

June 28, 2010

Mr. Robert Sisk, Manager  
Licensing and Customer Interface  
Regulatory Affairs and Strategy  
Westinghouse Electric Company  
P.O. Box 355  
Pittsburgh, PA 15230-0355

SUBJECT: ADVANCED FINAL SAFETY EVALUATION REPORT FOR CHAPTER 16 TITLED  
"TECHNICAL SPECIFICATION," OF NUREG-1793, SUPPLEMENT 2 – AP1000  
DESIGN CERTIFICATION AMENDMENT

Dear Mr. Sisk:

This letter transmits the Advanced Final Safety Evaluation Report (AFSER) for Chapter 16 titled, "Technical Specification," of the United States Nuclear Regulatory Commission (NRC) staff's NUREG-1793, "Final Safety Evaluation Related to Certification of the AP1000 Standard Design," Supplement 2.

By letter dated June 2, 2009, the NRC transmitted to Westinghouse Electric Company (Westinghouse) the Safety Evaluation Report with Open Items (SER/OIs) for Chapter 16, which reflected the proposed changes in the AP1000 Design Control Document (DCD), through Revision 17. Since the June 2, 2009, transmittal of Chapter 16, communications with Westinghouse and subsequent NRC staff evaluation have resulted in the resolution of the OIs. This chapter may be supplemented prior to finalization due to the need to resolve confirmatory items and/or to address any additional proposed changes to the DCD.

R. Sisk

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Please feel free to contact Sikhindra K. (SK) Mitra, the Project Manager for Chapter 16, at (301) 415-2783 or [Sikhindra.Mitra@nrc.gov](mailto:Sikhindra.Mitra@nrc.gov) with any comments, concerns, or questions.

Sincerely,

*/RA/*

Eileen M. McKenna, Chief  
AP1000 Projects Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

Docket No. 52-006

Enclosure:  
Safety Evaluation Report, Chapter 16, NUREG-1793, Supplement 2

cc: See next page

R. Sisk

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Sincerely,

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Eileen M. McKenna, Chief  
AP1000 Projects Branch 2  
Division of New Reactor Licensing  
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Safety Evaluation Report, Chapter 16, NUREG-1793, Supplement 2

cc: See next page

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