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U.S. Nuclear Regulatory Commission
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Your ref: Project Number 740
Our ref: DCP/NRC1994

September 7, 2007

Subject: AP1000 COL Standard Technical Report Submittal of APP-GW-GLR-066, Revision 1 (TR94)

In support of Combined License application pre-application activities, Westinghouse is submitting Revision 1 to AP1000 Standard Combined License Technical Report Number 94. This report details the AP1000's response to the Design Basis Threat. The report has been classified as containing Safeguards Information (SGI). This report identifies and justifies standard changes to the AP1000 Design Control Document (DCD). These changes impact DCD Tier 2, Chapter 1.8 and Chapter 13.6. The changes to the DCD identified in Technical Report 94 do not contain Safeguards Information and are intended to be incorporated into FSARs referencing the AP1000 Design Certification or incorporated into the Design Certification by an amendment to the Design Certification. The purpose of this revision to Technical Report 94 is to incorporate changes made in response to Requests for Additional Information (RAI) received from the NRC. This report is submitted as part of the NuStart Bellefonte COL Project (NRC Project Number 740). The information included in this report is generic and is expected to apply to all COL applications referencing the AP1000 Design Certification.

This report contains complete and detailed information concerning the AP1000 Safeguards Assessment. This information is safety related and requires a safety assessment by the NRC staff. The AP1000 Safeguards Assessment will be referenced by multiple licensees in their COL Applications. Therefore, NRC approval of this report will increase the efficiency of the review process for applicants. The report was completed in response to SECY 05-120 and to detail the response capability of AP1000 to the Design Basis Threat.

Pursuant to 10 CFR 50.30(b), APP-GW-GLR-066, Revision 1, "AP1000 Safeguards Assessment," (Technical Report Number 94), is submitted as Enclosure 1 under the attached Oath of Affirmation.

It is expected that when the NRC review of Technical Report Number 94 is complete, the changes to the DCD identified in Technical Report 94 will be considered approved generically for COL applicants referencing the AP1000 Design Certification.

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Westinghouse is hereby requesting review and a Safety Evaluation Report (SER) that indicates approval of the revised Chapters 1.8 and 13.6 of the AP1000 DCD associated with the Safeguards Assessment. This SER should indicate that the AP1000 physical plant design meets the applicable portions of 10CFR50, 10CFR53, and 10CFR73 related to security of nuclear reactors and is consistent with the current Design Basis Threat.

Questions or requests for additional information related to content and preparation of this report should be directed to Westinghouse. Please send copies of such questions or requests for additional information to the prospective applicants for combined licenses referencing the AP1000 Design Certification. A representative for each applicant is included on the cc: list of this letter. Westinghouse is requesting a response that indicates in what manner this report will be handled within two weeks of its receipt.

Westinghouse requests the NRC to provide a schedule for review of the technical report within two weeks of its submittal.

Very truly yours,

Monte D. Bentley FOR

A. Sterdis, Manager
Licensing and Customer Interface
Regulatory Affairs and Standardization

/Attachment

1. "Oath of Affirmation," dated September 7, 2007

/Enclosure

1. APP-GW-GLR-066, Revision 1, "AP1000 Safeguards Assessment," Technical Report Number 94

cc:	D. Jaffe	- U.S. NRC		1A
	E. Mckenna	- U.S. NRC		1A
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