April 29, 2011

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 WCAP-17100-P/NP, REVISION 1, "PRA MODEL FOR THE WESTINGHOUSE SHUT DOWN SEAL," PA-RMSC-0499 (TAC NO. ME1785)

Dear Mr. Nowinowski:

By letter dated July 17, 2009 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML092170346), as supplemented by letter dated March 4, 2010 (ADAMS Accession No. ML101020571), the Pressurized Water Reactor Owners Group (PWROG) submitted Topical Report (TR) WCAP-17100-P/NP, Revision 1, "PRA Model for the Westinghouse Shut Down Seal," to the U.S. Nuclear Regulatory Commission (NRC) staff review and approval for referencing in licensing actions. By letter dated December 20, 2010 (ADAMS Accession No. ML103550342), an NRC draft safety evaluation (SE) regarding our approval of TR WCAP-17100-P/NP, Revision 1, was provided for your review and comments. By letter dated January 21, 2011 (ADAMS Accession No. ML110770012), the PWROG commented on the draft SE. The NRC staff's disposition of the PWROG's comments on the draft SE are discussed in the attachment to the final SE enclosed with this letter.

The NRC staff has found that TR WCAP-17100-P/NP, Revision 1, is acceptable for referencing in licensing applications for nuclear power plants that install the Westinghouse reactor coolant pump shut down seal. 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 license applications, our review will ensure that the material presented applies to the specific plant involved. License amendment requests 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 PWROG publish accepted proprietary and non-proprietary versions of this TR within three months of receipt of this letter. The accepted 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 accepted versions shall include an "-A" (designating accepted) following the TR identification symbol.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, the PWROG and/or licensees referencing it will be expected to revise the TR appropriately, or justify its continued applicability for subsequent referencing.

Sincerely,

/RA/

Thomas B. Blount, Deputy Director
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 694

Enclosure:
Final SE

cc w/encl: See next page

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Sincerely,

/RA/

Thomas B. Blount, Deputy Director
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

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Enclosure:
Final SE

cc w/encl: See next page

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