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United States Nuclear Regulatory Commission  
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Washington, DC 20555

Hope Creek Generating Station  
Facility Operating License No. NPF-57  
NRC Docket No. 50-354

**Subject: Supplement to License Amendment Request H09-06 to Adopt TSTF-460, REVISION 0, "CONTROL ROD SCRAM TIMES"**

**References:** (1) Letter from PSEG to NRC, "License Amendment Request to Adopt TSTF-460, Revision 0, Control Rod Scram Times," dated December 1, 2009  
(2) Letter from PSEG to NRC, "Supplement to License Amendment Request H09-06 to Adopt TSTF-460, Revision 0, Control Rod Scram Times," dated July 23, 2010

In Reference 1, PSEG Nuclear LLC (PSEG) submitted a license amendment request for Hope Creek Generating Station (HCGS). The request would revise Technical Specification (TS) testing frequency for the surveillance requirement (SR) in existing TS 3.1.3.2, "Control Rod Maximum Scram Insertion Times." These changes are based on TS Task Force (TSTF) change traveler TSTF-460 (Revision 0) that has been approved generically for the boiling water reactor (BWR) Standard TS, NUREG-1433 (BWR/4) and NUREG-1434 (BWR/6) by revising the frequency of STS SR 3.1.4.2, control rod scram time testing, from "at least once per 120 days of POWER OPERATION" to "at least once per 200 days of POWER OPERATION." A notice announcing the availability of this proposed TS change using the Consolidated Line Item Improvement Process was published in the Federal Register on August 23, 2004 (69 FR 51854).

In Reference 2, PSEG corrected a typographical error in Section 6.0 "Commitments" of Attachment 1, page 12 of 14. Specifically, the section did not correctly reference the specific commitments made by PSEG in Attachment 4 of the submittal.

At the NRC's request PSEG is submitting an additional supplement to this license amendment request, which will modify the technical specification mark ups submitted to the NRC in Reference 1. The revised pages are editorial in nature and do not modify the intent of the license amendment request. To ensure there is consistency within the section and reduce confusion, the proposed change will insert the word "Deleted" to page v of the Index and page 3/4 1-8. The revised mark ups are Attachment 1 to this letter.

*ADD/  
NRC*

PSEG has reviewed the information supporting a finding of no significant hazards consideration that was provided to the NRC in References 1 and 2. The additional information provided in this letter does not affect the conclusion that the proposed license amendment does not involve a significant hazards consideration.

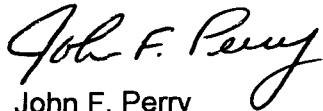
There are no regulatory commitments contained in this submittal.

If you have any questions or require additional information, please do not hesitate to contact Mrs. Erin West at (856) 339-5411.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on 8/19/10  
(Date)

Sincerely,



John F. Perry  
Site Vice President – Hope Creek

Attachment

Marc L. Dapas, Acting Regional Administrator - NRC Region I  
R. Ennis, Project Manager - USNRC  
NRC Senior Resident Inspector – Hope Creek  
P. Mulligan, Manager IV, NJBNE  
Commitment Coordinator – Hope Creek  
PSEG Commitment Coordinator - Corporate

ATTACHMENT 1

**TECHNICAL SPECIFICATION PAGES: REVISED:**  
**LICENSE AMENDMENT TO ADOPT TSTF 460, REV 0.**

The following Technical Specifications for HCGS (Facility Operating License NPF-57) are the revised pages affected by this change request:

TS No.	Title	Page
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## REACTIVITY CONTROL SYSTEMS

### FOUR CONTROL ROD GROUP SCRAM INSERTION TIMES

#### LIMITING CONDITION FOR OPERATION

3.1.3.4 ~~The average scram insertion time, from the fully withdrawn position, for the three fastest control rods in each group of four control rods arranged in a two by two array, based on deenergization of the scram pilot valve solenoids at time zero, shall not exceed any of the following:~~

<del>Position Inserted From Fully Withdrawn</del>	<del>Average Scram Insertion Time (Seconds)</del>
<del>45</del>	<del>0.45</del>
<del>39</del>	<del>0.92</del>
<del>25</del>	<del>2.05</del>
<del>05</del>	<del>3.70</del>

~~APPLICABILITY: OPERATIONAL CONDITIONS 1 and 2.~~

#### ~~ACTION:~~

- ~~a. With the average scram insertion times of control rods exceeding the above limits:~~
  - ~~1. Declare the control rods with the slower than average scram insertion times inoperable until an analysis is performed to determine that required scram reactivity remains for the slow four control rod group, and~~
  - ~~2. Perform the Surveillance Requirements of Specification 4.1.3.2.c at least once per 60 days when operation is continued with an average scram insertion time(s) in excess of the average scram insertion time limit.~~
- ~~Otherwise, be in at least HOT SHUTDOWN within the next 12 hours.~~

#### ~~SURVEILLANCE REQUIREMENTS:~~

- ~~4.1.3.4 All control rods shall be demonstrated OPERABLE by scram time testing from the fully withdrawn position as required by Surveillance Requirement 4.1.3.2.~~