

February 27, 2012

Mr. James A. Gresham, Manager
Regulatory Compliance and Plant Licensing
Westinghouse Electric Company
1000 Westinghouse Drive
Cranberry Township, PA 16066

SUBJECT: FINAL SAFETY EVALUATION FOR WESTINGHOUSE ELECTRIC COMPANY (WESTINGHOUSE) TOPICAL REPORT WCAP-13360-NP, SUPPLEMENT 1, REVISION 0, "CLARIFICATION ON USE OF DYNAMIC ROD WORTH MEASUREMENT (DRWM) IN INITIAL PLANT START-UP APPLICATIONS" (TAC NO. ME5851)

Dear Mr. Gresham:

By letter dated March 9, 2011 (Agencywide Documents Access and Management System Accession No. ML110740612), Westinghouse Electric Company (Westinghouse) submitted Topical Report (TR) WCAP-13360-NP, Supplement 1, Revision 0, "Clarification on Use of Dynamic Rod Worth Measurement (DRWM) in Initial Plant Start-up Applications," to the U.S. Nuclear Regulatory Commission (NRC) staff.

By letter dated November 10, 2011 (ADAMS Accession No. ML112770169), an NRC draft safety evaluation (SE) regarding our approval of TR WCAP-13360-NP, Supplement 1, Revision 0, was provided for your review and comments. By letter dated November 17, 2011, Westinghouse commented on the draft SE. The NRC staff's disposition of Westinghouse's comments on the draft SE are discussed in the attachment to the final SE enclosed with this letter. In addition, the NRC staff has made minor editorial changes.

The NRC staff has found that TR WCAP-13360-NP, Supplement 1, Revision 0, is acceptable for referencing in licensing applications for use of the DWRM methodology to initial plant start-ups with initial cores limited to Westinghouse-designed Nuclear Steam Supply System with Westinghouse licensed fuel products subject to the criteria specified in the SE.

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 Westinghouse 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 (RAIs) and your responses. The accepted versions shall include an "-A" (designating accepted) following the TR identification symbol.

As an alternative to including the 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 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, Westinghouse and/or licensees referencing it will be expected to revise the TR appropriately, or justify its continued applicability for subsequent referencing.

Sincerely,

/RA/

Robert A. Nelson, Deputy Director
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 700

Enclosures:

1. Final SE
2. Resolution of comments

cc:

Mr. Kris Cummings, Manager
Nuclear Fuel Engineering Licensing
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355
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ADAMS Accession Nos.: Package: ML120170247; Letter:ML120170265;
 Final SE:ML120170259; Comment Resolution:ML120170266

NRR-106

OFFICE	PLPB/PM	PLPB/LA	SNPB/BC	PLPB/BC	DPR/DD
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DATE	1/17/2012	2/2/2012	2/8/2012	2/21/2012	2/27/2012

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