



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

April 12, 2019

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  
TOPICAL REPORT WCAP-16260-P/WCAP-16260-NP, REVISION 2, "THE  
SPATIALLY CORRECTED INVERSE COUNT RATE METHOD FOR  
SUBCRITICAL REACTIVITY MEASUREMENT" (EPID: L-2017-TOP-0064)**

Dear Mr. Gresham:

By letter dated December 14, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17348B293), Westinghouse Electric Company (Westinghouse) submitted for the U.S. Nuclear Regulatory Commission (NRC) staff review and approval Topical Report (TR) WCAP-16260-P/WCAP-16260-NP, Revision 2, "The Spatially Corrected Inverse Count Rate (SCICR) Method for Subcritical Reactivity Measurement." By letter dated August 9, 2018 (ADAMS Accession No. ML18207A226), the NRC issued its first round of the requests for additional information (RAI). By letter dated September 13, 2018 (ADAMS Accession No. ML18257A061), Westinghouse provided responses to these RAIs. By letter dated September 24, 2018 (ADAMS Accession No. ML18263A197), the NRC issued its second round of RAIs. By letter dated October 24, 2018 (ADAMS Accession No. ML18299A090), Westinghouse provided responses to the second round of RAIs. By letter dated February 4, 2019, the NRC staff provided the draft safety evaluation (SE).

The enclosed final SE addresses the applicability of the WCAP-16260-P/WCAP-16260-NP, Revision 2, "The Spatially Corrected Inverse Count Rate (SCICR) Method for Subcritical Reactivity Measurement," TR.

The NRC staff has found that WCAP-16260-P/WCAP-16260-NP, Revision 2, "The Spatially Corrected Inverse Count Rate (SCICR) Method for Subcritical Reactivity Measurement," is acceptable for referencing in licensing applications provided that the limitations and conditions stipulated in the Section 4.0, conclusions in Section 5.0, and applicability defined in the enclosed NRC final SE are met along with the proper documentation.

NOTICE: Enclosure 2 and Attachment 2 transmitted herewith contains SUNSI. When separated from Enclosure 2 and Attachment 2, this transmittal document is decontrolled.

J. Gresham

- 2 -

Our acceptance applies only to material provided in the subject TRs. In accordance with the guidance provided on the NRC website, we request that Westinghouse publish accepted proprietary and non-proprietary versions of these TRs 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 RAIs and your responses. The accepted versions shall include an "-A" (designating accepted) following the TRs identification symbol.

As an alternative to including the RAIs and RAI responses behind the title page, if changes to the TRs 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 TRs. The table should reference the specific RAIs and RAI responses which resulted in any changes, as shown in the accepted version of the TRs.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, Westinghouse 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 Jason Paige for/*

Dennis C. Morey, Chief  
Licensing Processes Branch  
Division of Licensing Projects  
Office of Nuclear Reactor Regulation

Docket No. 99902038

Enclosures: As stated

J. Gresham

- 3 -

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DATE: APRIL 12, 2019

**DISTRIBUTION:**

PUBLIC (Letter, Enclosure 1 and Attachment 1 ONLY)

NON-PUBLIC (Enclosure 2 and Attachment 2)

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**ADAMS Accession Nos.:**

**ML19077A259 (Package)**

**ML19078A048 (Letter)**

**ML19078A034 (Non-prop SE Enclosure 1)**

**ML19078A037 (Prop SE Enclosure 2)**

**ML19078A043 (Non-prop CR Attachment 1)**

**ML19078A045 (Prop CR Attachment 2)**

**\*concurrence via e-mail**

**NRR 106**

OFFICE	NRR/DLP/PLPB	NRR/DLP/PLPB/LA*	NRR/DSS/SNPB*	NRR/DLP/PLPB/BC
NAME	ELenning	DHarrison	RLukes	DMorey <i>JPaige(for)</i>
DATE	03/19/19	04/11/19	04/11/19	04/12/19

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