



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

November 12, 2008

Mr. Thomas Joyce
President and Chief Nuclear Officer
PSEG Nuclear
P.O. Box 236, N09
Hancocks Bridge, NJ 08038

SUBJECT HOPE CREEK GENERATING STATION AND SALEM NUCLEAR
GENERATING STATION, UNIT NOS. 1 AND 2 - CLOSEOUT OF GENERIC
LETTER 2007-01 "INACCESSIBLE OR UNDERGROUND POWER CABLE
FAILURES THAT DISABLE ACCIDENT MITIGATION SYSTEMS OR CAUSE
PLANT TRANSIENTS" (TAC NOS. MD4336, MD4375, AND MD4376)

Dear Mr. Joyce:

On February 7, 2007, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2007-01 "Inaccessible or Underground Power Cable Failures That Disable Accident Mitigation Systems or Cause Plant Transients" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML070360665). GL 2007-01 requested that licensees provide the following information within 90 days of the date of the GL:

- (1) A history of inaccessible or underground power cable failures for all cables that are within the scope of Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.65 (the Maintenance Rule) and for all voltage levels including the cable type, cable manufacturer, date of failure, type of service, voltage class, years of service, and the root causes for the failure; and,
- (2) A description of all inspection, testing, and monitoring programs to detect the degradation of inaccessible or underground power cables that support emergency diesel generators (EDGs), offsite power, emergency service water (ESW), service water, component cooling water and other systems that are within the scope of 10 CFR 50.65.

In your letters for Hope Creek Generating Station (Hope Creek) and Salem Nuclear Generating Station, Unit Nos. 1 and 2 (Salem) dated May 7, 2007 (ADAMS Accession Nos. ML071360120 and ML071350409, respectively), and your letter for Hope Creek and Salem dated December 12, 2007 (ADAMS Accession Nos. ML073531244), you provided the information requested in GL 2007-01 and the subsequent request for additional information including: (1) A history of inaccessible or underground power cable failures for all cables that are within the scope of 10 CFR 50.65 and for all voltage levels including the cable type, cable manufacturer, date of failure, type of service, voltage class, years of service, and the root causes for the failure; and, (2) A description of all inspection, testing, and monitoring programs to detect the degradation of inaccessible or underground power cables that support EDGs, offsite power, ESW, service water, component cooling water and other systems that are within the scope of 10 CFR 50.65.

T. Joyce

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The NRC staff has reviewed the submitted information and has concluded that your responses to GL 2007-01 are adequate for Hope Creek and Salem. Based on this review, the NRC staff is closing TAC Nos. MD4336, MD4375, and MD4376. No further action is requested of you at this time.

If you have any questions, please contact me at (301) 415-1420.

Sincerely,

A handwritten signature in black ink, appearing to read "R B Ennis". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

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

Docket Nos. 50-354, 50-272, and 50-311

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T. Joyce

- 2 -

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Sincerely,

/ra/

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

Docket Nos. 50-354, 50-272, and 50-311

cc: Distribution via ListServ

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