

August 23, 2017

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

SUBJECT: FINAL SAFETY EVALUATION FOR PRESSURIZED WATER REACTOR  
OWNERS GROUP TOPICAL REPORT PWROG-14001-P, REVISION 1, "PRA  
MODEL FOR THE GENERATION III WESTINGHOUSE SHUTDOWN SEAL"  
(CAC NO. MF4397)

Dear Mr. Nowinowski:

By letter dated July 3, 2014, as supplemented by letters dated September 29, 2014, March 3, 2015, May 23 and September 8, 2016, January 20 and April 17, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML14190A331, ML14280A117, ML15068A014, ML16309A151, ML16309A045, ML17073A166, and ML17125A082, respectively), the Pressurized Water Reactor (PWR) Owners Group (PWROG) submitted Topical Report (TR) PWROG-14001-P/NP, Revision 1, "PRA [Probabilistic Risk Assessment] Model for the Westinghouse Shutdown Seal," to the U.S. Nuclear Regulatory Commission (NRC) for review and acceptance for referencing in regulatory actions.

The NRC staff has found that TR PWROG-14001-P/NP, Revision 1, 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 safety evaluation (SE). The final SE defines the basis for our acceptance of the TR.

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 licensing action requests, our review will ensure that the material presented applies to the specific plant involved. Requests for licensing actions 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 PWROG publish approved proprietary and non-proprietary versions of TR PWROG-14001-P/NP, Revision 1, within 3 months of receipt of this letter. The approved versions shall incorporate this letter and the enclosed final SE after the title page. Also, they must contain historical review information, including NRC requests for additional information and your responses. The approved versions shall include an "-A" (designating approved) following the TR identification symbol.

As an alternative to including the request for additional information (RAIs) and RAI responses behind the title page, if changes to the TR were provided to the NRC staff to support the resolution of RAI responses, and if 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 approved 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, PWROG will be expected to revise the TR appropriately or justify its continued applicability for subsequent referencing. Licensees referencing this TR would be expected to justify its continued applicability or evaluate their plant using the revised TR.

Sincerely,

*/RA/*

Dennis C. Morey, Chief  
Licensing Processes Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 694

Enclosure:  
Final Safety Evaluation (Non-Proprietary)

SUBJECT: FINAL SAFETY EVALUATION FOR PRESSURIZED WATER REACTOR OWNERS GROUP TOPICAL REPORT PWROG-14001-P, REVISION 1, "PRA MODEL FOR THE GENERATION III WESTINGHOUSE SHUTDOWN SEAL" (CAC NO. MF4397) DATED: AUGUST 23, 2017

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**ADAMS Accession Nos.: ML17200C875 (Letter); ML17200C876 (Enclosure); ML17200A116 (Package); \*concurrence via email** **NRR-106**

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