment of the detectors indicates that their detection capability could be adversely affected by the ambient temperature and radiation levels in the vicinity of the reactor coolant pumps.

Therefore, we plan to use thermal/rate-of-rise fire detectors instead of automatic early warning fire detectors to implement Section 3.13.2 at St. Lucie Unit 1.

Very truly yours,

Robert E. Uhrig
Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/MAS/paf

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

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