



Westinghouse Electric Company  
Nuclear Power Plants  
1000 Westinghouse Drive  
Cranberry Township, Pennsylvania 16066  
USA

Document Control Desk  
U S Nuclear Regulatory Commission  
Two White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

Direct tel: 412-374-2035  
Direct fax: 724-940-8505  
e-mail: ziesinrf@westinghouse.com

Your ref: Docket No. 52-006  
Our ref: DCP\_NRC\_003153

March 8, 2011

Subject: Transmittal of Technical Reports 03, 85 and 115

Westinghouse is submitting the subject reports in support of the AP1000<sup>®</sup> Design Certification Amendment Application (Docket No. 52-006). The information included in these responses is generic and is expected to apply to all COL applications referencing the AP1000 Design Certification and the AP1000 Design Certification Amendment Application.

The reports provided in Enclosures 1, 2 and 3 are:

- APP-GW-S2R-010 Rev. 5 (TR03) "Extension of Nuclear Island Seismic Analyses to Soil Sites"
- APP-GW-GLR-044 Rev. 2 (TR85) "Nuclear Island Basemat and Foundation"
- APP-GW-GLR-115 Rev. 3 (TR115) "Effect of High Frequency Seismic Content on SSCs"

Questions or requests for additional information related to the content and preparation of these documents 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.

Very truly yours,

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

/Enclosure

1. APP-GW-S2R-010 Rev. 5 (TR03) "Extension of Nuclear Island Seismic Analyses to Soil Sites"
2. APP-GW-GLR-044 Rev. 2 (TR85) "Nuclear Island Basemat and Foundation"
3. APP-GW-GLR-115 Rev. 3 (TR115) "Effect of High Frequency Seismic Content on SSCs"

DD63  
NR0

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