

March 24, 2004

Mr. W. E. Cummins, Director
AP600 & AP1000 Projects
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355

SUBJECT: RECONFIRMATION OF AP1000 DESIGN CERTIFICATION REVIEW SCHEDULE

Dear Mr. Cummins,

By letter dated December 2, 2003, I confirmed the schedule for the AP1000 design certification review through the completion of design certification rulemaking (ADAMS Accession Number ML032680283). In this letter, I also identified the following new milestones which are needed in order for the NRC staff to complete the final safety evaluation report (FSER) by September 13, 2004:

- 1) Westinghouse must provide responses to all open items, and the NRC staff must determine that these responses are acceptable by March 31, 2004.
- 2) Westinghouse must submit the final AP1000 design control document (DCD) to the NRC by May 31, 2004.

With regard to the first milestone, it is my understanding that you plan to complete the following actions:

Aerosol Removal Coefficient

- Provide an acceptable response to draft safety evaluation report (DSER) Open Items 6.4-1, 15.3-1, and 15.3.6-1 by Friday, March 26, 2004.

Security

- Provide an acceptable response to DSER Open Items 13.6-1 and 14.3.2-8 by Wednesday, March 24, 2004.
- Provide an acceptable revision to the AP1000 Security Assessment (non-safeguards version) by Wednesday, March 24, 2004.
- Provide an acceptable revision to the AP1000 Security Assessment (safeguards version) by Wednesday, March 31, 2004.

Leak Before Break Leakage Detection

- Provide an acceptable response to DSER Open Item 3.6.3.4-2 by Friday, March 26, 2004.

It is important that these actions are completed in accordance with your planned due dates and are responsive to and will satisfy the staff's questions to support completion of this milestone.

With regard to the second milestone, it is my understanding that you plan to improve upon the May 31, 2004, due date. If you can submit the final DCD to the NRC by May 7, 2004, it would facilitate finalizing the staff's AP1000 FSER in preparation for the upcoming ACRS full and sub-committee meetings. This will allow time for the staff to confirm that the DCD markups you submitted in response to the DSER open items are incorporated in the final DCD. The staff will also need to review the final DCD in order to resolve the remaining administrative open items.

Please contact one of the following members of the AP1000 project management team if you have any questions or comments concerning the AP1000 design certification schedule: Mr. John Segala (Lead Project Manager) at (301) 415-1858, jps1@nrc.gov; Mr. Joseph Colaccino at (301) 415-2752, jxc1@nrc.gov; or Mr. Steven Bloom at (301) 415-1313, sdb1@nrc.gov.

Sincerely,

/RA/

James E. Lyons, Program Director
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket No. 52-006

Enclosure: 1. List of major milestones provided in the December 2, 2003, letter

cc: See next page

W. E. Cummins

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It is important that these actions are completed in accordance with your planned due dates and are responsive to and will satisfy the staff's questions to support completion of this milestone.

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Please contact one of the following members of the AP1000 project management team if you have any questions or comments concerning the AP1000 design certification schedule: Mr. John Segala (Lead Project Manager) at (301) 415-1858, jps1@nrc.gov; Mr. Joseph Colaccino at (301) 415-2752, jxc1@nrc.gov; or Mr. Steven Bloom at (301) 415-1313, sdb1@nrc.gov.

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James E. Lyons, Program Director
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Division of Regulatory Improvement Programs
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Docket No. 52-006

Enclosure: 1. List of major milestones provided in the December 2, 2003, letter

cc: See next page

*See previous concurrence

ADAMS ACCESSION NUMBER: ML040830465

OFFICE	PM:RNRP	SC:RNRP*	PD:RNRP
NAME	JSegala	LDudes	JLyons
DATE	03/24/2004	03/23/2004	03/24/2004

OFFICIAL RECORD COPY

Distribution for AP1000 Schedule Reconfirmation Letter dated March 24, 2004

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AP1000 Managers

AP1000 DESIGN CERTIFICATION REVIEW
MILESTONES AND TARGET DATES

Milestone	Target Date
NRC issues AP1000 draft safety evaluation report with open items.	June 16, 2003*
Westinghouse must provide responses to all open items, and the NRC staff must determine that these responses are acceptable.	March 31, 2004
Westinghouse submits the final AP1000 design control document.	May 31, 2004
NRC/Westinghouse meet with ACRS concerning Final safety evaluation report (FSER)	July 2004
NRC Issues FSER	September 13, 2004**
NRC Issues Final Design Approval	September 13, 2004**
Final Design Certification Rule Issued	December 2005***

*Actual date

** Date is based on Westinghouse meeting specified milestones.

***Date may be shortened by up to 5 months if the May 31, 2004, schedule milestone is met (note that date is also dependent upon extent of any design changes necessitating NRC staff review, additional regulatory requirements, duration of hearings, etc.).

AP 1000

cc:

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