



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

February 13, 2020

Ms. Camille Zozula, Manager
Infrastructure & Facilities Licensing
Westinghouse Electric Company
1000 Westinghouse Drive, Building 1, Suite 165
Cranberry Township, PA 16066

SUBJECT: FINAL SAFETY EVALUATION FOR WESTINGHOUSE ELECTRIC COMPANY
TOPICAL REPORT WCAP-17769-P/NP, REVISION 0, "REFERENCE FUEL
DESIGN SVEA-96 OPTIMA3" (EPID L-2014-TOP-0003)

Dear Ms. Zozula:

By letter dated November 13, 2013 (Agencywide Documents Access and Management System Accession No. ML13323A100), Westinghouse Electric Company (Westinghouse) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) WCAP-17769-P/NP, Revision 0, "Reference Fuel Design SVEA-96 Optima3" (Proprietary/ Non-Proprietary). By letter dated June 8, 2016 (ADAMS Accession No. ML16103A580), the NRC issued its requests for additional information (RAI) questions for the review of TR WCAP-17769-P/NP, Revision 0. By letter dated December 13, 2016 (ADAMS Accession No. ML16313A350), the NRC issued additional RAI questions for the review of TR WCAP-17769-P/NP, Revision 0.

The enclosed final SE addresses the applicability of WCAP-17769-P/NP, Revision 0, "Reference Fuel Design SVEA-96 Optima3."

The NRC staff has found that WCAP-17769-P/NP, Revision 0, "Reference Fuel Design SVEA-96 Optima3" is acceptable for referencing in licensing applications to the extent specified and under the limitations delineated in the TR and the enclosed SE.

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 RAI questions 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 RAI questions:

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

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1. The RAI questions and RAI responses can be included as an Appendix to the accepted version.
2. The RAI questions 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 RAI questions 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/

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

Docket No. 99902038

Enclosures:

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

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DESIGN SVEA-96 OPTIMA3" (EPID: L-2014-TOP-0003) DATED FEBRUARY 13,
2020

DISTRIBUTION:

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NON-PUBLIC (Enclosure 2)

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ADAMS Accession Nos.:

ML19364A005 (Package)

ML19364A025 (Proprietary Letter)

ML20045D461 (Non-Proprietary Letter)

ML19364A023 (Non-Prop SE Enclosure 1)

ML19364A022 (Prop SE Enclosure 2)

ML19364A024 (Non-Prop Comment Resolution Attachment)

*** via e-mail**

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