



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 23, 2020

Mr. Tim Hanley, Chairman
ATTN: Debbie Rouse
BWR Vessel and Internals Project
1300 West W.T. Harris Boulevard (Building 1)
Charlotte, NC 28262

SUBJECT: FINAL PROPRIETARY SAFETY EVALUATION FOR "BWRVIP-25, REVISION 1:
BWR VESSEL AND INTERNALS PROJECT, BWR CORE PLATE INSPECTION
AND FLAW EVALUATION GUIDELINES" (CAC NO. MF4887;
EPID L-2014-TOP-0008)

Dear Mr. Hanley:

By letter dated September 26, 2016 (Agencywide Documents Access and Management System Accession No. ML16273A474), the Boiling Water Reactor (BWR) Vessel and Internals Project (BWRVIP) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) "BWRVIP-25, Revision 1: BWR Vessel and Internals Project, BWR Core Plate Inspection and Flaw Evaluation Guidelines." By letter dated September 10, 2019, the NRC staff issued its draft safety evaluation (SE) (ADAMS Accession No. ML19007A012).

The BWRVIP provided comments on the draft SE via letter dated October 15, 2019 (ADAMS Accession No. ML19290D822). The comments addressed inconsistencies, typographical errors, and identified proprietary information.

In response to the BWRVIP comments, the NRC staff issued a revised draft SE via email dated February 3, 2020 (ADAMS Accession No. ML20030A002). By letter dated February 28, 2020 (ADAMS Accession No. ML20063J233), the BWRVIP provided additional comments. The comments centered on the additional plant-specific actions that were in the revised draft SE.

The NRC staff has found that BWRVIP-25 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 SE. The final SE defines the basis for our acceptance of the TR.

NOTICE: The enclosure transmitted herewith contains Proprietary Information. When separated from enclosure, this transmittal document is decontrolled.
--

T. Hanley

- 2 -

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.

In accordance with the guidance provided on the NRC website, we request that the BWRVIP publish accepted versions of BWRVIP-25-P and -NP, within six months of receipt of this letter. The accepted versions shall incorporate this letter and the enclosed final SE after the title page. For -NP versions, the BWRVIP shall strike the proprietary information markings on this letter and make the appropriate redactions and adjustments to document security classifications to the attached SE including striking the header and footer for the -NP version of the SE.

Also, the accepted versions must contain historical review information, including NRC requests for additional information (RAIs) and responses. The accepted versions shall include a “-A” (designating approved) following the TR identification symbol.

As an alternative to including the 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 accepted 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, the BWRVIP 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.

If you have any questions, please contact the Project Manager for the review, Joseph J. Holonich at 301-415-7297 or via electronic mail at Joseph.Holonich@nrc.gov.

Sincerely,

/RA/

Dennis Morey, Chief
Licensing Processes Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No.: 99902016

Enclosure:
Final SE

T. Hanley

- 3 -

SUBJECT: FINAL PROPRIETARY SAFETY EVALUATION FOR “BWRVIP-25, REVISION 1: BWR VESSEL AND INTERNALS PROJECT, BWR CORE PLATE INSPECTION AND FLAW EVALUATION GUIDELINES” (CAC NO. MF4887; EPID L-2014-TOP-0008) DATED MARCH 23, 2020

DISTRIBUTION:

PUBLIC (Letter)

NON-PUBLIC (Final SE)

RidsNrrLADHarrison

RidsResOd

RidsNrrDorl

RidsNrrDorlLLpb

RidsOgcMailCenter

RidsNrrDe

RidsNrrDeWmib

RidsACRS_MailCTR

ITseng, NRR

RidsNrrDnlr

RidsNrrDnlrMvib

JMedoff, NRR

GCheruvenci, NRR

CSyndor, NRR

JHolonich, NRR

ADAMS Accession Nos.: ML19290G703 (Letter/Public); ML19290G733 (SE/NonPublic); ML19290G755 (Package)

***via e-mail;**

OFFICE	NRR/DORL/LLPB/PM	NRR/DORL/LLPB/LA*	NRR/DNLR/MVIB/BC*
NAME	JHolonich	DHarrison*	HGonzalez
DATE	03/23 /2020	03/23/2020	03/03/2020
OFFICE	NRR/DE/WMIB/ABC*	NRR/DORL/LLPB/BC*	
NAME	TScarborough	DMorey	
DATE	03/15 /2020	03/23/2020	

OFFICIAL RECORD COPY