

September 22, 1995

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

SUBJECT: GENERIC LETTER 95-03, "CIRCUMFERENTIAL CRACKING OF STEAM GENERATOR TUBES" - SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 (TAC NO. M92246)

Dear Mr. Robinson:

By letter dated September 5, 1995, the staff issued a request for additional information as a result of the staff review of the response to Generic Letter 95-03, dated June 27, 1995, provided by the Carolina Power & Light Company for the Shearon Harris Nuclear Power Plant, Unit 1. Subsequent to the issuance of the September 5, 1995 letter, the staff has identified additional areas for which additional information and/or clarification is needed. The enclosure to this letter contains the additional information needed for the staff to complete its review of your response to GL 95-03. Please provide the requested response within 30 days of receipt of this letter.

This request is within the original reporting burden for information collection of 350 hours covered by the Office of Management and Budget clearance number 3150-0011 which expires July 31, 1997.

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

Enclosure: As stated

cc: w/enclosure: See next page

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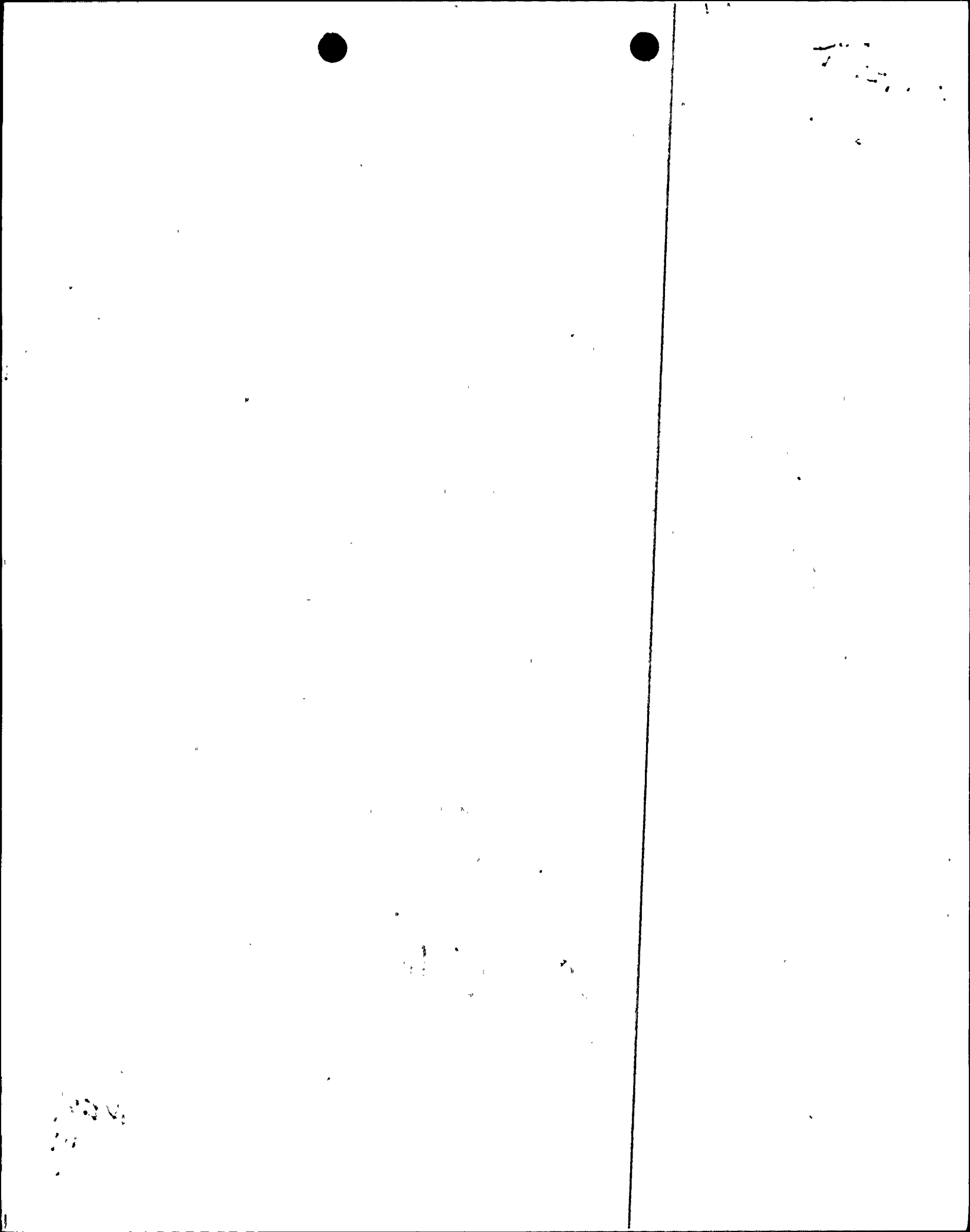
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Mr. W. R. Robinson  
Carolina Power & Light Company

cc:

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Unit 1

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Mr. Vernon Malone, Chairman  
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Mr. Henry Dunlap, Chairman  
Board of County Commissioners  
of Chatham County  
P. O. Box 111  
Pittsboro, North Carolina 27312



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ENCLOSURE

Harris: SUPPLEMENTAL REQUEST FOR ADDITIONAL INFORMATION

RE:       GENERIC LETTER 95-03, "CIRCUMFERENTIAL CRACKING OF STEAM  
          GENERATOR TUBES" - SHEARON HARRIS NUCLEAR POWER PLANT,  
          UNIT 1 (TAC NO. M92246)

1.       During the Maine Yankee outage in July/August 1994, several weaknesses were identified in their eddy current program as detailed in NRC Information Notice 94-88, "Inservice Inspection Deficiencies Result in Severely Degraded Steam Generator Tubes". In Information Notice 94-88, the staff observed that several circumferential indications could be traced back to earlier inspections when the data was reanalyzed using terrain plots. These terrain plots had not been generated as part of the original field analysis for these tubes. For the rotating pancake coil (RPC) examinations performed at your plant at locations susceptible to circumferential cracking during the previous inspection (i.e., previous inspection per your Generic Letter 95-03 response), discuss the extent to which terrain plots were used to analyze the eddy current data. If terrain plots were not routinely used at locations susceptible to circumferential cracking, discuss whether or not the RPC eddy current data has been reanalyzed using terrain mapping of the data. If terrain plots were not routinely used during the outage and your data has not been reanalyzed with terrain mapping of the data, discuss your basis for not reanalyzing your previous RPC data in light of the findings at Maine Yankee.

Discuss whether terrain plots will be used to analyze the RPC eddy current data at locations susceptible to circumferential cracking during your next steam generator tube inspection (i.e., the next inspection per your Generic Letter 95-03 response).



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