June 11, 2013

Mr. James A. Gresham, Manager
Regulatory Compliance and Plant Licensing
Westinghouse Electric Company
1000 Westinghouse Drive
Cranberry Township, PA 16066

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RE: WESTINGHOUSE
ELECTRIC COMPANY TOPICAL REPORT WCAP-16996-P VOLUMES I, II,
AND III, REVISION 0/WCAP-16996-NP, VOLUMES I, II, AND III, REVISION 0,
"REALISTIC LOCA EVALUATION METHODOLOGY APPLIED TO THE FULL
SPECTRUM OF BREAK SIZES (FULL SPECTRUM$^{\text{TM}}$ LOCA METHODOLOGY)"
- FIFTH SET (TAC NO. ME5244)

Dear Mr. Gresham:

By letter dated November 23, 2010 (Agencywide Documents Access and Management System
(ADAMS) Accession No. ML1036101860), Westinghouse Electric Company (Westinghouse)
submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report
WCAP-16996-P/ WCAP-16996-NP Volumes I, II, and III, Revision 0, "Realistic Loss-of-coolant
accident [LOCA] evaluation Methodology Applied to the Full Spectrum of Break sizes (FULL
SPECTRUM$^{\text{TM}}$ LOCA Methodology)." Upon review of the information provided, the NRC staff
has determined that additional information is needed to complete the review. The NRC staff
transmitted 8 sets of the draft RAI questions to Westinghouse and formally issued four sets of
RAIs (ADAMS Accession Nos. ML121070151 (set 1), ML121070393 (set 2), ML121070402
(set 3), and ML121070414 (set 4)). With this letter the NRC staff is formally issuing the fifth set
of RAI questions to Westinghouse on WCAP-16996-P/ WCAP-16996-NP Volumes I, II, and III,
Revision 0.

On May 21, 2013, teleconference was held between NRC and Westinghouse staff to discuss
the schedule of the Westinghouse responses to the NRC staff questions. Westinghouse
informed the NRC staff of the following schedule for the formal responses to the NRC staff sets
1-5 of RAIs:

> Set 1 – RAIs 1-19 –   June7, 2013
> Set 2 – RAIs 20-29 – May 31, 2013 (received)
> Set 3 – RAIs 30-35 – May 31, 2013 (received)
> Set 4 – RAIs 36-39 – No date yet
> Set 4 – RAIs 40-44 – May 31, 2013 (received)
> Set 4 – RAI 45 – June 14, 2013
> Set 5 – RAIs 72-74, 76 – June 14, 2013

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

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Westinghouse indicated that schedule for the remaining responses to the NRC staff questions contained in sets 6, 7, and 8 will be provided to NRC staff by the end of July 2013. If you have any questions regarding the enclosed RAI questions, please contact me at 301-415-3151.

Sincerely,

/RA/

Ekaterina Lenning, Project Manager
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 700

Enclosures:
1. RAI Questions (Non-Proprietary)
2. RAI Questions (Proprietary)

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                                        Sincerely,

                                        /RA/

                                        Ekaterina Lenning, Project Manager
                                        Licensing Processes Branch
                                        Division of Policy and Rulemaking
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ADAMS Accession Nos.: ML13114A917 (Cover Letter); ML13070A383 (Pkg.); ML13114A927 (Enclosure 1/Non-Prop); ML13114A938 (Enclosure 2/ Prop.); *concurred via e-mail   NRR-106

OFFICE	PLPB/PM	PLPB/LA	SNPB/BC	PLPB/BC	PLPB/PM
NAME	ELenning	DBaxley	SWhaley*	AMendiola*	ELenning*
DATE	06/04/2013	06/10/2013	06/04/2013	06/11/2013	06/11/2013

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