

NRR-DMPSPeM Resource

From: Regner, Lisa
Sent: Tuesday, November 21, 2017 4:05 PM
To: Paul.Duke@pseg.com; Thomas, Brian J.
Cc: Regner, Lisa
Subject: DRAFT Request for Additional Information - Steam Dryer Analysis

Paul, Brian,
Please see the request below. The NRC staff needs the information in the steam dryer analysis to complete its SE and make its safety determination. Please let me know if you have questions.
Lisa

REQUEST FOR ADDITIONAL INFORMATION
LICENSE AMENDMENT REQUEST FOR MEASUREMENT UNCERTAINTY RECAPTURE (MUR) POWER
UPRATE
PSEG NUCLEAR LLC (PSEG)
HOPE CREEK GENERATING STATION (HOPE CREEK)
DOCKET NO. 50-354
(CAC MF9930; EPID L-2017-LLS-0002)

By letter dated July 07, 2017 (Agencywide Documents Access and Management System Accession No. ML17188A260), PSEG Nuclear LLC (the licensee) submitted a License Amendment request for Hope Creek Generating Station (Hope Creek). The amendment would revise the Renewed Facility Operating Licenses (RFOLs) and Technical Specifications (TSs) to implement a measurement uncertainty recapture (MUR) power uprate. Specifically, the amendments would authorize an increase in the maximum licensed thermal power level from 3,840 megawatts thermal (MWt) to 3,902 MWt, which is an increase of approximately 1.61 percent above the current thermal power, or an increase of 19 percent above the original licensed thermal power (3293 MWt.).

To complete its review, the Nuclear Regulatory Commission (NRC) staff requests the following additional information.

EMIB-01

In enclosure 1 to LAR H17-03, Section 3.4.2 on Adverse Flow Effects, the licensee references steam dryer stress analysis document, but this document was not provided to the NRC. The steam dryer analysis reveals the low margin due to an Acoustic Circuit Model (ACM) code error discovered in 2015. The licensee is requested to provide the document, CDI Technical Note (TN) 16-23P, "Steam Dryer Analysis" on the docket for NRC review and to allow the NRC staff to reach a safety conclusion regarding the continued structural integrity of the steam dryer and verify the margin for high cycle fatigue stresses due to adverse flow effects.

Lisa Regner
Sr. Project Manager
NRR/DORL/LPL4
301-415-1906
O9D14

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Sent Date: 11/21/2017 4:05:08 PM
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From: Regner, Lisa

Created By: Lisa.Regner@nrc.gov

Recipients:

"Regner, Lisa" <Lisa.Regner@nrc.gov>
Tracking Status: None
"Paul.Duke@pseg.com" <Paul.Duke@pseg.com>
Tracking Status: None
"Thomas, Brian J." <Brian.Thomas@pseg.com>
Tracking Status: None

Post Office:

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MESSAGE	2046	11/21/2017 4:05:00 PM

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
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