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 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
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 SAGAR, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
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SUBJECT: Responds to NRC Bulletin 92-001, requesting licensee to identify areas of plant that have Thermo-Lag 330 installed for protection & separation of safe shutdown equipment.

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 TITLE: NRC Bulletin 92-001, Failure of Thermal-Log 330 Fire Barrier Sys to M

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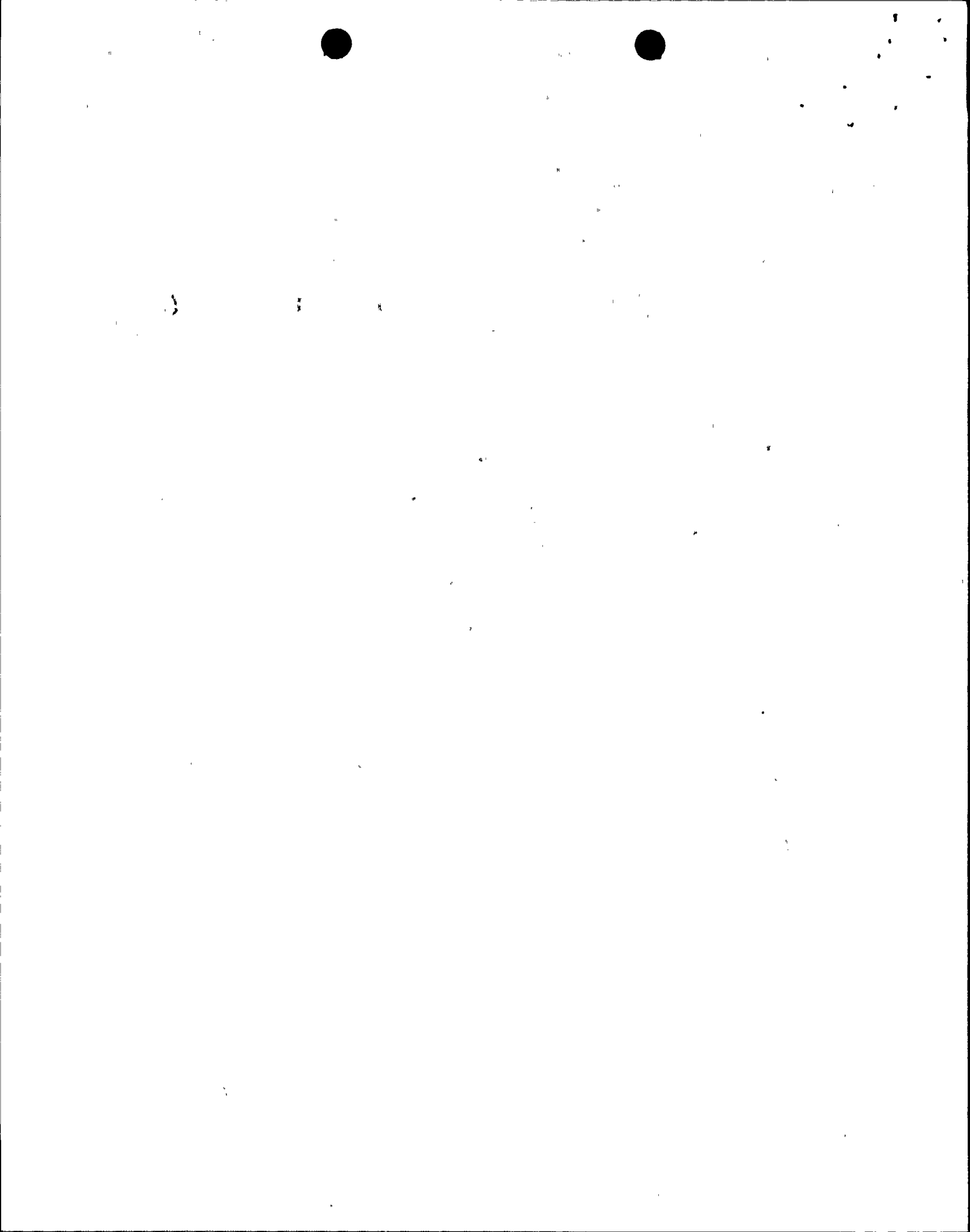
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September 29, 1992

L-92-273
10 CFR 50.4
10 CFR 50.54(f)

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

RE: St. Lucie Units 1 and 2
Docket No. 50-335 and 50-389
NRC Bulletin 92-01-Supplement 1 Response
Thermo-Lag 330 Fire Barrier System

The Florida Power and Light Company (FPL) response to NRC Bulletin (NRCB) 92-01 Supplement 1 for St. Lucie Units 1 and 2 is attached. This response updates and replaces the response to NRCB 92-01 provided by FPL letter L-92-219 dated July 27, 1992.

NRC Bulletin 92-01-Supplement 1, *Failure of Thermo-Lag 330 Fire Barrier System to Perform Its Specified Fire Endurance Function*, issued on August 28, 1992, notified licensees of apparent fire endurance test failures of Thermo-Lag 330 fire barrier systems. The NRCB supplement expanded the scope of the original bulletin to include all sizes of conduits and trays, and included walls, ceilings, and equipment enclosures. Supplement 1 requested licensees to identify the areas of the plant which have Thermo-Lag 330 installed for the protection and separation of safe shutdown equipment, implement appropriate compensatory measures, and within 30 days provide written notification of the actions taken and the measures being taken to restore or ensure fire barrier operability.

The attached information is provided pursuant to the requirements of Section 182a of the Atomic Energy Act of 1954, as amended, and 10 CFR 50.54(f).

Please contact us if there are any questions about this submittal.

Very truly yours,

D. A. Sager
Vice President
St. Lucie Plant

DAS/GRM/kw

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

DAS/PSL #788-92

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St. Lucie Units 1 and 2
Docket No. 50-335 and 50-389
NRC Bulletin 92-01-Supplement 1 Response
Thermo-Lag 330 Fire Barrier System

STATE OF FLORIDA)
)
COUNTY OF ST. LUCIE) SS.

D. A. Sager being first duly sworn, deposes and says:

That he is Vice President, St. Lucie Plant for the Nuclear Division of Florida Power & Light Company, the Licensee herein;

That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information and belief, and that he is authorized to execute the document on behalf of said Licensee.

DASager
D. A. Sager

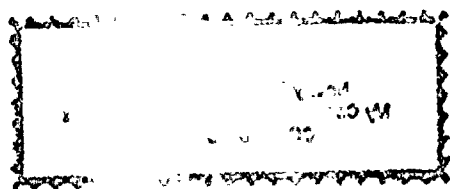
STATE OF FLORIDA
COUNTY OF ST. LUCIE

The foregoing instrument was acknowledged before me this 29th day of September, 19 92 by D. A. Sager, who is personally known to me and who did take an oath.

Karen West
KAREN WEST
Name of Notary Public

My Commission expires 4-18-94
Commission No. CC 003229

KAREN WEST
Notary Public-State of Florida
My Commission Expires APR 18, 1994
COMM # CC 003229



St. Lucie Units 1 and 2
Docket No. 50-335 and 50-389
NRC Bulletin 92-01-Supplement 1 Response
Thermo-Lag 330 Fire Barrier System

ATTACHMENT

NRC REQUESTED ACTION 1:

For plants that use either 1- or 3-hour pre-formed Thermo-Lag 330 panels and conduit shapes, identify the areas of the plant which have Thermo-Lag 330 fire barrier material installed and determine the plant areas which use this material for the protection and separation of the safe shutdown capability.

FPL RESPONSE:

The Appendix "R" cables, walls, and ceilings required for the safe shutdown of St. Lucie Plant Units 1 and 2, have been reviewed and evaluated in an engineering evaluation. Both units use Thermo-Lag Fire Barrier Systems. The conduits, walls and ceilings in question for both units have been listed in an engineering evaluation. Neither Unit 1 nor Unit 2 have any Appendix "R" wrapped cable trays.

NRC REQUESTED ACTION 2:

In those plant areas in which Thermo-Lag fire barriers are used in raceways, walls, ceilings, equipment enclosures, or other areas to protect cable trays, conduits, or separate redundant safe shutdown functions, the licensee should implement, in accordance with plant procedures, the appropriate compensatory measures, such as fire watches consistent with those that would be implemented by either the plant technical specifications or the operating license for an inoperable fire barrier. These compensatory measures should remain in place until the licensee can declare the fire barriers operable on the basis of applicable tests which demonstrate successful 1- or 3-hour barrier performance.

FPL RESPONSE:

St. Lucie Units 1 and 2 do have Thermo-Lag 330 fire barrier material installed. In accordance with plant procedures, appropriate compensatory measures were verified to be in place on June 25, 1992. The compensatory measures include roving



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fire watches and verification of fire detector operability. The roving fire watches are an integral part of the St. Lucie fire protection program. On September 1, 1992, the fire areas affected by the additional scope of the bulletin supplement were verified to be covered by the existing compensatory measures.

NRC REQUIRED REPORT:

Each licensee who has installed Thermo-Lag 330 fire barriers must inform the NRC in writing within 30 days of receiving this bulletin supplement, whether or not it has taken the above actions. Where fire barriers are declared inoperable, the licensee is required to describe the measures being taken to ensure or restore fire barrier operability. These measures should be consistent with actions taken in response to NRCB 92-01.

FPL RESPONSE:

St. Lucie Plant does have Thermo-Lag 330 fire barriers installed as discussed in the response to Requested Action 1. Compensatory measures have been implemented as discussed in the response to Requested Action 2. The continuing measures being taken to ensure or restore the fire barrier operability include:

- a. participation in the NUMARC coordinated industry program;
- b. assimilation of applicable industry information;
- c. close observation and follow-up of industry information;
- d. engineering evaluation of location specific fire response characteristics;
- e. upgrade of Thermo-Lag installation specifications (as determined by the above items); and
- f. modifications to Thermo-Lag enclosures (as determined by the above items).

The compensatory measures will remain in effect until an acceptable solution is implemented.



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