



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

March 30, 2011

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

SUBJECT: NOTICE OF AVAILABILITY OF THE FINAL PLANT-SPECIFIC
SUPPLEMENT 45 TO THE GENERIC ENVIRONMENTAL IMPACT
STATEMENT FOR LICENSE RENEWAL OF NUCLEAR PLANTS REGARDING
HOPE CREEK GENERATING STATION AND SALEM NUCLEAR
GENERATING STATION UNITS 1 AND 2

Dear Mr. Joyce:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed the final plant-specific Supplement 45 to NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants," (GEIS) regarding the renewal of operating licenses NPF-57, DPR-70, and DPR-75 for Hope Creek Generating Station (HCGS) and Salem Nuclear Generating Station (Salem), Units 1 and 2, respectively. Enclosed is a copy of the final supplement and the associated *Federal Register* Notice of Availability. The notice advises the public that the final supplement is publicly available at the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams/html>. The accession numbers for the final Supplement 45 to the GEIS is ML11089A021. In addition, a copy of the final supplement 45 will be made available to local residents at the Salem Free Library, Salem, New Jersey.

As discussed in Section 9.4 of the final supplement, the NRC's recommendation is that the adverse environmental impacts of license renewal for HCGS and Salem are not great enough to deny the option of license renewal for energy-planning decision makers. This recommendation is based on (1) the analysis and findings in the GEIS; (2) the Environmental Report submitted by PSEG Nuclear, LLC; (3) consultation with Federal, State and local agencies; (4) the NRC staff's own independent review; and (5) the NRC staff's consideration of public comments received during the scoping process and on the draft supplement.

T. Joyce

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A separate notice of filing of the final supplemental environmental impact statement will be placed in the *Federal Register* through the U.S. Environmental Protection Agency. If you have any questions regarding this matter, please contact the Environmental Project Manager, Ms. Leslie Perkins at 301-415-2375, or by e-mail at Leslie.Perkins@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to be 'Bo Pham', written over a horizontal line.

Bo Pham, Chief
Project Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

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

Enclosure:
As stated

cc w/encls: Listserv

NUCLEAR REGULATORY COMMISSION

PSEG NUCLEAR, LLC

HOPE CREEK GENERATING STATION AND SALEM NUCLEAR GENERATING STATION,

UNITS 1 AND 2

DOCKET NOS. 50-272, 50-311, 50-354

NOTICE OF AVAILABILITY OF THE FINAL SUPPLEMENT 45 TO THE GENERIC
ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF NUCLEAR PLANTS

[NRC-2009-0390 AND NRC-2009-0391]

Notice is hereby given that the U.S. Nuclear Regulatory Commission (NRC) has published a final plant-specific supplement to the *Generic Environmental Impact Statement for License Renewal of Nuclear Plants* (GEIS), NUREG-1437, regarding the renewal of operating licenses NPF-57, DPR-70, and DPR-75 for an additional 20 years of operation for the Hope Creek Generating Station (HCGS) and Salem Nuclear Generating Station, Units 1 and 2 (Salem). Possible alternatives to the proposed action (license renewal) include no action and reasonable alternative energy sources.

As discussed in Section 9.4 of the final supplement, the staff determined that the adverse environmental impacts of license renewal for HCGS and Salem are not so great that preserving the option of license renewal for energy planning decision makers would be unreasonable. This recommendation is based on: (1) the analysis and findings in the GEIS; (2) information provided in the environmental report (ER) submitted by PSEG Nuclear, LLC; (3) consultation with Federal, State, and local agencies; (4) a review of pertinent documents and

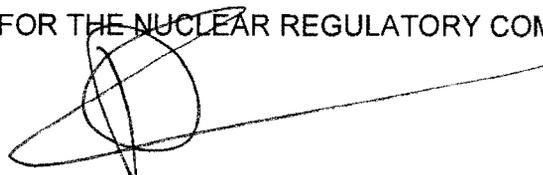
reports; and (5) consideration of public comments received during scoping and on the draft SEIS.

The final Supplement 45 to the GEIS is publicly available at the NRC Public Document Room (PDR), located at One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852, or from the NRC's Agencywide Documents Access and Management System (ADAMS). The ADAMS Public Electronic Reading Room is accessible at <http://www.nrc.gov/reading-rm/adams.html>. The accession number for the final Supplement 45 to the GEIS is ML11089A021. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS, should contact the NRC's PDR reference staff by telephone at (800) 397-4209 or (301) 415-4737, or by e-mail at pdrr@nrc.gov. In addition, the Salem Free Library, 112 West Broadway, Salem, NJ 08079, has agreed to make the final supplement available for public inspection.

FOR FURTHER INFORMATION, CONTACT: Ms. Leslie Perkins, Project Branch 1, Division of License Renewal, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Mail Stop O-11F1, Washington, DC 20555-0001. Ms. Perkins may be contacted by telephone at (800) 368-5642, extension 2375, or via e-mail at leslie.perkins@nrc.gov.

Dated at Rockville, Maryland, this 30th day of March, 2011.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, consisting of a large, stylized 'B' and 'P' intertwined, with a long horizontal line extending to the right.

Bo Pham, Chief
Project Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

T. Joyce

- 2 -

A separate notice of filing of the final supplemental environmental impact statement will be placed in the *Federal Register* through the U.S. Environmental Protection Agency. If you have any questions regarding this matter, please contact the Environmental Project Manager, Ms. Leslie Perkins at 301-415-2375, or by e-mail at Leslie.Perkins@nrc.gov.

Sincerely,

/RA/

Bo Pham, Chief
Project Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

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

Enclosure:
As stated

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*concurrence via e-mail

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NAME	SFigueroa	LPerkins	BPham
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