



Westinghouse Electric Company
Nuclear Power Plants
P.O. Box 355
Pittsburgh, Pennsylvania 15230-0355
USA

U.S. Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, D.C. 20555

Direct tel: 412-374-6306
Direct fax: 412-374-5005
e-mail: sterdia@westinghouse.com

Your ref: Project Number 740
Our ref: DCP/NRC2057

December 12, 2007

Subject: AP1000 COL Standard Technical Report Submittal of APP-GW-GLR-134 (TR 134), Revision 1

In support of Combined License application activities, Westinghouse is submitting Revision 1 of AP1000 Standard Combined License Technical Report Number 134, "AP1000 DCD Impacts to Support COLA Standardization." This report identifies the impacts and identifies the source document (Technical Report or RAI response) that provides the technical and regulatory bases for the change or addition. This revision of Technical Report 134 contains Tier 1 changes related to the seismic design spectra to provide conformance with previous DCD Tier 2 changes to address hard rock high frequency exceedances, as presented in Technical Report 144, "AP1000 Design Control Document High Frequency Seismic Tier 1 Changes," document APP-GW-GLN-144. Additional conforming changes to DCD Tier 2 information are also provided.

Revision 1 of TR134 includes DCD impacts identified in TR134 Revision 0 plus the additional DCD impacts to incorporate the changes identified in TR144. Revision 0 of Technical Report 134 was submitted as part of the NuStart Bellefonte COL Project on October 26, 2007 via correspondence DCP/NRC2031.

The information in this report is generic and is expected to apply to all COL applications referencing the AP1000 Design Certification. The TR134 Revision 1 changes have been appended to the end of the document and are consistent with the previous format of the document. Attachment A information provides the tabular listing of the impacts, a unique numerical identifier (NRC nmn), a brief description, the impacted DCD section, the DCD impact type (Tier 1, Tier 2, or Tier 2*), the change criteria evaluation result (*i.e.*, NRC prior approval required or NRC prior approval not required), and any appropriate Technical Report and RAI response references. Attachment B contains the markup DCD pages that provide the changes and additions identified in Attachment A. The unique identifier (NRC nmn) is indicated as a left-hand margin annotation to link each markup to the appropriate DCD impact in Attachment A. Please note that the DCD markups in this Technical Report are provided using the redline/strikeout format. As a result, the page numbers on the redline/strikeout pages will not correspond to those in DCD Revision 16.

These redline/strikeout pages are supplemental to the DCD Revision 16 change pages, and together provide the NRC staff with the DCD information for their review to support the AP1000 design certification amendment application. They also support the various COL application FSAR sections that "Incorporate by Reference" the AP1000 DCD Revision 16 as amended by APP-GW-GLR-134.

Pursuant to 10 CFR 50.30(b), APP-GW-GLR-134, Revision 1, "AP 1000 DCD Impacts to Support COLA Standardization," Technical Report Number 134, is submitted as Enclosure 1 under the attached Oath of Affirmation.

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

Very truly yours,



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

/Attachment

1. "Oath of Affirmation," dated December 12, 2007

/Enclosure

1. APP-GW-GLR-134, Revision 1, "AP 1000 DCD Impacts to Support COLA Standardization," Technical Report Number 134

cc:	D. Jaffe	- U.S. NRC	1E	1A
	E. McKenna	- U.S. NRC	1E	1A
	G. Curtis	- TVA	1E	1A
	P. Hastings	- Duke Power	1E	1A
	C. Ionescu	- Progress Energy	1E	1A
	A. Monroe	- SCANA	1E	1A
	J. Wilkinson	- Florida Power & Light	1E	1A
	C. Pierce	- Southern Company	1E	1A
	E. Schmiech	- Westinghouse	1E	1A
	R. Grumbir	- NuStart	1E	1A
	G. Zinke	- NuStart/Entergy	1E	1A

ATTACHMENT 1

“Oath of Affirmation”

ATTACHMENT 1
UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of:)
NuStart Bellefonte COL Project)
NRC Project Number 740)

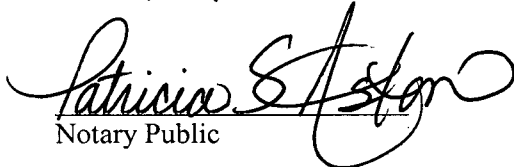
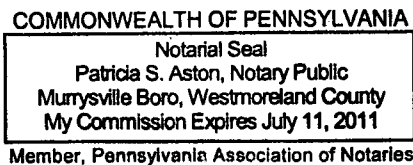
APPLICATION FOR REVIEW OF
"AP1000 GENERAL COMBINED LICENSE INFORMATION"
FOR COL APPLICATION PRE-APPLICATION REVIEW

W. E. Cummins, being duly sworn, states that he is Vice President, Regulatory Affairs and Standardization, 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.



W. E. Cummins
Vice President
Regulatory Affairs and Standardization

Subscribed and sworn to
before me this 12th day
of December 2007.



Notary Public

ENCLOSURE 1

APP-GW-GLN-134, Revision 1

“AP1000 DCD Impacts to Support COLA Standardization”

Technical Report 134