

December 5, 2000

Mr. W.E. Cummins, Director
Advanced Plant Development Unit
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, Pennsylvania 15230-0355

SUBJECT: AP1000 PRE-APPLICATION REVIEW - PHASE 2

Dear Mr. Cummins:

In your letter of August 28, 2000 (DCP/NRC 1465), you asked the Nuclear Regulatory Commission (NRC) to proceed with Phase 2 of the AP1000 pre-application review. We have completed our planning for Phase 2 and reprogrammed our resources so that the review will begin in February 2001. We estimate that Phase 2 will take NRC 6 to 9 months to complete.

The critical path for Phase 2 will be the review of the applicability of the AP600 test program and analysis codes to the AP1000 design. Our procedure for reviewing a computer code is to require submittal of documentation that is understandable to the knowledgeable reviewer, free of errors, and complete in its description and support of the computer code. In order to facilitate our review, we will need the computer code itself in electronic form for installation on an NRC computer. The computer code is expected to include both the source code and an executable form for a computer system compatible with one of those installed at the NRC. The NRC has Unix computers from Sun Microsystems running on Solaris 5.x, Hewlett-Packard computers running on HP/UX-10, and Compaq Alpha computers running on both Unix and VMS as well as computers running on Linux and Windows NT. If you have any questions on this request, contact Jerry N. Wilson of my staff.

Sincerely,

/RA/

Samuel J. Collins, Director
Office of Nuclear Reactor Regulation

Project No. 711

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