

June 29, 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 2
TITLED "SITE ENVELOPE," OF NUREG-1793, SUPPLEMENT 2 – AP1000
DESIGN CERTIFICATION AMENDMENT

Dear Mr. Sisk:

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

By letter dated July 9, 2009, the NRC transmitted to Westinghouse Electric Company (Westinghouse) the Safety Evaluation Report with Open Items (SER/OIs) for Chapter 2, which reflected the proposed changes in the AP1000 Design Control Document (DCD), through Revision 17. Since the July 9, 2009, transmittal of Chapter 2, communications with Westinghouse and subsequent NRC staff evaluation have resulted in the resolution of the OIs. This chapter will be supplemented prior to finalization due to the need to resolve confirmatory items and to address any additional proposed changes to the DCD.

R. Sisk

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Please feel free to contact Sikhindra K (S.K) Mitra, the Project Manager for Chapter 2, at (301) 415-2783 or 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 2, NUREG-1793, Supplement 2

cc: See next page

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