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Your ref: Docket No. 52-006
Our ref: DCP/NRC2133

May 20, 2008

Subject: Review Schedule for the AP1000 Design Certification Amendment Application, Revision 16

NRC letter dated February 15, 2008 titled "Review Schedule for the AP1000 Design Certification Amendment Application, Revision 16," identified a schedule where the review of Design Control Document (DCD) Chapters 6, 15, and 16 lagged the review of the other DCD chapters by three months. The letter identified the following as a reason for the lag on Chapters 6 and 15:

"Your submittal did not contain a recirculation screen design nor did it provide associated analyses or test information that support the ability to demonstrate that the requirements of 10 CFR 50, Appendix A, "General Design Criteria for Nuclear Power Plants," GDC 35, "Emergency Core Cooling," and 10 CFR 50.46(b)(5) were met."

The letter also stated this was a risk to the schedule and "an area that introduced significant uncertainty into the review schedule."

The letter also stated that Chapter 16, on Technical Specifications, is on a similar schedule as Chapters 6 and 15 because additional information is expected in March 2008 to address a small number of remaining bracketed items to be removed in the generic technical specifications.

Westinghouse committed to and delivered by April 30, 2008 the additional details on the containment recirculation and In-containment Refueling Water Storage Tank (IRWST) screen designs and analyses and evaluations to demonstrate adequate long-term cooling performance. Westinghouse provided the NRC with a schedule for the delivery of screen design in letter DCP/NRC2083. The six submittals listed below completed the Westinghouse commitment regarding recirculation and IRWST screens.

1. APP-GW-GLN-147, Revision 1, "AP 1000 Containment Recirculation and IRWST Screen Design," Technical Report 147, submitted on March 3, 2008.
2. WCAP-16914-P, "Evaluation of Debris Loading Head Loss Tests for AP1000 Recirculation Screens and In-Containment Refueling Water Storage Tank Screens," submitted March 3, 2008.
3. APP-GW-GLR-079, Revision 3, Technical Report 26, "AP1000 Verification of Water Sources for Long-Term Recirculation Cooling Following a LOCA," submitted March 28, 2008.
4. APP-GW-GLE-002, "Impacts to AP1000 DCD to Address Generic Safety Issue (GSI)-191," submitted on March 28, 2008.

5. DCP/NRC2116, Regulatory Guide 1.82, Revision 3 Assessment, April 9, 2008.
6. APP-PXS-GLR-001, "Impact on AP1000 Post-LOCA Long Term Cooling of Postulated Containment Sump Debris," submitted on April 28, 2008

Additionally, Westinghouse presented the information in the above reports to the NRC in a technical review meeting on April 16, 2008 at the Westinghouse office in Rockville.

With respect to the Technical Specifications, on March 6, 2008 Westinghouse submitted APP-GW-GLR-064 (TR 74A), Revision 2, "AP1000 Generic Technical Specifications Completion" which supplied the additional information to address a small number of remaining bracketed items to be removed from the generic technical specifications. Westinghouse provided the NRC with a schedule for the delivery of the Technical Specification bracketed items in an email dated February 5, 2008 (ML080430256).

Westinghouse is very committed to supporting the DCD review schedule. Westinghouse is particularly sensitive to preventing any impact from revision to the AP1000 Certified Design on the review schedules for the Combined Operating License (COL) applications. Since all the submittals regarding the two items are complete, the uncertainty and the cause of the schedule risk identified in the NRC letter no longer exist. Westinghouse is requesting the staff to confirm that the uncertainty in the review schedule has been removed as a result of the Westinghouse submittals.

This letter is submitted in support of the AP1000 Design Certification Amendment Application (Docket No. 52-006). The information provided in this report is generic and is expected to apply to all COL applicants referencing the AP1000 Design Certification and the AP1000 Design Certification Amendment Application.

Questions or requests for additional information related to content and preparation of this information 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 letter.

Very truly yours,



Robert Sisk, Manager
Licensing and Customer Interface
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cc: B. Gleaves - U.S. NRC
E. McKenna - U.S. NRC
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