

May 2, 2001

MEMORANDUM TO: James W. Clifford, Chief, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

FROM: Richard B. Ennis, Project Manager, Section 2 **/RA/**  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

SUBJECT: HOPE CREEK GENERATING STATION, FACSIMILE TRANSMISSION,  
ISSUES TO BE DISCUSSED IN AN UPCOMING CONFERENCE CALL  
(TAC NO. MB0644)

The attached information was transmitted by facsimile on May 1, 2001, to Mr. Brian Thomas of PSEG Nuclear LLC (the licensee). This information was transmitted to facilitate a upcoming conference call in order to clarify the licensee's submittal dated December 1, 2000. In the submittal, the licensee requested a revision to the Hope Creek Generating Station (HCGS) Facility Operating License and Technical Specifications to increase the HCGS licensed power level by approximately 1.4%. This memorandum and the attachment do not convey or represent an NRC staff position regarding the HCGS power uprate request.

Docket No. 50-354

Attachment: Issues for Discussion in Upcoming Telephone Conference

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Attachment: Issues for Discussion in Upcoming Telephone Conference

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Issues for Discussion in Upcoming Telephone Conference  
Related to PSEG License Change Request H00-05, dated December 1, 2000  
Hope Creek Generating Station  
1.4% Power Uprate

- 1) Attachment 1, Section 13.5 of the submittal states that the changes due to the proposed power uprate will have minimal effect on the plant simulator. Are the changes to the simulator being made in accordance with ANSI/ANS 3.5, "Nuclear Power Plant Simulators for Use in Operator Training?" If so, what revision of the standard is being applied? If ANSI/ANS 3.5 is not being used, please provide an explanation.
  
- 2) Attachment 1, Section 5.2 of the submittal discusses reactor overpressure protection analysis and states that the peak vessel bottom pressure is 1331 psig which is below the 1375 psig ASME limit. This section also states that the ASME limit of 1375 psig is 110% of the design value. Attachment 1, Section 15.2 of the submittal discusses fuel related overpressure protection analysis and states that there is more than 100 psi margin to the ASME 110% peak pressure design criteria (i.e., 1375 psig). Please clarify the apparent discrepancy between these two sections and verify that the peak pressure is 1331 psig.