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Your ref: Docket No. 52-006
Our ref: DCP_NRC_003177

June 13, 2011

Subject: Westinghouse Electric Company - Updated Application to Amend the AP1000® Nuclear Power Plant Design Certification Rule

Westinghouse Electric Company is pleased to submit an updated application to amend the AP1000® Design Certification Rule (10 CFR 52 Appendix D). This application update is based on the **AP1000** Design Control Document (DCD) Revision 19, and includes necessary changes to address NRC comments raised during the confirmatory review of prior updates submitted in DCD Revision 18. Westinghouse letter dated May 26, 2007 submitted the application to amend the **AP1000** Design Certification, which was updated by Westinghouse letters dated September 22, 2008 and December 1, 2010.

This submittal, along with updated Shield Building and Containment Vessel technical reports being provided to the NRC separately, provides the resolution of all known NRC open confirmatory items associated with the pending Final Safety Evaluation Report needed for final rule making.

The changes incorporated into DCD Revision 19 are clarifications and minor corrections. Compared to Revision 18, there are no design changes in Revision 19. The clarifications and minor corrections contained in Revision 19 have no safety significance. Hence, the changes do not warrant an additional public comment period. Westinghouse notes that the NRC has already convened public meetings associated with its review of the changes, and thus the public already has had the opportunity to comment.

This letter and its enclosures provide the prescribed information pursuant to 10 CFR 52. As part of DCD Revision 19, Westinghouse has included a "roadmap" that identifies the appropriate 10 CFR 52.63(a)(1) criteria that justify inclusion of the updated information in DCD Revision 19.

The two enclosures contain the electronic files, pursuant to 10 CFR 50.30(b), providing "AP1000 Design Control Document", Revision 19, for the application under Oath of Affirmation (Attachment 1).

- Enclosure 1, APP-GW-GL-700, contains sensitive unclassified non-safeguards information relative to the physical protection of an **AP1000** Nuclear Plant that should be withheld from public disclosure pursuant to 10 CFR 2.390(d).
- Enclosure 2, APP-GW-GL-702, is the redacted version of Enclosure 1.

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The files for the two versions are provided on separate CD-ROMS to facilitate handling by the Document Control Desk. The files and directory structure on the CD-ROMS are intended to satisfy the NRC requirements for electronic submittals.

The "AP1000 Design Control Document" was prepared in accordance with the Westinghouse Quality Management System (QMS) as approved by the NRC. The Westinghouse QMS includes specific procedures for design configuration management, licensing basis configuration management and corrective action processes.

Recognizing the importance of ensuring the quality of the DCD, Westinghouse has performed the following actions to provide assurances of the correctness of the DCD. Specifically, the following actions have been taken:

- Westinghouse performed a systematic assessment of *AP1000* design finalization activities that are in-process to provide assurance that known future design activities would not have a material impact on the DCD or the NRC safety review of the DCD. (Note: Design finalization activities refers to development of detailed design documents needed for procurement and fabrication documents – not for licensing purposes. However, in the course of design finalization, there are occasions where design changes are identified, for example, to enhance the design for operability, constructability or supply base availability. All design changes are evaluated for licensing impact and reportability.)
- Westinghouse performed a systematic assessment of applicable open items in the Westinghouse Corrective Action database to provide assurance that there would be no material impact on the DCD or the NRC safety evaluation.
- Westinghouse performed a systematic assessment of applicable open Part 21 evaluations to provide assurance that there would be no material impact on the DCD or the NRC safety evaluation.

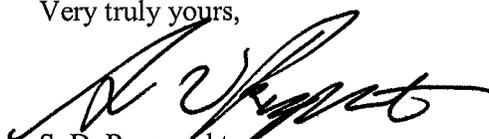
In addition, the AP1000 Design Center Working Group (DCWG) performed an independent audit and assessment of Westinghouse in-process design activities, corrective action items, and finalized calculation documents to provide additional assurances. The DCWG oversight did not identify any issue that would prevent issuance of DCD Revision 19.

Based on the results from these oversight and assessment activities, the "AP1000 Design Control Document", Revision 19 is ready for docketing in support of final rulemaking.

Westinghouse is ready and willing to discuss the actions listed above with the NRC and looks forward to continued NRC progress on the amendment to the *AP1000* Design Certification Rule, as well as the NRC Final Safety Evaluation Report.

Please direct any questions related to this amendment application to R. F. Ziesing, Director, U.S. Licensing at 412-374-2035.

Very truly yours,



S. D. Rupprecht
Vice President
AP1000 Product Delivery Systems

/Attachment

1. "Oath of Affirmation," dated June 13, 2011

/Enclosures

1. CD-ROM Containing APP-GW-GL-700, AP1000 Design Control Document, Revision 19, Sensitive Version
2. CD-ROM Containing APP-GW-GL-702, AP1000 Design Control Document, Revision 19, Public Version

cc: E. McKenna - U.S. NRC
P. Buckberg - U.S. NRC
R. Joshi - U.S. NRC
T. Spink - TVA
P. Hastings - Duke Energy
R. Kitchen - Progress Energy
A. Paglia - SCANA
A. Monroe - SCANA
P. Jacobs - Florida Power & Light
C. Pierce - Southern Company
G. Zinke - NuStart/Entergy
R. Grumbir - NuStart

ATTACHMENT 1

“Oath of Affirmation”

ATTACHMENT 1
UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of:)
AP1000® Design Certification Amendment Application)
NRC Docket Number 52-006)

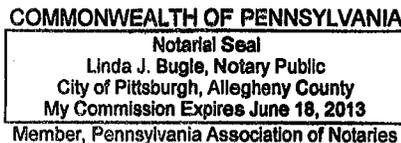
APPLICATION FOR REVIEW OF
“AP1000 GENERAL INFORMATION”
FOR AP1000 DESIGN CERTIFICATION AMENDMENT APPLICATION REVIEW

S. D. Rupprecht, being duly sworn, states that he is Vice President, AP1000 Product Delivery Systems, for Westinghouse Electric Company; that he is authorized on the part of said company to sign and file with the Nuclear Regulatory Commission this document; that all statements made and matters set forth therein are true and correct to the best of his knowledge, information and belief.



S. D. Rupprecht
Vice President
AP1000 Product Delivery Systems

Subscribed and sworn to
before me this 13th day
of June 2011.



Notary

ENCLOSURE 1

APP-GW-GL-700, Revision 19

“AP1000 Design Control Document”

Sensitive Version

***Contains sensitive material relative to the physical protection of an AP1000 Nuclear Plant
That should be withheld from public disclosure pursuant to 10 CFR 2.390(d)***

ENCLOSURE 2

APP-GW-GL-702, Revision 19

“AP1000 Design Control Document”

Public Version

Redacted version of Enclosure 1 with sensitive material relative to the physical protection of an AP1000 Nuclear Plant withheld from public disclosure pursuant to 10 CFR 2.390(d)