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Your ref: Docket No. 52-006
Our ref: DCP_NRC_003086

November 9, 2010

Subject: Applicant's Supplemental Environmental Report – Amendment to Standard Design Certification

The letter issued September 21, 2007 (DCP/NRC2001 – AP1000 COL Standard Technical Report Submittal of APP-PRA-GER-001 (TR135)) fulfills the regulations in 10CFR51.55(b) that require each proposed design change to be evaluated to identify if previously rejected Severe Accident Mitigation Design Alternatives (SAMDA) items become cost beneficial or results in identification of new severe accident mitigation design alternatives that may be reasonably incorporated into the design certification.

The letter issued October 26, 2010 (DCP_NRC_003057 - Review of SAMDA Relative to Impact for AP1000 DCD Revision 18) provides updated documentation that the Severe Accident Mitigation Design Alternative (SAMDA) for the AP1000 presented in Appendix 1B of the AP1000 DCD Revision 18 has been reviewed for applicability to the current AP1000 PRA. It was found that no change to the SAMDA is necessary for AP1000 DCD Revision 18.

AP1000 COL Standard Technical Report Submittal of APP-PRA-GER-001 (TR135) and the October 26, 2010 supplement represents the "Applicant's Supplemental Environmental Report – Amendment to Standard Design Certification" as required by 10CFR51.55(b).

Very truly yours,

A handwritten signature in black ink, appearing to read "R. F. Ziesing".

R. F. Ziesing
Director, U.S. Licensing

cc: D. Jaffe - U.S. NRC
E. McKenna - U.S. NRC
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T. Spink - TVA
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R. Kitchen - Progress Energy
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