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February 22, 2016

Mr. Tim Hanley
Senior Vice President West Operations, Exelon
Chairman, BWR Vessel and Internals Project
3420 Hillview Avenue
Palo Alto, CA 94304-1395

SUBJECT: FINAL PROPRIETARY SAFETY EVALUATION FOR ELECTRIC POWER RESEARCH INSTITUTE TOPICAL REPORT “BWRVIP-18, REVISION 2: BOILING WATER REACTOR VESSEL AND INTERNALS PROJECT, BOILING WATER REACTOR VESSEL CORE SPRAY INTERNALS INSPECTION AND FLAW EVALUATION GUIDELINES” (TAC NO. MF8809)

Dear Mr. Hanley:

By letter dated May 9, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12139A153), the Electric Power Research Institute (EPRI) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) Boiling Water Reactor (BWR) Vessel Internals Project (BWRVIP)-18, Revision 2, “BWR Core Spray Internals Inspection and Flaw Evaluation Guidelines.”

By letter dated November 12, 2015 (ADAMS Accession No. ML15294A003), an NRC draft safety evaluation (SE) was provided for your review and comment. By letter dated December 3, 2015 (ADAMS Package Accession No. ML16015A412), EPRI provided comments on the NRC draft SE. The comments provided by EPRI were related to identification of proprietary information in the draft SE and a few clarification recommendations. The NRC staff disposition of the comments are provided in the appendix to the SE.

The NRC staff has found that TR BWRVIP-18, Revision 2, is acceptable for referencing in licensing applications for nuclear power plants to the extent specified and under the limitations delineated in the TR and in the enclosed final proprietary SE. The final proprietary SE defines the basis for our acceptance of the TR.

Our acceptance applies only to material provided in the subject TR. We do not intend to repeat our review of the acceptable material described in the TR. When the TR appears as a reference in license applications, our review will ensure that the material presented applies to the specific plant involved. License amendment requests that deviate from this TR will be subject to a plant-specific review in accordance with applicable review standards.

NOTICE: Enclosure transmitted herewith contains SUNSI information. When separated from the Enclosure, this transmittal document is decontrolled.

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T. Hanley

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In accordance with the guidance provided on the NRC website, we request that EPRI publish approved proprietary and non-proprietary versions of TR BWRVIP-18 within three months of receipt of this letter. The approved versions shall incorporate this letter and the enclosed final proprietary SE after the title page. Also, they must contain historical review information, including NRC requests for additional information and your responses. The approved versions shall include an “-A” (designating approved) following the TR identification symbol.

As an alternative to including the Requests for Additional Information (RAIs) and RAI responses behind the title page, if changes to the TRs provided to the NRC staff to support the resolution of RAI responses, and the NRC staff reviewed and approved those changes as described in the RAI responses, there are two ways that the accepted version can capture the RAIs:

1. The RAIs and RAI responses can be included as an appendix to the accepted version.
2. The RAIs and RAI responses can be captured in the form of a table (inserted after the final SE) which summarizes the changes as shown in the approved version of the TR. The table should reference the specific RAIs and RAI responses which resulted in any changes, as shown in the accepted version of the TR.

If future changes to the NRC’s regulatory requirements affect the acceptability of this TR, EPRI will be expected to revise the TR appropriately. Licensees referencing this TR would be expected to justify its continued applicability or evaluate their plant using the revised TR.

Sincerely,

/RA/

Kevin Hsueh, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 704

Enclosure:
Final Safety Evaluation

T. Hanley

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/RA/

Kevin Hsueh, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

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Enclosure:
Final Safety Evaluation

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