

July 12, 2012

Mr. James A. Gresham, Manager
Regulatory Compliance
Westinghouse Electric Company, LLC
Suite 428, 1000 Westinghouse Drive
Cranberry Township, PA 16066

SUBJECT: WESTINGHOUSE ELECTRIC COMPANY'S FINAL TOPICAL REPORT SAFETY
EVALUATION FOR WCAP-16943, "ENHANCED GRAY ROD CLUSTER
ASSEMBLY RODLET DESIGN"

Dear Mr. Gresham:

The U.S. Nuclear Regulatory Commission staff prepared a final Topical Report Safety Evaluation (TRSE) for WCAP-16943, "Enhanced Gray Rod Cluster Assembly Rodlet Design," in support of the AP1000 post – licensing activities submitted by Westinghouse Electric Company (WEC).

The staff requests that WEC publish the applicable version(s) of the TRSE listed above within 1– month of receipt of this letter. The accepted version of the topical report shall incorporate this letter and the enclosed TRSE and add an "-A" (designated accepted) following the report identification number.

The staff has found that WCAP-16943 is acceptable for referencing in licensing applications for AP1000 designed pressurized water reactors to the extent specified and under the limitations delineated in the topical report and in the enclosed final TRSE. The final TRSE defines the basis for our acceptance of the topical report.

If the U.S. Nuclear Regulatory Commission's (NRC) criteria or regulations change, so that its conclusion that the TRSE is acceptable is invalidated, WEC and/or the applicant referencing the TRSE will be expected to revise and resubmit its respective documentation, or submit justification for continued applicability of the TRSE without revision of the respective documentation.

Prior to placing the public version of this document in the public document room the staff requests that WEC perform a final review of the TRSE for proprietary or security-related information not previously identified. If you believe that any additional information meets the criteria, please identify such information line by line and define the basis pursuant to the criteria established in Title 10 of the *Code of Federal Regulations* Part 2, Section 390.

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J. Gresham

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If after a 10-day period, you do not request that all or portions of the TRSE be withheld from public disclosure, the TRSE will be made available for public inspection through the NRC Public Document Room and the Publicly Available Records component of NRC's Agencywide Documents Access and Management System and placed on the NRC's public web page for this application.

If you have any questions or comments concerning this matter, please contact me at 301-415-6715 or via e-mail address at Bruce.Bavol@nrc.gov.

Sincerely,

/RA/

Bruce M. Bavol, Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket No.: 52-006

Enclosure:
As stated

cc w/o encl.: See next page

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(Revised 07/03/2012)

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