

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

SUBJECT: WCAP-16943, “ENHANCED GRAY ROD CLUSTER ASSEMBLY RODLET DESIGN” ADVANCED TOPICAL REPORT SAFETY EVALUATION

Dear Mr. Gresham:

The U.S. Nuclear Regulatory Commission (NRC) staff prepared a Topical Report Safety Evaluation (TRSE) in support of the AP1000 DC submitted by Westinghouse Electric Company, LLC (Westinghouse) on June 9, 2008.

The staff’s (advanced) TRSE for WCAP-16943 is being provided to the Advisory Committee on Reactor Safeguards Subcommittee for information only.

The enclosed (advanced) TRSE is being provided only to Westinghouse for review of proprietary information pursuant to Title 10 of the *Code of Federal Regulations* 10 CFR 2.390 “Public Inspections, Exemptions, Requests for Withholding.” The NRC will withhold the enclosed TRSE from public disclosure for a total of 20 business days. This includes 10 business days from the date of this letter to allow you the opportunity to verify the staff’s TRSE for proprietary content or security-related information not previously identified and 10 business days for a check of any factual errors. If within that 20 day period you do not request that all or portions of the TRSE be withheld from public disclosure, the enclosure will be made publically available through the NRC Public Document Room and the Publicly Available Records component of the NRC Agencywide Documents Access and Management System and placed on the NRC public web page for this application.

Document transmitted herewith contains sensitive unclassified information. When separated from the enclosure, this document is “DECONTROLLED.”

J. A. Gresham

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If you have any questions or comments concerning this matter, please contact Mr. Ravindra Joshi at 301-415-6191 or via e-mail address at Ravindra.Joshi@nrc.gov.

Sincerely,

/RA/

Mark Tonacci, Chief
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

J. A. Gresham

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