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 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co.
 AUTH. NAME: UHRIG, R. E. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: CLARK, R. A. RECIPIENT AFFILIATION: Operating Reactors Branch 3

DOCKET #
05000335

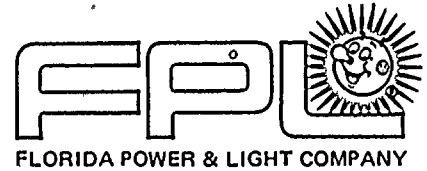
SUBJECT: Advises that first reactor vessel matl irradiation surveillance specimen will be removed in conjunction w/ current extended outage to remove reactor vessel thermal shield, tentatively scheduled for completion in Dec 1984.

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April 25, 1983
L-83-257

Office of Nuclear Reactor Regulation
Attention: Mr. Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Clark:

Re: St. Lucie Unit 1
Docket No. 50-335
Reactor Vessel Surveillance Specimen

In conjunction with the current extended outage to remove the reactor vessel thermal shield, we have decided to remove the first reactor vessel material irradiation surveillance specimen from St. Lucie Unit 1. This removal is, in our judgment, in accordance with the St. Lucie Unit 1 Technical Specifications and Appendix H to 10 CFR 50.

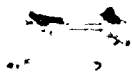
Technical Specification 4.4.9.1.c requires that the first specimen be removed after eight calendar years. As the operating license for St. Lucie Unit 1 was issued on March 1, 1976, the specimen is due to be removed on March 1, 1984, or approximately seven and a half months from the anticipated end of the current refueling outage. The following refueling outage is tentatively scheduled to be finished around the end of December 1984. This would be approximately ten months past the eight-year date. This future outage may be slipped further depending on cycle length adjustments and the overhaul schedules of other units.

Section II.e of 10 CFR 50 Appendix H, allows modification of withdrawal schedules to coincide with the refueling outage most closely approaching the withdrawal schedule. Because the end of the current outage most closely approaches the withdrawal schedule, we will remove the specimen during this outage. Our NSSS vendor concurs with this action.

Removing the specimen during the outage will allow us to evaluate the specimen to determine a material irradiation baseline for operation of St. Lucie Unit 1 without the thermal shield. We are also planning to replace the specimen with temperature and dosimetry instruments to obtain fluence data during the upcoming cycle.

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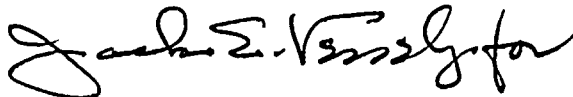
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Office of Nuclear Reactor Regulation
Attention: Mr. Robert A. Clark
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Should you or your staff have any questions on this subject, please contact us.

Very truly yours,

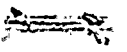


Robert E. Uhrig
Vice President
Advanced System & Technology

REU/PLP/js

Attachments

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



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