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 VAUGHN, G.E. Carolina Power & Light Co. *See Subject for WCAP-128168*
 RECIP. NAME RECIPIENT AFFILIATION *WCAP-12817*
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SUBJECT: Application for amend to license NPF-63, TS section 3/4.4.5
 allowing alternate steam generator plugging criteria for
 portion of steam generator tubes. W/proprietary WCAP-12816
 (withheld) & non-proprietary WCAP-12817.

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Carolina Power & Light Company

P.O. Box 1551 • Raleigh, N.C. 27602

FEB 07 1992

SERIAL: NLS-92-017
10 CFR 50.90

G. E. VAUGHN
Vice President
Nuclear Services Department

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
REQUEST FOR LICENSE AMENDMENT
STEAM GENERATOR F* TUBE PLUGGING CRITERIA

Gentlemen:

In accordance with the Code of Federal Regulations, Title 10, Parts 50.90 and 2.101, Carolina Power & Light Company (CP&L) hereby requests a revision to the Technical Specifications (TS) for the Shearon Harris Nuclear Power Plant (SHNPP).

This proposed amendment revises the SHNPP Operating License to allow the use of an alternate steam generator tube plugging criteria for the portion of the steam generator tubes within the tube sheet. Specifically, Technical Specification Surveillance 4.4.5 would be amended to include an F* distance within the tube sheet below which indications of degradation would have no impact on the determination of integrity of a steam generator tube. As a result, steam generator tubes with degradation below the F* distance in the tube sheet region would not require repair or plugging. Carolina Power & Light Company believes this proposed change is safe because the presence of the tubesheet in conjunction with the hardroll tube installation process significantly reduces the potential for tube failure and/or leakage within the tubesheet area when compared to the free span portion of the tube.

Enclosure 1 provides a detailed description of the proposed changes and the basis for the changes.

Enclosure 2 details the basis for the Company's determination that the proposed changes do not involve a significant hazards consideration.

Enclosure 3 is an environmental evaluation which demonstrates that the proposed amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9); therefore, pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment needs to be prepared in connection with the issuance of the amendment.

Enclosure 4 provides the proposed Technical Specification pages.

Enclosure 5 contains WCAP-12816 (and WCAP-12817), "Tubesheet Region Plugging Criterion for the Carolina Power & Light Company Shearon Harris Nuclear Power Plant Steam Generators" (Proprietary and Non-Proprietary, respectively). Also enclosed are a Westinghouse authorization letter, CAW-91-189, accompanying

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affidavit, Proprietary Information Notice, and Copyright Notice. As WCAP-12816 contains information proprietary to Westinghouse Electric Corporation, it is supported by an affidavit signed by Westinghouse, the owner of the information. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of Section 2.790 of the Commission's regulations. Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR 2.790 of the Commission's regulations. Correspondence with respect to the copyright or proprietary aspects of the items listed above or the supporting Westinghouse Affidavit should reference CAW-91-189 and should be addressed to R. P. DiPiazza, Manager of Nuclear Safety Licensing, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

In order to support the use of the F* criteria in the next steam generator tube inspection, i.e., during refueling outage No.4, CP&L requests that the enclosed amendment be issued by September 1, 1992. To allow time for procedure revisions and orderly incorporation into copies of the Technical Specifications, CP&L requests that the proposed amendment, once approved by the NRC, be issued such that implementation will occur within 60 days of issuance of the amendment.

In accordance with 10 CFR 50.91(b), CP&L is providing the State of North Carolina with a copy of this letter.

Please refer any questions regarding this submittal to Mr. R. W. Prunty at (919) 546-7318.

Yours very truly,


G. E. Vaughn

GEV/SDC

Enclosures:

- | | |
|-----------------------------|----------------------------------|
| 1. Basis for Change Request | 4. Technical Specification Pages |
| 2. 10 CFR 50.92 Evaluation | 5. WCAP-12816 & 12817 |
| 3. Environmental Evaluation | |

cc: Mr. Dayne H. Brown
Mr. S. D. Ebnetter

Ms. B. L. Mozafari
Mr. J. E. Tedrow

G. E. Vaughn, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief; and the sources of his information are officers, employees, contractors, and agents of Carolina Power & Light Company.

My commission expires: 2/6/96


Notary (Seal)



