



**Westinghouse
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DCP/NRC1492
Project 711

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

ATTENTION: Samuel J. Collins

SUBJECT: Transmittal of Westinghouse AP1000 Design Control Document
Highlight / Strikeout Version

Dear Mr. Collins,

At our recent meeting on December 18 2001, we discussed the schedule for completion of the pre-certification review of the AP1000, as well as our current plans to submit an application for Design Certification at the end of March of 2002. Enclosed please find Westinghouse Document APP-GW-GL-701 Revision 0, "AP1000 Design Control Document Highlight / Strikeout Version from AP600 Design Control Document." We are submitting this document at this time to allow the staff to plan the upcoming Design Certification review. The document represents an essentially complete Design Control Document (DCD) with the exceptions of Chapter 15 (Accident Analyses) and portions of the Probabilistic Risk Assessment (PRA) summary results found in Chapter 19. The format of the AP1000 DCD is identical to that of the AP600 DCD.

In order for Westinghouse to proceed with Design Certification beginning in April, two items need to be resolved.

1. The first item is the completion of the pre-certification review, which is currently on schedule for completion in March. It is very important to Westinghouse and the NRC that the pre-certification review is completed prior to the end of March to establish a clear basis for the AP1000 Design Certification review.

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w/o env.*

2. The second item is for the staff to determine, with high confidence, the cost and schedule for the Design Certification review. We believe that the enclosed document is a valuable tool for use by the staff in estimating the cost and schedule for the AP1000 Design Certification review. For the purposes of planning, the staff can also assume that the format and content of Chapter 15 will be similar to that of the AP600. In addition, Westinghouse will also submit an AP1000 PRA report with the application for Design Certification that will be similar in scope and content to the PRA submitted for the AP600. We request that the staff provide Westinghouse a cost and schedule estimate for Design Certification by the end of March based on the content of the enclosed document, and based on these assumptions regarding Chapter 15 and the PRA report. Based on our assessment of the AP1000 design and its similarities to the approved AP600, as well as the review accomplished in the pre-certification phase, we expect that Final Design Approval could be completed in early 2004.

Although the primary purpose of submitting this document to the NRC at this time is to enable the planning of the AP1000 Design Certification review, we also feel this document may be valuable to the staff in performing the actual Design Certification review, including the initial review for acceptability. In order to allow the staff to depend upon the results of the review that the staff will have already conducted on the enclosed highlight version, we will submit with our design certification application a report that identifies any changes to the enclosed document. Given that the AP1000 DCD is patterned closely after the approved AP600 DCD, it is our expectation that the staff can complete its review for acceptability of our application by April 30, 2002. My staff looks forward to working with yours to develop a plan that can help realize these expectations.

Thank you for taking the time to meet with me in December. I am encouraged by the commitment of the NRC to effectively plan and manage cost and schedule associated with licensing reviews. I am hopeful that we can maintain excellent communication between our organizations and complete the pre-certification review on schedule, and effectively transition into the Design Certification review. I am certain that with such a continued commitment from both our organizations, the AP1000 Design Certification review can be completed in a highly efficient manner.

Very truly yours,



W. E. Cummins, Director
AP600 & AP1000 Projects

/Attachment

1. APP-GW-GL-701, Revision 0, "AP1000 Design Control Document Highlight / Strikeout Version from AP600 Design Control Document," Volumes 1 – 20, dated January 2002 (5 hardcopies, 6 CD-ROM)

cc: Andrzej Drozd - US NRC, MS O-11D17