

January 24, 2008

Mr. James A. Gresham, Manager
Regulatory Compliance and Plant Licensing
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355

SUBJECT: ACCEPTANCE FOR REVIEW OF WESTINGHOUSE ELECTRIC COMPANY
(WESTINGHOUSE) TOPICAL REPORT (TR) WCAP-16766-P,
"WESTINGHOUSE NEXT GENERATION CORRELATION (WNG-1) FOR
PREDICTING CRITICAL HEAT FLUX IN ROD BUNDLES WITH SPLIT VANE
MIXING GRIDS" (TAC NO. MD7230)

Dear Mr. Gresham:

By letter dated October 26, 2007, Westinghouse submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) WCAP-16766-P, "Westinghouse Next Generation Correlation (WNG-1) for Predicting Critical Heat Flux in Rod Bundles with Split Vane Mixing Grids." The NRC staff has performed an acceptance review of the TR WCAP-16766-P. We have found that the material presented is sufficient to begin our comprehensive review. The NRC staff expects to issue its request for additional information by June 15, 2008, and issue its draft safety evaluation by January 15, 2009. The NRC staff estimates that the review will require approximately 400 staff hours including project management time. The review schedule milestones and estimated review costs were discussed and agreed upon in a telephone conference between Robert Sisk, Manager, Fuel Engineering Licensing, and the NRC staff on January 15, 2008.

Section 170.21 of Title 10 of the *Code of Federal Regulations* requires that TRs are subject to fees based on the full cost of the review. You did not request a fee waiver; therefore, NRC staff hours will be billed accordingly.

If you have questions regarding this matter, please contact Jon H. Thompson at (301) 415-1119.

Sincerely,

/RA/

Stacey L. Rosenberg, Chief
Special Projects Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 700

cc:
Mr. Gordon Bischoff, Manager
Owners Group Program Management Office
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355
gordon.c.bischoff@us.westinghouse.com

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ADAMS ACCESSION NO.:

NRR-106

OFFICE	PSPB/PM	PSPB/LA	SNPB/BC	PSPB/BC
NAME	JThompson	DBaxley	AMendiola	SRosenberg
DATE	1/17/08	1/17/08	1/24/08	1/24/08

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Letter to James A. Gresham from Stacey L. Rosenberg dated: January 24, 2008

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