



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

June 3, 1997

Mr. W. R. Robinson, Vice President
Shearon Harris Nuclear Power Plant
Carolina Power & Light Company
Post Office Box 165 - Mail Code: Zone 1
New Hill, North Carolina 27562-0165

50-400

SUBJECT: COMPLETION OF LICENSING ACTION FOR GENERIC LETTER 92-08,
"THERMO-LAG 330-1 FIRE BARRIERS," DATED DECEMBER 17, 1992, FOR
SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 - (TAC NO. M85556)

Dear Mr. Robinson:

By letters dated April 16, 1963, February 14, 1994, December 19, 1994,
March 23, 1995, August 31, 1995, September 13, 1995, December 27, 1995,
July 12, 1996, and May 16, 1997, Carolina Power & Light Company (CP&L)
responded to Generic Letter (GL) 92-08, "Thermo-Lag 330-1 Fire Barriers,"
dated December 17, 1992, and follow-up requests for additional information
(RAIs) dated June 15, 1993, December 22, 1993, December 23, 1994, and June 14,
1996, in regard to Thermo-Lag 330-1 fire barriers installed at the Shearon
Harris Nuclear Power Plant (SHNPP).

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed your letters.
Your responses stated that you were planning to re-evaluate safe shutdown
equipment, reroute cables, replace or upgrade Thermo-Lag barriers, and that
the schedule for overall Thermo-Lag closeout for SHNPP will be September 1,
1997.

On the basis of the above responses and other review of your submittals,
the staff has determined that you have provided the information requested in
GL 92-08 and the actions tracked by TAC No. M85556 are complete.

Please advise the staff in writing if you change your schedule or the
resolution plans described in your submittals. Include the bases for any
changes in your corrective action plan and a justification for any changes in
your schedule. In addition, in accordance with GL 92-08, please advise the
staff in writing when the actions described in your submittals have been

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implemented. GL 92-08 provides the Office of Management and Budget clearance for this information request.

You should retain all documentation related to the resolution of the concerns with Thermo-Lag 330-1 fire barrier systems for future NRC audits or inspections. This documentation should include an evaluation of the ampacity impact of the previously installed Thermo-Lag material on cable life of safety-related circuits.

If you have any questions regarding this matter, please contact the undersigned at 301-415-1458.

Sincerely,

(Original Signed By)

Ngoc B. Le, Project Manager
Project Directorate II-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-400

cc: See next page

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Mr. W. R. Robinson
Carolina Power & Light Company

cc:

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