

September 12, 1995

MEMORANDUM TO: David B. Matthews, Director
 Project Directorate II-1
 Division of Reactor Projects I/II

FROM: José A. Calvo, Chief (Original signed by J. Calvo)
 Electrical Engineering Branch
 Division of Engineering

SUBJECT: RESPONSE TO THE FOLLOWUP TO THE REQUEST FOR
 ADDITIONAL INFORMATION REGARDING GENERIC
 LETTER 92-08 (TAC NO. M85608 AND M85609)

Plant: St. Lucie Units 1 and 2
 Licensee: Florida Power and Light
 Review Status: Open

We have reviewed Florida Power and Light's responses of November 4, 1994, and March 28, 1995, to the requests for additional information (RAI) of August 9, 1994, and December 28, 1994, respectively, regarding Generic Letter 92-08, "Thermo-Lag 330-1 Fire Barriers." The licensee was required, pursuant to Section 182A of the Atomic Energy Act of 1954, as amended, and 10 CFR 50.54(f), to submit written reports, under oath of affirmation, that provided the information specified in the RAIs. On the basis of our review, we have determined that the licensee's responses to the RAIs are incomplete. The specific areas where we found the licensee's responses to be incomplete are discussed in the attachment. Please transmit this information to the licensee and request that it submit a revised response. We recommend that the licensee be given 45 days to submit its revised response.

Docket No.: 50-335
 50-389

Attachment: As stated

CONTACT: R. Jenkins, NRR/DE
 415-2985

DISTRIBUTION:
 Central Files JANorris
 PDR MGamberoni
 EELB R/F EConnell
 BWSheron
 GCLainas
 SPLB TSI File

DISK/DOCUMENT NAME: G:\SHARED\STLUCIE.RAI

To receive a copy of this document, indicate in the box: "C" = Copy w/o attachment, "E" = Copy w/attachment, "N" = No copy

OFC	EELB:DE	R	SC:EELB:DE	E	C:EELB:DE				
NAME	RVJenkins:jc	<i>RVJ</i>	ASGill	<i>ASG</i>	JACalvo	<i>JAC</i>			
DATE	9/11/95		9/12/95		9/12/95	<i>9/2/95</i>	/ /	/ /	

OFFICIAL RECORD COPY

9509140317 950912
 PDR ADOCK 05000335
 P PDR

NRC FILE CENTER COPY

DF011



Small, faint, illegible marks or characters in the top right corner.

Small, faint, illegible marks or characters in the bottom right corner.



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

September 12, 1995

MEMORANDUM TO: David B. Matthews, Director
Project Directorate II-1
Division of Reactor Projects I/II

FROM: José A. Calvo, Chief
Electrical Engineering Branch
Division of Engineering

José A. Calvo

SUBJECT: RESPONSE TO THE FOLLOWUP TO THE REQUEST FOR
ADDITIONAL INFORMATION REGARDING GENERIC
LETTER 92-08 (TAC NO. M85608 AND M85609)

Plant: St. Lucie Units 1 and 2
Licensee: Florida Power and Light
Review Status: Open

We have reviewed Florida Power and Light's responses of November 4, 1994, and March 28, 1995, to the requests for additional information (RAI) of August 9, 1994, and December 28, 1994, respectively, regarding Generic Letter 92-08, "Thermo-Lag 330-1 Fire Barriers." The licensee was required, pursuant to Section 182A of the Atomic Energy Act of 1954, as amended, and 10 CFR 50.54(f), to submit written reports, under oath of affirmation, that provided the information specified in the RAIs. On the basis of our review, we have determined that the licensee's responses to the RAIs are incomplete. The specific areas where we found the licensee's responses to be incomplete are discussed in the attachment. Please transmit this information to the licensee and request that it submit a revised response. We recommend that the licensee be given 45 days to submit its revised response.

Docket No.: 50-335
50-389

Attachment: As stated

CONTACT: R. Jenkins, NRR/DE
415-2985

ST. LUCIE UNITS 1 AND 2
DOCKET NO. 50-335 AND 50-389
FOLLOWUP REQUEST FOR ADDITIONAL INFORMATION REGARDING
GENERIC LETTER 92-08
"THERMO-LAG 330-1 FIRE BARRIERS"

1.0 REQUEST FOR ADDITIONAL INFORMATION (RAI) OF AUGUST 9, 1994

In the RAI of August 9, 1994, the NRC staff requested information regarding important barrier parameters, Thermo-Lag barriers outside the scope of the NEI program, ampacity derating, alternatives, and schedules.

No information was provided by the licensee in its submittal of November 4, 1994 to address the ampacity derating issue.

During a public meeting on March 14, 1995, with the licensees for the four lead plants for the resolution of Thermo-Lag issues, the staff responded to the question, "Will the resolution of the ampacity derating concern be deferred until agreement is reached on the appropriate testing protocol (i.e., IEEE P848)?" The staff reiterated its position, which was previously stated in the September 1994 RAI, that the ampacity derating concern could be resolved independently of the fire endurance concerns. After a review of the tests performed under the draft IEEE standard P848, the staff transmitted comments which were designated to ensure the repeatability of test results to the IEEE working group responsible for the test procedure. The licensee is requested to submit its ampacity derating evaluations, including any applicable test reports, in order to provide an adequate response to Generic Letter 92-08 reporting requirement 2(c).

2.0 REQUEST FOR ADDITIONAL INFORMATION OF DECEMBER 28, 1994

In the RAI of December 28, 1994, the staff requested information describing the examinations and inspections that will be performed to obtain the important barrier parameters for the Thermo-Lag configurations installed at St. Lucie. In its response of March 28, 1995, the licensee stated that there is sufficient margin in existing ampacity derating calculations to bound any testing which may be performed. Finally, after an acceptable approach and test methodology has been agreed upon and testing has been performed the licensee will review these test results to determine if there is any impact on these calculations.

On May 18, 1995, members of the NRC staff held a telephone conference call with Nuclear Energy Institute (NEI) representatives on ampacity derating issues for Thermo-Lag fire barriers. The staff indicated that the latest IEEE P848 draft procedure can be used by licensees or NEI as the basis for an ampacity derating test program. NEI agreed to review the Comanche Peak Steam Electric Station Unit 2 Safety Evaluation (SE) in order to develop a generic test program. The memorandum dated May 22, 1995, which documents the subject telephone conference meeting, is attached for your information. In addition,

a copy of the subject SE dated June 22, 1995, was sent to those licensees who rely on Thermo-Lag installations.

Please submit the anticipated test procedures or alternatively, a description of the analytical methodology including typical calculations which will be used to determine the ampacity derating parameters for the Thermo-Lag fire barriers that are installed at St. Lucie Units 1 and 2.