



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

May 15, 2018

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

SUBJECT: SUPPLEMENTAL DRAFT SAFETY EVALUATION RELATED TO BWRVIP-62-A,  
BOILING WATER REACTOR VESSEL AND INTERNALS PROJECT,  
TECHNICAL BASIS FOR INSPECTION RELIEF FOR BWR INTERNAL  
COMPONENTS WITH HYDROGEN INJECTION USE OF ONLINE NOBLE  
METAL CHEMISTRY IN BOILING WATER REACTORS

Dear Mr. Hanley:

By letter dated January 24, 2018 (Agencywide Document Access and Management System Accession No. ML18033A323), the Boiling Water Reactor Vessel and Internals Project (BWRVIP) stated that the BWRVIP had issued the following interim guidance to its members:

“U.S. plants utilizing all forms of HWC [hydrogen water chemistry] and crediting HWC shall meet the conditions and limitations of BWRVIP-62-A. In the case of plants utilizing OLN [online noble metal chemistry], this means they shall meet the Category 3a NMCA [noble metal chemical addition] parameters and implementation steps (including platinum loading) of Tables 3-5 and 3-8. This guidance is issued as NEI 03-08 ‘Needed’ guidance.”

Based on its review of the information submitted by the BWRVIP, the NRC staff finds the use of OLN acceptable subject to the limitations specified in the NRC safety evaluation (SE). Enclosed for BWRVIP review and comment is the NRC staff draft SE.

Pursuant to Section 2.390 of Title 10 of the *Code of Federal Regulations* (10 CFR), we have determined that the enclosed draft SE may contain proprietary information. If you believe that any information in the enclosure is proprietary, please identify such information line-by-line and define the basis pursuant to the criteria of 10 CFR 2.390. After 10 working days, the draft SE will be made publicly available, as appropriate, and an additional 10 working days are provided for you to comment on any factual errors or clarity concerns contained in the draft SE.

The final SE will be issued after making any necessary changes and will be made publicly available. The NRC staff's disposition of your comments on the draft SE will be discussed in the final SE.

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

T. Hanley

- 2 -

To facilitate the NRC staff's review of your comments, please provide a marked-up copy of the draft SE showing proposed changes and provide a summary table of the proposed changes.

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](mailto:Joseph.Holonich@nrc.gov).

Sincerely,

*/RA/*

Dennis C. Morey, Chief  
Licensing Processes Branch  
Division of Licensing Projects  
Office of Nuclear Reactor Regulation

Docket No. 99902016

Enclosure  
Draft SE

T. Hanley

- 3 -

SUBJECT: SUPPLEMENTAL DRAFT SAFETY EVALUATION RELATED TO BWRVIP-62-A, BOILING WATER REACTOR VESSEL AND INTERNALS PROJECT, TECHNICAL BASIS FOR INSPECTION RELIEF FOR BWR INTERNAL COMPONENTS WITH HYDROGEN INJECTION USE OF ONLINE NOBLE METAL CHEMISTRY IN BOILING WATER REACTORS DATED MAY 15, 2018

**DISTRIBUTION:**

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**ADAMS Accession Nos.:**

**PKG ML18107A601**

**Letter ML18107A607 (Public)**

**Draft SE ML18107A613 (Nonpublic)**

**\*via e-mail**

**NRR-106**

OFFICE	DLP/PLPB/PM	DLP/PLPB/LA*	DMLR/MPHB/BC*
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