

August 7, 2001

LICENSEE: PSEG Nuclear LLC

FACILITY: Hope Creek Generating Station

SUBJECT: SUMMARY OF JULY 18, 2001, MEETING TO DISCUSS LICENSE CHANGE REQUEST TO INCREASE THE ALLOWABLE MAIN STEAM ISOLATION VALVE (MSIV) LEAKAGE AND TO DELETE THE MSIV SEALING SYSTEM (TAC NO. MB1970)

This summary refers to the meeting with PSEG Nuclear LLC (PSEG or the licensee) conducted on July 18, 2001, at the U.S. Nuclear Regulatory Commission (NRC) office in Rockville, Maryland. The meeting was open to the public and was held to discuss PSEG's license change request for Hope Creek Generating Station (HCGS) dated May 17, 2001 (ADAMS Accession No. ML011500295). The proposed license change would increase the allowable MSIV leakage and would delete the MSIV Sealing System. The proposed change is based on use of an alternate source term. A list of the attendees at the meeting and a copy of the slides presented by PSEG are enclosed (Enclosures 1 and 2, respectively).

The NRC Project Manager for HCGS gave a brief background concerning the issues associated with the license change request as follows:

- 1) The May 17, 2001, submittal from PSEG requested that the NRC review be completed by the end of September 2001. Due to the short requested review time, PSEG suggested a working level meeting in order to facilitate the NRC's review.
- 2) PSEG had previously (December 1998) requested a similar license change request to increase the allowable MSIV leakage and to delete the MSIV Sealing System. However, the NRC could not complete the review because of an unresolved control room habitability issue. PSEG withdrew the request on August 29, 2000, and the NRC documented the completed portions of the review in a draft Safety Evaluation dated November 14, 2000 (ADAMS Accession No. ML003736445).
- 3) The current PSEG license change request addressed the control room habitability issue by increasing the assumed unfiltered leakage into the control room from 10 cfm to 900 cfm and by scheduling tracer gas testing to confirm this assumption. In addition, the license change request is based on use of an alternate source term in accordance with 10 CFR 50.67.
- 4) On July 12, 2001, the NRC faxed proposed items for discussion for the meeting based on the NRC's review to date (ADAMS Accession No. ML011970175). In a telephone conversation with the NRC on July 17, 2001, the licensee stated that they intended to give a presentation at the meeting to address the issues in the facsimile.

The PSEG presentation closely followed the material in their slides. The following major topics were discussed:

- 1) License change request overview;
- 2) Atmospheric dispersion values (X/Q) methodology/calculations;
- 3) Meteorological data considerations;
- 4) Onsite/Offsite dose analyses; and
- 5) Suppression pool pH calculation results.

PSEG stated that they will submit a supplement to the license change request in order to docket the information provided during their presentation. Specifically, this information includes:

- 1) Sensitivity calculation related to aerosol plateout in the main steamlines;
- 2) Assumptions regarding aerosol removal credit in the drywell by natural deposition;
- 3) Considerations regarding the operability and reliability of the main drain valves (HV-F070A, B, C, and D with its 1/8" bypass orifices), main steam header valve (HV-F072), and main steam drain header bypass valve (HV-F069);
- 4) Design and operational features of the Standby Liquid Control System (SLCS) including suppression pool pH calculation;
- 5) References (e.g., Updated Final Analysis Report sections/figures) for containment post-accident pressure response and Filtration, Recirculation, and Ventilation System flow rates related to alternate source term calculation;
- 6) Relative locations, dimensions, configuration, assumptions, etc., related to turbine building louvers and control room air intake;
- 7) Details regarding the guidelines used for the onsite meteorological program;
- 8) Meteorological input data; and
- 9) Inputs, assumptions, and bases related to ARCON96 calculations.

The licensee's plans regarding the proposed tracer gas testing and evaluation of tracer gas test results were discussed. The NRC staff indicated that they may be interested in observing some of the testing. The PSEG staff stated that they would call the NRC Project Manager and provide the schedule and scope of the testing.

/RA/

Richard B. Ennis, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-354

Enclosures: 1. Attendance List
2. PSEG Slides

cc w/encls: See next page

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RJenkins	TClark	DStarkey	

Accession No. **ML012110136**

OFFICE	PDI-2/PM	PDI-2/LA	SPSB/BC (A)	PDI-2/SC
NAME	REnnis	TClark	MReinhart	JClifford
DATE	7/31/01	7/31/01	8/1/01	8/6/01

OFFICIAL RECORD COPY

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MEETING ATTENDANCE LIST

Licensee: PSEG Nuclear LLC
Plant: Hope Creek Generating Station
Subject: License Change Request to increase the allowable MSIV Leakage and to delete the MSIV Sealing System (TAC No. MB1970)

Date: July 18, 2001 Time: 10:30 a.m

Location: NRC Offices, OWFN Room 10-B4

<u>NAME</u>	<u>POSITION</u>	<u>ORGANIZATION</u>
J. Clifford	Section Chief	NRC/NRR/DLPM/PDI-2
R. Ennis	Project Manager	NRC/NRR/DLPM/PDI-2
J. Lee	Senior Health Physicist	NRC/NRR/DSSA/SPSB
J. Hayes	Senior Health Physicist	NRC/NRR/DSSA/SPSB
K. Parczewski	Senior Chemical Engineer	NRC/NRR/DE/EMCB
D. Starkey	Project Manager	NRC/NRR/DLPM/PDI-2
T. Tate	Project Manager	NRC/NRR/DLPM/PDI-2
G. Salamon	Nuclear Safety & Licensing Manager	PSEG
J. Nagle	Licensing Supervisor	PSEG
R. DeNight	Project Engineering Supervisor	PSEG
J. Duffy	Senior Staff Engineer	PSEG
B. Barkley	Project Engineer	PSEG
R. Yewdall	Engineer	PSEG
G. Patel	PSEG Contractor	NUCORE
J. Metcalf	PSEG Contractor	Polestar
R. Pinney	Research Scientist I	New Jersey Department of Environmental Protection