November 23, 2009

MEMORANDUM TO: Harold K. Chernoff, Chief
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Richard B. Ennis, Senior Project Manager ***/ra/***
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: SALEM NUCLEAR GENERATING STATION, UNIT NOS. 1 AND 2, DRAFT REQUEST FOR ADDITIONAL INFORMATION (TAC NOS. ME1478, ME1479, ME1480 AND ME1481)

The attached draft request for information (RAI) was transmitted on November 23, 2009, to Mr. Jeff Keenan of PSEG Nuclear LLC (the licensee). This information was transmitted to facilitate an upcoming conference call in order to clarify the licensee's letter dated June 11, 2009, which submitted relief requests S1-I3R-93, S2-I3R-94, and SC-I3R-95 for Salem Nuclear Generating Station, Unit Nos. 1 and 2.

This memorandum and the attachment do not convey or represent an NRC staff position regarding the licensee's request.

Docket Nos. 50-272 and 50-311

Attachment: Draft RAI

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OFFICE	PDI-2/PM
NAME	REnnis
DATE	11/23/09

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DRAFT REQUEST FOR ADDITIONAL INFORMATION

RELATED TO RELIEF REQUESTS S1-I3R-93, S2-I3R-94, AND SC-I3R-95

SALEM NUCLEAR GENERATING STATION, UNIT NOS. 1 AND 2

DOCKET NOS. 50-272 AND 50-311

By letter dated June 11, 2009 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML091740140), PSEG Nuclear LLC submitted relief requests S1-I3R-93, S2-I3R-94, and SC-I3R-95 as alternatives to certain requirements specified in Section XI of the American Society of Mechanical Engineers *Boiler and Pressure Vessel Code* for Salem Nuclear Generating Station (Salem), Unit Nos. 1 and 2.

The Nuclear Regulatory Commission (NRC) staff has reviewed the information the licensee provided that supports the proposed relief requests and would like to discuss the following issues to clarify the submittal.

1. Table 3, "Details of TWCF [through-wall cracking frequency] Calculation for 42 EFPY [effective full power years] of Operation," of Relief Request S1-I3R-93 for Salem Unit No. 1 and Table 3, "Details of TWCF Calculation for 50 EFPY of Operation," of Relief Request S2-I3R-94 for Salem Unit No. 2 contain values for copper (Cu), nickel (Ni), and chemistry factor (CF). These compositions are not all consistent with docketed NRC records. Identify a docketed reference containing these values, or provide a technical basis for the change from previous composition values.

Attachment