



**Program Management Office**  
1000 Westinghouse Drive, Suite 380  
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PWROG-17096-NP, Revision 3  
Docket 99902037  
Project 694

January 14, 2022

OG-22-19

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

Subject: PWR Owners Group  
**Transmittal of the Response to Request for Additional Information, RAIs  
Associated with WCAP-17096, Revision 3, “Reactor Internals Acceptance  
Criteria Methodology and Data Requirements” (PA-MSC-1567)**

References:

1. Letter OG-19-164, Transmittal of WCAP-17096-NP, Revision 3, “Reactor Internals Acceptance Criteria Methodology and Data Requirements,” PA-MSC-1567, dated July 31, 2019
2. Email from the NRC (Fields) to the PWROG (Holderbaum), PWROG-17096 Request For Additional Information, dated September 21, 2020
3. Letter OG-21-81, Transmittal of the Response to Request for Additional Information, RAIs 1-12 and 14 Associated with WCAP-17096, Revision 3, “Reactor Internals Acceptance Criteria Methodology and Data Requirements” (PA-MSC-1567), dated April 8, 2021
4. Email from the PWROG (Holderbaum) to NRC (Fields), PWROG-17096 Draft RAIs Associated with WCAP-17096 - Revision 3, “Reactor Internals Acceptance Criteria Methodology and Data Requirements”, dated May 18, 2021

On July 31, 2019, in accordance with the Nuclear Regulatory Commission (NRC) Topical Report (TR) program for review and acceptance, the Pressurized Water Reactor Owners Group (PWROG) requested formal NRC review and approval of WCAP-17096, Revision 3 for referencing in regulatory actions (Reference 1).

The NRC Staff issued a Request for Additional Information (RAI) in an email dated September 21, 2020 (Reference 2).

Responses to RAIs 1 through 12, and 14 and red line markups of the changes to the WCAP associated with the RAI responses were transmitted to the NRC Staff on April 8, 2021, by Reference 3.

Draft responses to RAI 13 and red line markups of the changes to the WCAP associated with the RAI responses were sent to the NRC Staff by email on May 18, 2021 (Reference 4).

A follow-up call was held with the NRC on October 13, 2021, to discuss the RAI responses that needed to be revised. The responses to RAIs 7, 8, 10, 11 and 13, and the red line markups of the changes to the WCAP associated with the RAI responses that were previously transmitted/sent by References 3 and 4 were revised as discussed on the call. The revisions to these RAI responses are shown and Track Changes, and the revisions to the red line markups of the WCAP are identified with revision bars.

Enclosures 1-3 to this letter contain the final responses to NRC RAIs 1-14 (Reference 2) and the red line markups of the changes to the WCAP associated with the RAI responses.

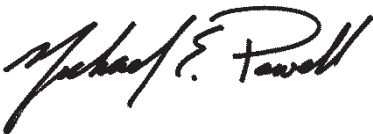
RAI 2, 3, 9, and 12: Framatome only  
RAI 1, 4 and 13: Shared, Westinghouse lead author  
RAI 5-8, 10-11 and 14: Westinghouse only

Correspondence related to this transmittal should be addressed to:

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1000 Westinghouse Drive  
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If you have any questions, please do not hesitate to contact me at (434) 832-2382 or Mr. W. Anthony Nowinowski, Program Manager of the PWR Owners Group, Program Management Office at (412) 374-6855.

Sincerely yours,



Michael Powell  
Chief Operating Officer & Chairman  
Pressurized Water Reactor Owners Group

cc: PWROG PMO  
PWROG Management Committee  
PWROG MSC  
L. Fields, US NRC  
J. Andrachek, Westinghouse  
D. Radonovich, Westinghouse  
B. Wilson, Westinghouse

M. Palamara, Westinghouse  
K. Musser, Westinghouse  
R. Stewart, Framatome  
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S. Davidsaver, Framatome

- Enclosure 1: LTR-AMLR-20-101, Revision 1 (nonproprietary), Responses to NRC Requests for Additional Information 1, 4 – 8, 10, 11 and 14 for WCAP-17096-NP, Rev. 3
- Enclosure 2: LTR-AMLR-21-8, Revision 0 (nonproprietary) Responses to NRC Request for Additional Information 13 for WCAP-17096-NP, Rev. 3
- Enclosure 3: ANP-3104Q1, Revision 3 (nonproprietary), Framatome Responses to NRC WCAP-17096, Revision 3 RAIs