



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 19, 2010

Mr. Thomas Joyce
President and Chief Nuclear Officer
PSEG Nuclear LLC
P.O. Box 236
Hancocks Bridge, NJ 08038

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE SALEM NUCLEAR
GENERATING STATION, UNIT 1 AND UNIT 2, LICENSE RENEWAL
APPLICATION, SECTION 4.6 (TAC NOS. ME1834 AND ME1836)

Dear Mr. Joyce:

By letter dated August 18, 2009, as supplemented by letter dated January 23, 2009, Public Service Enterprise Group Nuclear, LLC, submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54 for renewal of Operating License Nos. DPR-70 and DPR-75 for Salem Nuclear Generating Station, Units 1 and 2, respectively. The staff of the U.S. Nuclear Regulatory Commission (NRC or the staff) is reviewing this application in accordance with the guidance in NUREG-1800, "Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants." During its review, the staff has identified areas where additional information is needed to complete the review. The staff's request for additional information is included in the Enclosure. Further requests for additional information may be issued in the future.

Items in the enclosure were provided to John Hufnagel and other members of your staff, and a mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me by telephone at 301-415-2981 or by e-mail at bennett.brady@nrc.gov.

Sincerely,

A handwritten signature in cursive script that reads "Bennett Brady".

Bennett M. Brady, Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-272 and 50-311

Enclosure:
As stated

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION
REGARDING SECTION 4.6 OF THE SALEM NUCLEAR GENERATING STATION,
UNIT 1 AND UNIT 2, LICENSE RENEWAL APPLICATION

RAI 4.6-01

Background

In license renewal application (LRA) Section 2.3.3.9, "Scoping and Screening," the applicant listed a total of 33 cranes and hoists as in-scope for license renewal. Table 3.3.2-9 of the LRA requires a time-limited aging analysis (TLAA) of crane/hoist bridge/trolley girders for aging management due to cumulative fatigue damage/fatigue in accordance with GALL Report recommendations.

Issue

LRA Section 4.6 "Crane Load Cycle Limit," identified TLAA for only three cranes: "Polar Gantry Crane," "Fuel Handling Crane," and the "Cask Handling Crane." TLAA for other in-scope cranes with girders are not provided in LRA Section 4.6.

Request

Explain why a TLAA for other cranes with girders is not included in the LRA. The staff needs this information to confirm that an evaluation of the fatigue of the in-scope crane girders has been performed that will remain valid for the period of extended operation as required by 10 CFR 54.21(c)(1)(i).

ENCLOSURE

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DATE	07/16/10	07/16/10	07/19/10	07/19/10

OFFICIAL RECORD COPY

Letter to T. Joyce from B. Brady dated July 19, 2010

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GENERATING STATION, UNIT 1 AND UNIT 2, LICENSE RENEWAL
APPLICATION, SECTION 4.6 (TAC NOS ME1834 AND ME1836)

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