

Davis-BesseNPEm Resource

From: CuadradoDeJesus, Samuel
Sent: Tuesday, January 10, 2012 8:07 AM
To: dorts@firstenergycorp.com
Cc: Davis-BesseHearingFile Resource
Subject: FW: Request for teleconference notes
Attachments: NRC telecon 20111109 RAI 2.3.3.18-4.pdf

Thanks

From: dorts@firstenergycorp.com [<mailto:dorts@firstenergycorp.com>]
Sent: Monday, January 02, 2012 7:16 AM
To: CuadradoDeJesus, Samuel
Cc: Harris, Brian
Subject: Re: Request for teleconference notes

Sam..... as requested...

Steve Dort
DBNPS License Renewal

From: "CuadradoDeJesus, Samuel" <Samuel.CuadradoDeJesus@nrc.gov>
To: "dorts@firstenergycorp.com" <dorts@firstenergycorp.com>
Cc: Davis-BesseHearingFile Resource <Davis-BesseHearingFile.Resource@nrc.gov>
Date: 12/29/2011 06:13 PM
Subject: Request for teleconference notes

Steve,

Can you send me a copy of you 11/9/2011 teleconference summary?

Regards,

Samuel Cuadrado de Jesús

Project Manager

Projects Branch 1

Division of License Renewal

U.S. Nuclear Regulatory Commission

Phone: 301-415-2946

Samuel.CuadradoDeJesus@nrc.gov

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Hearing Identifier: Davis_BesseLicenseRenewal_Saf_NonPublic
Email Number: 3073

Mail Envelope Properties (377CB97DD54F0F4FAAC7E9FD88BCA6D0806FC512FD)

Subject: FW: Request for teleconference notes
Sent Date: 1/10/2012 8:06:57 AM
Received Date: 1/10/2012 8:07:00 AM
From: CuadradoDeJesus, Samuel

Created By: Samuel.CuadradoDeJesus@nrc.gov

Recipients:

"Davis-BesseHearingFile Resource" <Davis-BesseHearingFile.Resource@nrc.gov>
Tracking Status: None
"dorts@firstenergycorp.com" <dorts@firstenergycorp.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	1568	1/10/2012 8:07:00 AM
NRC telecon 20111109 RAI 2.3.3.18-4.pdf		23407

Options

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

TO: File **DATE:** November 9, 2011
FROM: Larry Hinkle
SUBJECT: NRC Telecon Regarding Davis-Besse License Renewal

NRC Attendees: Sam Cuadrado de Jesus, James Gavula

FENOC Attendees: Cliff Custer, Steven Dort, Larry Hinkle, Allen McAllister, Don Kosloff

This telephone conference call was initiated by Sam Cuadrado de Jesus, NRC Project Manager for Davis-Besse License Renewal. The telecon took place at 10:30 AM on November 9, 2011. The purpose of the call was to discuss the FENOC response to NRC request for additional information (RAI) 2.3.3.18-4 submitted by FENOC letter dated October 21, 2011.

In its response to RAI 2.3.3.18-4 dated October 21, 2011, the applicant stated that the “letdown coolers are in continuous service and not subject to cyclic loading, eddy current testing of tubes for managing cyclic loading is therefore not applicable.” However, the staff noted that in its August 17, 2011, response to an RAI, the applicant stated that the B&W report regarding the reliability of letdown coolers identified the cause of the recurring tube leaks as fatigue cracking likely initiated by flow-induced vibration.

Issue:

While the staff agrees that the coolers may be in continuous service, there does not appear to be a technical basis for stating that the coolers are not subject to cyclic loading, based on the information previously provided by the applicant. Unless there is some previously undisclosed additional information, fatigue cracking due to flow-induced vibration appears to demonstrate that the letdown cooler tubes are subject to cyclic loading.

After discussions, FENOC agreed that the statement, “The coolers are in continuous service and not subject to cyclic loading...,” only considered thermal fatigue (i.e., low cycle fatigue). Since the coolers are subject to fatigue cracking due to flow-induced vibration (i.e., high cycle fatigue), FENOC agreed to delete or modify the statement.

In addition, FENOC agreed to provide a supplemental response to RAI 2.3.3.18-4 to include an enhancement to the Closed Cooling Water Chemistry Program to ensure that component cooling water radiochemistry is sampled on a periodic basis to verify the integrity of the letdown coolers.

Action: FENOC to provide a supplemental response to RAI 2.3.3.18-4 to address the above issues.

There was no further discussion, and the call was concluded.