



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

December 31, 1992

Docket No. 52-003

Mr. Nicholas J. Liparulo
Nuclear Safety and Regulatory Activities
Westinghouse Electric Corporation
P.O. Box 355
Pittsburgh, Pennsylvania 15230

Dear Mr. Liparulo:

SUBJECT: ACCEPTANCE OF THE WESTINGHOUSE ELECTRIC CORPORATION APPLICATION FOR
FINAL DESIGN APPROVAL AND DESIGN CERTIFICATION FOR THE AP600 DESIGN

In a letter dated June 26, 1992, the Westinghouse Electric Corporation (Westinghouse) submitted its application for a final design approval under Appendix O to 10 CFR Part 52 and a standard design certification under 10 CFR Part 52 for the AP600 standard plant design. The contents of the application were made in conformance with the requirements of 10 CFR 52.47, and included: (1) the standard safety analysis report (SSAR) for the design; (2) pilot inspections, tests, analyses, and acceptance criteria (ITAAC) for three systems of the design; and (3) the probabilistic risk assessment (PRA) for the design.

In accordance with 10 CFR 2.101, the staff performed an acceptance review to determine if the AP600 application was complete and found that, although an extensive amount of design information was included, the application was incomplete. The missing information included a complete set of ITAAC and certain topical reports (WCAPs) referenced in the SSAR. In addition, the comparison of the AP600 design to the Electric Power Research Institute's Advanced Light Water Reactor Requirements Document, the evaluation of how operational experience was included in the design, and the discussion of severe accident mitigation design alternatives needed to support the review of the application, were not provided.

On December 15, 1992, Westinghouse submitted the information noted as missing or incomplete in the Nuclear Regulatory Commission staff's original acceptance review. The staff has subsequently determined that the information provided fulfills the requirements of 10 CFR Part 52, and therefore, the Westinghouse AP600 application is now considered sufficiently complete to be accepted formally as a docketed petition for design certification. The staff will conduct a detailed review of all application material during its design review.

Enclosed is a copy of the notice relating to the application that will be sent to the Office of the Federal Register for publication.

The staff's review schedule for the AP600, and all other applications for final design approval and design certification, are under evaluation.

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Until the formal review schedule is established, the staff will utilize the estimated review schedule provided in SECY-92-294, "Acceptance Review of the Westinghouse Electric Corporation's Application for Final Design Approval and Design Certification for the AP600 Design," dated August 24, 1992. The staff plans to complete issuing requests for additional information by April 19, 1993, and Westinghouse responses are scheduled for completion by August 23, 1993.

If you have any questions or comments concerning this matter, you may contact one of the project managers assigned to this review, Thomas J. Kenyon at (301) 504-1120, or Rick Hasselberg at (301) 504-1141.

Sincerely,

ORIGINAL SIGNED BY DMCRUTCHFIELD

Dennis M. Crutchfield, Associate Director
for Advanced Reactors and License Renewal
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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Mr. Nicholas J. Liparulo

Westinghouse Electric Corporation
AP600

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