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Our ref: DCP/NRC1990

52-006
Proj - 740

September 6, 2007

Subject: Evaluation of SAMDA for AP1000 Design Certification Amendment

In letter DCP/NRC1912 submitting Design Control Document (DCD) Revision 16 dated May 26, 2007, Westinghouse submitted an application to amend the AP1000 Design Certification Rulemaking (10 CFR 52, Appendix D). In the NRC letter from Thomas A. Bergman to Andrea L. Sterdis, dated July 27, 2007, the NRC indicated that the requirements of pending rule 10 CFR 51.55(b) had not been met with the application. Pursuant to the pending regulation, Westinghouse has evaluated the design changes that are included in the Design Certification Amendment request (DCD Revision 16). The conclusions of the evaluation confirm that the Severe Accident Mitigation Design Alternatives (SAMDA) analysis documented in DCD Revision 15, Appendix 1B remain valid for Revision 16. Specifically the severe accident mitigation design alternatives assessed previously as being rejected have not become cost beneficial. Nor have any new severe accident mitigation design alternatives been identified. Therefore, Appendix 1B does not require revision for the amendment request.

If you have any additional questions or require additional information, please do not hesitate to contact me on 412-374-6306.

Very truly yours,

Mont D Barthy FOR

A. Sterdis, Manager
Licensing and Customer Interface
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cc: D. Jaffe U.S. NRC
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