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July 18, 2013

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-12610-P-A & CENPD-404-P-A, ADDENDUM 2/WCAP-14342-A & CENPD-404-NP-A, ADDENDUM 2, "WESTINGHOUSE CLAD CORROSION MODEL FOR ZIRLO™ AND OPTIMIZED ZIRLO™" (TAC NOS. ME0222 AND ME2317)

Dear Mr. Gresham:

By letter dated November 24, 2008 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML083460059), Westinghouse submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) WCAP-12610-P-A & CENPD-404-P-A, Addendum 2/WCAP-14342-A & CENPD-404-NP-A, Addendum 2, "Westinghouse Clad Corrosion Model For ZIRLO™ and Optimized ZIRLO™." By letter dated December 11, 2012, an NRC draft safety evaluation (SE) regarding our approval of TR WCAP-12610-P-A & CENPD-404-P-A, Addendum 2/WCAP-14342-A & CENPD-404-NP-A, Addendum 2, was provided for your review and comment. By letter dated April 5, 2013 (ADAMS Accession No. ML13102A134), Westinghouse commented on the draft SE. The NRC staff's disposition of the Westinghouse 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-12610-P-A & CENPD-404-P-A, Addendum 2/ WCAP-14342-A & CENPD-404-NP-A, Addendum 2, is acceptable for referencing in licensing applications for Westinghouse design methodologies for pressurized water reactors using ZIRLO™ and Optimized ZIRLO™ cladding to the extent specified and under the limitations delineated in the TR and in the enclosed final 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 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.

NOTICE: Enclosure 2 transmitted herewith contains proprietary information. When separated from Enclosure 2, this transmittal document is decontrolled.
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- 2 -

In accordance with the guidance provided on the NRC website, we request that the Westinghouse publish an accepted version of this TR within three months of receipt of this letter. The accepted version shall incorporate this letter and the enclosed final SE after the title page. Also, the approved version must contain historical review information, including NRC requests for additional information (RAI) and your response after the title page. The accepted version 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.

If you have any questions, please contact Ekaterina Lenning at 301-415-3151.

Sincerely,

/RA/

Sher Bahadur, Deputy Director
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 700

Enclosures:

1. Final SE (Non-proprietary)
2. Final SE (Proprietary)

cc w encl. 1 only: See next page

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/RA/

Sher Bahadur, Deputy Director
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

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2. Final SE (Proprietary)

cc w encl. 1 only: See next page

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cc:

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