



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

October 29, 2019

Mr. W. Anthony Nowinowski  
Executive Director  
PWR Owners Group,  
Program Management Office  
Westinghouse Electric Company  
1000 Westinghouse Drive, Suite 380  
Cranberry Township, PA 16066

DRAFT SAFETY EVALUATION FOR THE PRESSURIZED WATER REACTOR  
OWNERS GROUP TOPICAL REPORT PWROG-17031-NP, REVISION 1,  
"UPDATE FOR SUBSEQUENT LICENSE RENEWAL: WCAP-15338-A, 'A  
REVIEW OF CRACKING ASSOCIATED WITH WELD DEPOSITED CLADDING IN  
OPERATING PWR PLANTS'" (EPID L-2018-TOP-0022)

Dear Mr. Nowinowski:

By letter dated May 31, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18164A025), the Pressurized Water Reactor Owners Group (PWROG) submitted Topical Report (TR) PWROG-17031-NP, Revision 1, "Update for Subsequent License Renewal: WCAP-15338-A, 'A Review of Cracking Associated with Weld Deposited Cladding in Operating PWR [pressurized water reactor] Plants,'" dated May 31, 2018 (ADAMS Accession No. ML18164A035) for U.S. Nuclear Regulatory Commission (NRC) review and approval.

By letter dated August 29, 2019 (ADAMS Package Accession No. ML19253B327), the PWROG submitted a supplement to TR PWROG-17031-NP to address an NRC Request for Additional Information dated November 2, 2018 (ADAMS Accession No. ML18306A637). A typographical error was found in both WCAP-15338-A and PWROG-17031-NP, Revision 0, and an errata letter, OG-18-267, was submitted for WCAP-15338-A documenting the typographical correction. This TR PWROG-17031-NP, Revision 0, has been revised to a Revision 1. The table containing this typographical error has been removed from Revision 1 of PWROG-17031-NP.

The TR and its supplements provide the technical and regulatory basis to extend the applicability of the reactor pressure vessel underclad crack analysis methodology in WCAP-15338-A from 60 to 80 years of operation to support applications for subsequent license renewal (SLR) for all U.S. Westinghouse plants. The NRC staff has completed its review of PWROG-17031-NP, Revision 1, and found that the subject report, as modified by the conditions and limitations summarized in Section 4.0 of the enclosed safety evaluation, provides an acceptable methodology that can be used to support such a request.

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

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

If you have any questions, please contact Leslie Fields at 301-415-1186.

Sincerely,

**/RA/**

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

Docket No. 99902037

Enclosure:  
Draft SE – Nonproprietary

SUBJECT: DRAFT SAFETY EVALUATION OF THE PWROG-17031-NP, REVISION 1  
REPORT, "UPDATE FOR SUBSEQUENT LICENSE RENEWAL: WCAP-15338-A,  
'A REVIEW OF CRACKING ASSOCIATED WITH WELD DEPOSITED CLADDING  
IN OPERATING PWR PLANTS'" (EPID L-2018-TOP-0022) DATED  
OCTOBER 29, 2019

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**ADAMS Accession Nos.:**  
**ML19300A003 -Package**  
**ML19300A001 -Cover Letter**  
**ML19300A002 -Enclosure**

\*concurrence via email

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