



Program Management Office
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PWROG-18068-NP, Revision 1
Project Number 99902037
Project 694

March 8, 2024

OG-24-50

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

Subject: PWR Owners Group
Transmittal of the Responses to a Request for Additional Information, RAIs Associated with PWROG-18068-NP, Revision 1, “Use of Direct Fracture Toughness for Evaluation of RPV Integrity”

References:

1. Letter OG-21-144, Submittal of PWROG-18068-NP, Revision 1, “Use of Direct Fracture Toughness for Evaluation of RPV Integrity”, dated July 27, 2021.
2. Email from the NRC (Fields) to the PWROG (Holderbaum), PWROG-18068-NP, Revision 1 Request For Additional Information, dated March 28, 2022.

On July 27, 2021, in accordance with the Nuclear Regulatory Commission (NRC) Topical Report (TR) program for review and acceptance, the Pressurized Water Reactor Owners Group (PWROG) requested NRC review and approval of PWROG-18068-NP, Revision 1 for referencing in regulatory actions (Reference 1).

The NRC Staff issued a Request for Additional Information (RAI) in an email dated March 28, 2022 (Reference 2).

Enclosure 1 contains the responses to the RAIs associated with PWROG-18068-NP, Revision 1, “Use of Direct Fracture Toughness for Evaluation of RPV Integrity.” Enclosure 2 contains a markup of PWROG-18068-NP, Revision 1 in Track Changes, to reflect the changes that are associated with the responses to the RAIs. Enclosure 3 contains a version of PWROG-18068-NP, Revision 1 with no text deletions shown. Enclosure 4 contains a draft of PVP2024-125225, “An Examination of Margins Needed to Ensure Conservative Application of T_0 to RPV Fracture Toughness,” which is referenced in several RAI responses.

If you have any questions, please do not hesitate to contact me at (815) 520-3023 or Mr. D. Olinski, Executive Director of the PWR Owners Group, Program Management Office at (412) 374-3025.

Sincerely yours,



James Lynde
Chairman and COO
PWR Owners Group

cc: PWROG PMO
PWROG Management Committee
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Enclosure 1: RAI Responses Associated with PWROG-18068-NP Revision 1 (non-proprietary)
Enclosure 2: Markup of PWROG-18068-NP, Revision 1 Associated with the RAI Responses (non-proprietary)
Enclosure 3: Markup of PWROG-18068-NP, _Revision 1_ With no Text Deletions Shown(non-proprietary)
Enclosure 4: Draft PVP2024-125225 “An Examination of Margins Needed to Ensure Conservative Application of T_0 to RPV Fracture Toughness” (non-proprietary)