

September 18, 2006

APPLICANT: Westinghouse

SUBJECT: SUMMARY OF THE AUGUST 10, 2006, CATEGORY 1 MEETING WITH WESTINGHOUSE TO DISCUSS THE AP1000 TECHNICAL REPORTS RELATED TO SEISMIC ANALYSES AND STRUCTURES

On August 10, 2006, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Westinghouse, at the NRC Headquarters in Rockville, MD. The purpose of the meeting was to discuss the AP1000 technical reports related to seismic analyses and structures. A list of meeting attendees is included as Enclosure 1, and the agenda is included as Enclosure 2. Enclosure 3 contains Westinghouse's meeting handout which can be accessed through the Agencywide Documents Access and Management System (ADAMS). This system provides text and image files of NRC's public documents. The handout mentioned above may be accessed through the ADAMS system under Accession No. ML062260425. If you do not have access to ADAMS or if there are problems in accessing the handouts located in ADAMS, contact the NRC Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737 or by e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov). A summary of the meeting is included below.

Westinghouse started the meeting by discussing their AP1000 licensing approach, which includes the submission of a Design Certification Revision Application in May 2007. The revision would be based technical reports including Design Control Document (DCD) markups, which have and will be submitted to the NRC for review. Westinghouse discussed the fact that the AP1000 Certified Design was reviewed and approved for hard rock sites using stick models by the NRC. The new seismic analyses were performed to extend the applicability of the design to soil sites and used finite element modeling of the Nuclear Island structures. Westinghouse described the methodology and computer codes used to extend the design to soil sites, as well as the results of these analyses. Next, Westinghouse discussed the analysis that the combined license applicant must perform to demonstrate that they are bounded by the Westinghouse soil site analyses. Lastly, Westinghouse discussed the numerous technical reports which they have submitted or will be submitting to the NRC which are related to the new seismic analysis, as well as the sections of the DCD which will be modified as a result of these technical reports.

Members of the public were in attendance.

Please direct any inquires concerning this meeting to Steven Bloom at 301-415-1313, or [sdb1@nrc.gov](mailto:sdb1@nrc.gov).

***/RA/***

Steven D. Bloom, Senior Project Manager  
AP1000/EPR Projects Branch  
Division of New Reactor Licensing  
Office of Nuclear Reactor Regulation

Project No. 740

Enclosures:   1.   List of Attendees  
                  2.   Agenda  
                  3.   Westinghouse Handouts (ML062260425)

cc: See next page

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**/RA/**

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**Meeting with Westinghouse Related  
Technical Reports Related to Seismic Analyses and Structures**

**Thursday, August 10, 2006  
9:00 a.m. to 3:00 p.m.  
NRC Commissioners' Hearing Room O-1G16**

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Agenda for Public Meeting with Westinghouse Regarding  
Technical Reports Related to Seismic Analyses and Structures  
August 10, 2006, 9:00 a.m. to 3:00 p.m., NRC Commissioners' Hearing Room

9:00 a.m. - 9:05 a.m.	Introductory Remarks	NRC/Westinghouse
9:05 a.m. - 9:35 a.m.	AP1000 Technical Reports	Westinghouse
9:35 a.m. -12:00 p.m.	Extension of Nuclear Island Seismic Analyses to Soil Sites	Westinghouse
12:00 p.m. - 1:00 p.m.	Lunch	
1:00 p.m. - 2:00 p.m.	Extension of Nuclear Island Seismic Analyses to Soil Sites	Westinghouse
2:00 p.m. - 2:30 p.m.	Planned Technical Reports	Westinghouse
2:30 p.m. - 2:55 p.m.	Questions and Answers Opportunity for Public Comments	NRC
3:00 p.m.	Adjourn	

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