

August 5, 2011

Mr. R. F. Ziesing, Director
U.S. Licensing
Nuclear Power Plants
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355

SUBJECT: FINAL SAFETY EVALUATION REPORT - NUREG-1793, SUPPLEMENT 2 –
AP1000 DESIGN CERTIFICATION AMENDMENT

Dear Mr. Ziesing:

This letter transmits the final safety evaluation report (FSER) for the AP1000 Design Certification Amendment. The U.S. Nuclear Regulatory Commission (NRC) will issue its FSER as NUREG-1793, "Final Safety Evaluation Related to Certification of the AP1000 Standard Design," Supplement 2.

By individual letters dated from April 30, 2010, to February 10, 2011, the NRC issued individual Advanced FSER chapters. Advanced FSER chapters, in most cases, included confirmatory items (CIs) that were eventually resolved by the December 1, 2010, submittal of the AP1000 Design Control Document (DCD) Revision 18. The June 13, 2011, submittal of DCD Revision 19 resolved all remaining CIs and technical issues. The AP1000 FSER includes the staff's evaluation and ultimate concurrence with all AP1000 design changes included in AP1000 DCD Revision 19.

Please feel free to contact Perry Buckberg, the Lead Project Manager for the Design Certification Amendment certification, at (301) 415-1383 or e-mail perry.buckberg@nrc.gov, with any comments, concerns or questions.

Sincerely,

/RA/

David B. Matthews, Director
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-006

Enclosure:
Safety Evaluation, NUREG-1793, Supplement 2.

cc: See next page (w/enclosure)

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***via email**

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