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Your ref: Docket No. 52-006  
Our ref: DCP/NRC2350

January 19, 2009

Subject: AP1000 Piping DAC Analysis Schedule.

In Westinghouse letter DCP/NRC2228, dated August 15, 2008 Westinghouse submitted proposed changes to the AP1000 Design Control Document (DCD) (APP-GW-GL-700) to remove the Piping Design Acceptance Criteria (DAC). The changes identified were included in Revision 17 of the AP1000 Design Control Document. The DCD changes reflect an understanding that Westinghouse and the NRC staff have reached on an approach to resolve the Piping DAC. The NRC has agreed to onsite technical review meetings to review piping design information and piping analyses prepared by Westinghouse to resolve the Piping DAC. The NRC review and audit of the design information provides verification that the AP1000 design implements the analysis methods and criteria discussed in the DCD.

During previous discussions and reviews of the AP1000 American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section III piping design the NRC identified the risk significant piping analysis packages that should be available for NRC review. During October 20-24, 2008, the NRC staff performed an initial on-site review of AP1000 ASME Code, Section III, Class I piping and support design with the intent to resolve piping design acceptance criteria (DAC) for ASME Class I piping. Based on the degree of completion of the piping design, the NRC staff determined it could not resolve the Piping DAC at this time. To resolve the piping DAC Westinghouse is making the remaining ASME Code Section III analysis packages for Classes 1, 2 and 3 available for NRC review.

In Westinghouse letter DCP/NRC2293 dated November 20, 2008 Westinghouse provided an update to plans and schedule to complete analyses to resolve the piping DAC. As discussed in this letter Westinghouse expects to complete the design and analysis for the risk significant piping analysis packages by the end of June. Westinghouse plans to make piping package design information and analyses available in our Rockville office as packages are completed prior to the completion of total set of packages to facilitate and optimize the NRC review. The schedule for these packages available in the Rockville office is as follows

<b>Number of Packages</b>	<b>Delivery Date</b>	<b>Line Class</b>
7	February 28, 2009	(3) Class 1 (4) Class 2 & 3
4	March 31, 2009	(1) Class 1 (3) Class 2 & 3
7	April 30, 2009	(2) Class 1 (5) Class 2 & 3
9	May 30, 2009	(2) Class 1 (7) Class 2 & 3
21	June 30, 2009	(5) Class 1 (16) Class 2 & 3

TOTAL 48

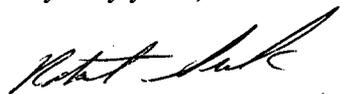
Westinghouse will inform the NRC as these packages are sent to the Rockville office. These packages will be considered complete when they are sent to the Rockville office. The information in the piping design packages for the as-designed piping includes design specifications, stress analyses, seismic analysis, support design, applicable fatigue analysis, applicable thermal analyses, and postulated pipe break locations. The as-designed piping design includes material, pipe size, layout and equipment location, and support and hanger location and design.

Upon completion of the AP1000 ASME Code, Section III, Class 1, 2, and 3 piping analysis packages, Westinghouse that the NRC schedule another on-site review for Class 1, 2, and 3 risk significant piping analysis to complete resolution of the piping DAC.

The information provided above should facilitate completion of the NRC schedule for the review of the AP1000 Design Certification amendment. We expect that this information is sufficient to permit scheduling of review resources to support a review of design packages as they are provided. Westinghouse requests that this review be given sufficient priority to preclude adverse impact on the overall Design Certification amendment review schedule.

The resolutions outlined in this letter are applicable to all Combined License Applications referencing the AP1000 DCD. Questions related to the content and preparation of this letter 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,



Robert Sisk, Manager  
Licensing and Customer Interface  
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