



LR-N15-0230

NOV 10 2015

Mr. Daniel Dorman, Regional Administrator – Region I
United States Nuclear Regulatory Commission
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2713

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

Subject: Summary of Courtesy Notification for “Completeness and Accuracy of Information.”

On October 15, 2015, notification was made to the NRC Region I staff that information previously supplied by PSEG to the NRC was not accurate in accordance with 10 CFR 50.9(a). The inaccurate information had been supplied in support of License Change Request (LCR) H05-01, Extended Power Uprate (EPU). A courtesy notification to the NRC was made via a phone call between Mr. William Kopchick, Hope Creek Engineering Director, and Mr. Ray Lorson, DRS Division Director, NRC Region I. As discussed during that phone call, PSEG is providing this follow-up letter to that notification.

PSEG’s application for an EPU included a steam dryer stress analysis. The analysis was performed by Continuum Dynamics, Inc. (CDI). The results of the CDI analysis were included in the PSEG submittals that supported EPU.

CDI contacted PSEG via letter in January 2014, to report a discrepancy found in the software used for calculating the acoustic pressure loads on the Hope Creek steam dryer. The error was characterized as “not significant” as it reduced the minimum alternating stress ratio at EPU conditions from 2.36 to 2.23. PSEG put this information in the Corrective Action Program.

In August 2015, as part of a Measurement Uncertainty Recapture (MUR) uprate feasibility study, PSEG requested CDI to complete an evaluation of the impact on the available steam dryer margin. Through this review, CDI has determined that the calculation error is larger than originally thought. In October 2015, PSEG received preliminary information from CDI which indicated the minimum alternating stress ratio had been reduced from 2.36 to 1.05.

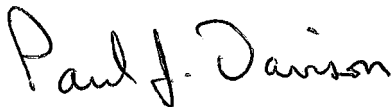
The issue has been entered into the Hope Creek Corrective Action Program. The condition was screened as functional based on stress on the steam dryer being below the ASME code limit, as well as the absence of physical parameter changes. Immediate reporting criteria were reviewed for applicability. This issue does not meet the threshold for reporting under 10 CFR 50.72.

The CDI calculation contains conservatisms that can be reduced to raise the calculated minimum alternating stress ratio margins. These conservatisms are being reviewed to determine if additional margin can be credited. As a condition of the EPU license amendment, Hope Creek has performed post-EPU inspections of the steam dryer. The steam dryer inspections have not identified any issues related to EPU. Hope Creek also monitors moisture carryover as part of an on-going assessment of steam dryer material condition. Hope Creek has not observed adverse changes in moisture carryover.

There are no regulatory commitments contained in this letter.

Should you have any questions or require additional information, please contact Thomas MacEwen at (856) 339-1097.

Sincerely,



Paul J. Davison
Site Vice President
Hope Creek Generating Station

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cc: Mr. Ray Lorson, Division Director for DRS – NRC Region I
Mr. Thomas Wengert, Project Manager - USNRC
USNRC Senior Resident Inspector - Hope Creek
Mr. Patrick Mulligan, Manager IV, NJBNE
Mr. William Kopchick, Hope Creek Director of Engineering.
Mr. Lee Marabella, Corporate Commitment Tracking Coordinator
Mr. Thomas MacEwen, Hope Creek Commitment Tracking Coordinator