

June 23, 2004

Bill Eaton, BWRVIP Chairman
Entergy Operations, Inc.
Echelon One
1340 Echelon Parkway
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SUBJECT: SUPPLEMENTARY REQUEST FOR ADDITIONAL INFORMATION
REGARDING BWRVIP-116, "BWR VESSEL AND INTERNALS PROJECT
INTEGRATED SURVEILLANCE PROGRAM (ISP) IMPLEMENTATION FOR
LICENSE RENEWAL"

Dear Mr. Eaton:

By letter dated July 29, 2003, you submitted for NRC staff review, Electric Power Research Institute (EPRI) proprietary report, BWRVIP-116, "BWR Vessel and Internals Project Integrated Surveillance Program (ISP) Implementation for License Renewal." The purpose of this report is to support generic regulatory improvements related to surveillance programs for monitoring changes in BWR reactor pressure vessel material properties due to neutron irradiation.

The staff had initially submitted a request for additional information (RAI) for the BWRVIP-116 report on March 29, 2004. The staff then determined the need for a supplementary RAI with respect to the BWRVIP-116 report and the inclusion of Browns Ferry, Unit 1, to the integrated surveillance program. The staff's supplementary RAI that is needed to complete the review of the BWRVIP-116 report is provided in the attachment. Please contact Meena Khanna of my staff at 301-415-2150 if you have any further questions regarding this subject.

Sincerely,

/RA/

Matthew A. Mitchell, Acting Chief
Vessels & Internals Integrity and Welding Section
Materials and Chemical Engineering Branch
Division of Engineering

Project No. 704
Enclosure: As stated

cc: BWRVIP Service List

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SUPPLEMENTARY REQUEST FOR ADDITIONAL INFORMATION REGARDING
BWRVIP-116: BWR VESSEL AND INTERNALS PROJECT INTEGRATED
SURVEILLANCE PROGRAM (ISP) IMPLEMENTATION
FOR LICENSE RENEWAL

SUPPLEMENTARY RAI 116-1

BWRVIP-116 provides guidelines for an integrated surveillance program (ISP) to monitor neutron irradiation embrittlement of the reactor vessel beltline materials for all U.S. boiling water reactor (BWR) power plants for the license renewal period. Currently, the Browns Ferry, Unit 1 application to renew their license is in review at the NRC. However, BWRVIP-116 does not include Browns Ferry, Unit 1 in the ISP. Discuss how Browns Ferry, Unit 1 will be incorporated into BWRVIP-116 and provide an evaluation of the vessel to capsule material compatibility for the limiting plate and weld as was performed for the ISP program similar to the other plants specified in BWRVIP-86-A and BWRVIP-116.

ENCLOSURE