

2012-040 _____ BWR Vessel & Internals Project (BWRVIP)

February 7, 2012

Document Control Desk
U. S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

Attention: Andrew Hon

Subject: Project No. 704 – BWRVIP-100, Revision 1: BWR Vessel and Internals Project,
Updated Assessment of the Fracture Toughness of Irradiated Stainless Steel for
BWR Core Shrouds”

Enclosed are five (5) paper copies of the report “BWRVIP-100, Revision 1: BWR Vessel and Internals Project, Updated Assessment of the Fracture Toughness of Irradiated Stainless Steel for BWR Core Shrouds,” EPRI Technical Report 1021001. This report is being transmitted to the NRC staff as a means of exchanging information with the NRC for the purpose of supporting generic regulatory improvements related to the assessment of the fracture toughness of irradiated stainless steel for BWR core shrouds.

A previous version of this report, BWRVIP-100-A comprises the NRC-approved version of the report. The enclosed report (BWRVIP-100, Revision 1) incorporates new data from materials irradiated in operating BWRs, and from materials irradiated in a test reactor as reported in NUREG/CR-6960, which supersedes NUREG/CR-6826.

The BWRVIP requests that NRC review of BWRVIP-100, Revision 1 be performed on a fee exempt basis and a separate BWRVIP letter to the NRC Chief Financial Officer is being transmitted requesting a fee exemption.

Please note that the enclosed report contains proprietary information. All proprietary information is highlighted with brackets and yellow shading. The proprietary information is also marked with the letters “TS” in the margin indicating that information is considered trade secrets in accordance with 10CFR2.390. A letter requesting that the report be withheld from public disclosure and an affidavit describing the basis for withholding this information are provided as Attachment 1.

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NR*

BWRVIP 2012-040

Two paper copies of the non-proprietary report "BWRVIP-100NP, Revision 1: BWR Vessel and Internals Project, Updated Assessment of the Fracture Toughness of Irradiated Stainless Steel for BWR Core Shrouds," EPRI Technical Report 1021001NP, are also enclosed. This non-proprietary report is identical to the enclosed proprietary report except that the proprietary information has been deleted and the letters "NP" appear in the BWRVIP report number.

If you have any questions on this subject please call Randy Schmidt (PSEG Nuclear, BWRVIP Assessment Focus Group Chairman) at 856-339-3740.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Czufin", with a stylized flourish at the end.

Dave Czufin
Exelon
Chairman, BWR Vessel and Internals Project