

November 23, 2010

Mr. Rolf Ziesing, Director  
U.S. Licensing  
Nuclear Power Plants  
Westinghouse Electric Company  
1000 Westinghouse Drive  
Cranberry Township, PA 16066

SUBJECT: ADVANCED FINAL SAFETY EVALUATION FOR CHAPTER 1, TITLED  
"INTRODUCTION AND GENERAL DISCUSSION" OF NUREG-1793,  
SUPPLEMENT 2—AP1000 DESIGN CERTIFICATION AMENDMENT

Dear Mr. Ziesing:

This letter transmits the Advanced Final Safety Evaluation (AFSE) for Chapter 1, titled "Introduction and Generic Discussion," of the United States Nuclear Regulatory Commission's (NRC) NUREG-1793, "Final Safety Evaluation Related to Certification of the AP1000 Standard Design," Supplement 2. By letter dated June 23, 2009, the NRC transmitted to Westinghouse the Safety Evaluation with Open Items (SE/OIs) for Chapter 1. The enclosed document is the AFSE for Chapter 1. Please feel free to contact David H. Jaffe, the Project Manager for Chapter 1, at (301) 415-1439 or [dhj@nrc.gov](mailto:dhj@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:  
AFSE, Chapter 1, NUREG-1793, Supplement 2

cc: See next page

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