

## **NRR-PMDAPEm Resource**

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**From:** Saba, Farideh  
**Sent:** Tuesday, September 03, 2013 10:21 AM  
**To:** Hess, Thomas A (tahess@tva.gov)  
**Subject:** Browns Ferry Unit Exigent amendment additional RAI  
**Attachments:** MF2564\_ BFN-1 P-T Curve Additional RAI.docx

**Importance:** High

Tom,

Attached is the additional RAI regarding the Browns Ferry Unit 1 exigent amendment to remove the notes from the P-T curves in the TSSs.

I am asking for your prompt response to this RAI, so that the NRC staff can continue with the review of your exigent response.

Thanks,

Farideh

Farideh E. Saba, P.E.  
Senior Project Manager  
NRC/ADRO/NRR/DORL  
301-415-1447  
Mail Stop O-8G9A  
[Farideh.Saba@NRC.GOV](mailto:Farideh.Saba@NRC.GOV)

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**From:** Saba, Farideh

**Created By:** Farideh.Saba@nrc.gov

**Recipients:**  
"Hess, Thomas A (tahess@tva.gov)" <tahess@tva.gov>  
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**Options**  
**Priority:** High  
**Return Notification:** No  
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REQUEST FOR ADDITIONAL INFORMATION REGARDING  
TENNESSEE VALLEY AUTHORITY'S  
LICENSE AMENDMENT REQUEST UNDER EXIGENT CIRCUMSTANCES  
TO REMOVE THE NOTES  
ON TECHNICAL SPECIFICATION FIGURES 3.4.9-1 AND 3.4.9-2  
FOR BROWNS FERRY NUCLEAR PLANT, UNIT 1  
DOCKET NO. 50-259 (TAC NO. MF2564)

The Nuclear Regulatory Commission (NRC) staff has reviewed the information provided by Tennessee Valley Authority (TVA, the licensee) for Browns Ferry Nuclear Plant, Unit 1 (BFN-1) in its letters dated August 14, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13227A103) and August 21, 2013 (ADAMS Accession No. ML13235A308), and has determined that additional information is necessary to complete the review of TVA's License Amendment Request (LAR).

Based on the staff's review of TVA's LAR and responses to the NRC's Request for Additional Information (RAI), please address the following additional request:

**RAI 3**

Section IV of Appendix H, "Reactor Vessel Material Surveillance Program Requirements," to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, "Domestic Licensing of Production and Utilization Facilities," specifies requirements for reporting of test results for capsules withdrawn from the reactor pressure vessel (RPV) in accordance with an approved RPV materials surveillance program. Those requirements specify, in part, that summary test reports are due within one year after the date of capsule withdrawal unless an extension is granted by the Director, Office of Nuclear Reactor Regulation (NRR), and if a change in the Technical Specifications is required, either in the pressure-temperature (P-T) limits or in the operating procedures required to meet the limits, the expected date for submittal of the revised Technical Specifications must be provided with the report.

By letter dated August 14, 2008 (ADAMS Accession No. ML081760567), the NRC issued Amendment No. 273 to Renewed Facility Operating License No. DPR-33 for the BFN-1 that allowed utilization of the BWR Vessel and Internals Project (BWRVIP) Integrated Surveillance Program (ISP) at BFN-1. The most recent implementation plan for the BWRVIP ISP is documented in EPRI Technical Report No. 1025144NP, "BWRVIP-86NP, Revision 1-A: BWR Vessel and Internals Project, Updated BWR Integrated Surveillance Program (ISP) Implementation Plan," May 2013 (ADAMS Accession No. ML13176A097).

During a conference call on August 29, 2013, the licensee stated that the BWRVIP ISP indicates that representative surveillance material source capsule data from the following test

ENCLOSURE

reports are applicable to BFN-1:

- EPRI Technical Report 3002000078, "BWRVIP-271NP: BWR Vessel and Internals Project, Testing and Evaluation of the Browns Ferry Unit 2 120° Capsule," April 2013 (ADAMS Accession No. ML13227A353).
- EPRI Technical Report 1021553, "BWRVIP-87NP, Revision 1: BWR Vessel and Internals Project, Testing and Evaluation of BWR Supplemental Surveillance Program Capsules D, G, and H," August 2010 (ADAMS Accession No. ML080770344).
- EPRI Technical Report 1021554, "BWRVIP-111NP, Revision 1: BWR Vessel and Internals Project: Testing and Evaluation of BWR Supplemental Surveillance Program Capsules E, F and I," August 2010 (ADAMS Accession No. ML080780267).
- EPRI Technical Report 1021556, "BWRVIP-169NP: BWR Vessel and Internals Project, Testing and Evaluation of BWR Supplemental Surveillance Program (SSP) Capsules A, B, and C," August 2010 (ADAMS Accession No. ML071510579).

Identify whether the test results from these four test reports have an impact on the 16 EFPY P-T curves for BFN-1 included in TVA's LAR. If there is an impact on the P-T limits or in the operating procedures required to meet the limits for BFN-1, please explain the impact and identify the expected date for submittal of revised Technical Specifications that will address the impact. If there is no impact on the P-T limits or in the operating procedures required to meet the limits for BFN-1, please explain why.