

Davis-BesseNPEm Resource

From: CuadradoDeJesus, Samuel
Sent: Wednesday, December 07, 2011 3:28 PM
To: dorts@firstenergycorp.com; custerc@firstenergycorp.com
Cc: Davis-BesseHearingFile Resource
Subject: FW: Davis Besse Clarification Questions for SG Tube-to-tubesheet Welds
Attachments: DB DRAI 3 1 2 2 16-3 Tube to tubesheet welds v3 12-7-2011 to PM.docx

Cliff and Steve:

Please let me know if we can have a teleconference next Monday to discuss our staff concerns related to your latest response addressing the SG tube to tubesheet welds issue(see attached Draft RAI).

From: Min, Seung
Sent: Wednesday, December 07, 2011 2:41 PM
To: CuadradoDeJesus, Samuel
Cc: Karwoski, Kenneth; Hunt, Christopher; Davis-BesseHearingFile Resource
Subject: Davis Besse Clarification Questions for SG Tube-to-tubesheet Welds

Sam,

As we briefly discussed, the attached file contains follow-up clarification question for DB RAI 3.1.2.2.16-2. The DCI reviewer (Chris) for the SG Program agreed to the need for a teleconference call.

Please, schedule a teleconference call with the applicant:
If available, our preference is as early as Monday, December 12.

Let me know if you have any question.

Thanks,
Seung Min

Hearing Identifier: Davis_BesseLicenseRenewal_Saf_NonPublic
Email Number: 2837

Mail Envelope Properties (377CB97DD54F0F4FAAC7E9FD88BCA6D0806F8F5EA6)

Subject: FW: Davis Besse Clarification Questions for SG Tube-to-tubesheet Welds
Sent Date: 12/7/2011 3:28:29 PM
Received Date: 12/7/2011 3:28:30 PM
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
"custerc@firstenergycorp.com" <custerc@firstenergycorp.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time	
MESSAGE	912	12/7/2011 3:28:30 PM	
DB DRAI 3 1 2 2 16-3 Tube to tubesheet welds v3 12-7-2011 to PM.docx			35860

Options

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

DB DRAI 3.1.2.2.16-3

Background

By letter dated November 23, 2011, the applicant responded to RAI 3.1.2.2.16-2, which addresses the extent and method of the inspections to manage cracking due to primary water stress corrosion cracking (PWSCC) of the steam generator (SG) tube-to-tubesheet welds. In its response, the applicant indicated that a gross visual inspection coupled with eddy-current inspections will be performed on the steam generator tube-to-tubesheet welds. The applicant also indicated that the inspection schedule will be concurrent with the eddy-current inspections of the SG tubes in accordance with Davis-Besse Technical Specification 5.5.8, "Steam Generator (SG) Program." The applicant further indicated that at a minimum, 100% of the tubes are inspected at sequential periods of 60 effective full power months.

Issue

In its review, the staff noted that it is not clear if the visual inspection of the tube-to-tubesheet welds will include the welds on the hot leg, cold leg, or both legs. The staff also needs more clarifications on the extent and methods of the inspections addressed in the applicant's response.

Request

1. Clarify if the gross visual inspection will be conducted on the welds on the hot leg, cold leg, or both legs. In addition, describe the extent of the visual inspection, and clarify if the gross visual inspection will be conducted on each tube-to-tubesheet weld.
2. Clarify whether the gross visual inspection is equivalent to EVT-1, VT-1, or VT-3 inspection. In addition, describe how the visual inspections will be coupled to the eddy-current inspections in order to detect and manage the aging effect.