

2016-098 \_\_\_\_\_ BWR Vessel & Internals Project (BWRVIP)

September 26, 2016

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

Attention: Joseph Holonich

Subject: Project No. 704 – Transmittal of “BWRVIP-25, Revision 1: BWR Vessel and Internals Project, BWR Core Plate Inspection and Flaw Evaluation Guidelines”

Enclosed are five (5) copies of the report “BWRVIP-25, Revision 1: BWR Vessel and Internals Project, BWR Core Plate Inspection and Flaw Evaluation Guidelines,” EPRI Technical Report 3002005594. 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 BWR core plate inspection and flaw evaluations.

A previous version of this report, BWRVIP-25, was submitted to the NRC. The enclosed report addresses inspectability issues that were encountered by the plants in trying to implement the core plate bolting inspection requirements of BWRVIP-25 and also addresses open issues that were identified in the NRC’s final safety evaluation for BWRVIP-25.

BWRVIP requests that the NRC review of “BWRVIP-25, 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 yellow shading. Pages containing the proprietary information are also marked with the letters “TS” in the footer area indicating that the highlighted 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.

Two paper copies of the non-proprietary report “BWRVIP-25NP, Revision 1: BWR Vessel and Internals Project, BWR Core Plate Inspection and Flaw Evaluation Guidelines,” EPRI Technical Report 3002005594NP, are also enclosed. This non-proprietary report is identical to the

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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 contact Drew Odell (Exelon), BWRVIP Integration Committee Technical Chairman, by telephone at 610.212.1155 or by e-mail at [andrew.odell@exeloncorp.com](mailto:andrew.odell@exeloncorp.com).

Sincerely,

Handwritten signatures of Andrew McGehee and Tim Hanley. Andrew McGehee's signature is on the left, and Tim Hanley's signature is on the right.

Andrew McGehee, EPRI, BWRVIP Program Manager  
Tim Hanley, Exelon, BWRVIP Chairman



**NEIL WILMSHURST**  
Vice President and  
Chief Nuclear Officer

*Ref. EPRI Project Number 669*

September 12, 2016

Document Control Desk  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**Subject: Request for Withholding of the following Proprietary Information Included in:**

BWRVIP-25, Revision 1: BWR Vessel and Internals Project, BWR Core Plate Inspection and Flaw Evaluation Guidelines, EPRI Technical Report 3002005594

To Whom It May Concern:

This is a request under 10 C.F.R. §2.390(a)(4) that the U.S. Nuclear Regulatory Commission ("NRC") withhold from public disclosure the report identified in the enclosed Affidavit consisting of the proprietary information owned by Electric Power Research Institute, Inc. ("EPRI") identified in the attached report. Proprietary and non-proprietary versions of the Report and the Affidavit in support of this request are enclosed.

EPRI desires to disclose the Proprietary Information in confidence as a means of exchanging technical information with the NRC. The Proprietary Information is not to be divulged to anyone outside of the NRC or to any of its contractors, nor shall any copies be made of the Proprietary Information provided herein. EPRI welcomes any discussions and/or questions relating to the information enclosed.

If you have any questions about the legal aspects of this request for withholding, please do not hesitate to contact me at (704) 595-2732. Questions on the content of the Report should be directed to Andy McGehee of EPRI at (704) 502-6440.

Sincerely,

A handwritten signature in black ink, appearing to read "Neil Wilmshurst", is written over the word "Sincerely,".

Attachment(s)

cc: Sheldon Stuchell, NRC (sheldon.stuchell@nrc.gov)

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## AFFIDAVIT

**RE: Request for Withholding of the Following Proprietary Information Included In:**

BWRVIP-25, Revision 1: BWR Vessel and Internals Project, BWR Core Plate Inspection and Flaw Evaluation Guidelines, EPRI Technical Report 3002005594

I, Neil Wilmshurst, being duly sworn, depose and state as follows:

I am the Vice President and Chief Nuclear Officer at Electric Power Research Institute, Inc. whose principal office is located at 1300 W WT Harris Blvd, Charlotte, NC. ("EPRI") and I have been specifically delegated responsibility for the above-listed report that contains EPRI Proprietary Information that is sought under this Affidavit to be withheld "Proprietary Information". I am authorized to apply to the U.S. Nuclear Regulatory Commission ("NRC") for the withholding of the Proprietary Information on behalf of EPRI.

EPRI Proprietary Information is identified in the above referenced report by yellow highlighting with the letters "TS" indicating "Trade Secrets" at the bottom of each page. An example of such identification is as follows:

This sentence is an example<sup>(E)</sup> TS

Tables containing EPRI Proprietary Information are identified with double square brackets before and after the object. In each case, the superscript notation <sup>(E)</sup> refers to this affidavit as the basis for the proprietary determination.

EPRI requests that the Proprietary Information be withheld from the public on the following bases:

Withholding Based Upon Privileged And Confidential Trade Secrets Or Commercial Or Financial Information (see e.g., 10 C.F.R. § 2.390(a)(4)):

a. The Proprietary Information is owned by EPRI and has been held in confidence by EPRI. All entities accepting copies of the Proprietary Information do so subject to written agreements imposing an obligation upon the recipient to maintain the confidentiality of the Proprietary Information. The Proprietary Information is disclosed only to parties who agree, in writing, to preserve the confidentiality thereof.

b. EPRI considers the Proprietary Information contained therein to constitute trade secrets of EPRI. As such, EPRI holds the Information in confidence and disclosure thereof is strictly limited to individuals and entities who have agreed, in writing, to maintain the confidentiality of the Information.

c. The information sought to be withheld is considered to be proprietary for the following reasons. EPRI made a substantial economic investment to develop the Proprietary Information and, by prohibiting public disclosure, EPRI derives an economic benefit in the form of licensing royalties and other additional fees from the confidential nature of the Proprietary Information. If the Proprietary Information were publicly available to consultants and/or other businesses providing services in the electric and/or nuclear power industry, they would

be able to use the Proprietary Information for their own commercial benefit and profit and without expending the substantial economic resources required of EPRI to develop the Proprietary Information.

d. EPRI's classification of the Proprietary Information as trade secrets is justified by the Uniform Trade Secrets Act which California adopted in 1984 and a version of which has been adopted by over forty states. The California Uniform Trade Secrets Act, California Civil Code §§3426 – 3426.11, defines a "trade secret" as follows:

"Trade secret" means information, including a formula, pattern, compilation, program device, method, technique, or process, that:

(1) Derives independent economic value, actual or potential, from not being generally known to the public or to other persons who can obtain economic value from its disclosure or use; and

(2) Is the subject of efforts that are reasonable under the circumstances to maintain its secrecy."

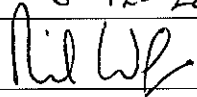
e. The Proprietary Information contained therein are not generally known or available to the public. EPRI developed the Information only after making a determination that the Proprietary Information was not available from public sources. EPRI made a substantial investment of both money and employee hours in the development of the Proprietary Information. EPRI was required to devote these resources and effort to derive the Proprietary Information. As a result of such effort and cost, both in terms of dollars spent and dedicated employee time, the Proprietary Information is highly valuable to EPRI.

f. A public disclosure of the Proprietary Information would be highly likely to cause substantial harm to EPRI's competitive position and the ability of EPRI to license the Proprietary Information both domestically and internationally. The Proprietary Information can only be acquired and/or duplicated by others using an equivalent investment of time and effort.

I have read the foregoing and the matters stated herein are true and correct to the best of my knowledge, information and belief. I make this affidavit under penalty of perjury under the laws of the United States of America and under the laws of the State of North Carolina.

Executed at 1300 W WT Harris Blvd being the premises and place of business of Electric Power Research Institute, Inc.

Date: 9-12-2016

  
Neil Wilmshurst

(State of North Carolina)  
(County of Mecklenburg)

Subscribed and sworn to (or affirmed) before me on this 12<sup>th</sup> day of September, 2016, by  
Neil Wilmschmit, proved to me on the basis of satisfactory evidence to be  
the person(s) who appeared before me.

Signature Deborah H. Rouse (Seal)

My Commission Expires 2<sup>nd</sup> day of April, 2021

