

May 16, 2000

MEMORANDUM TO: Thomas L. King, Director  
Division of Risk Analysis and Applications  
Office of Nuclear Reactor Research

Michael E. Mayfield, Director  
Division of Engineering Technology  
Office of Nuclear Reactor Research

Charles E. Rossi, Director  
Division of Systems Analysis and Regulatory Effectiveness  
Office of Nuclear Reactor Research

FROM: David B. Matthews, Director */RA/*  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

SUBJECT: AP1000 PRE-APPLICATION REVIEW

The purpose of this memorandum is to document initiation of phase one (scoping) of the AP1000 pre-application review. The decision to commit NRC resources to the phase one assessment was made at the subject meeting with Westinghouse on April 27, 2000. The meeting summary, dated May 3, 2000, can be reviewed on ADAMS (accession #ML003711754). Westinghouse formally requested NRC to proceed with the phase one assessment by their letter dated May 4, 2000 (accession #ML003712944). The staff's effort for phase one should be reported on TAC #MA8871.

The purpose of the phase one assessment is to identify the review assumptions, questions, and policy issues that the NRC staff will evaluate during the phase two (feasibility) review and to estimate the NRC resources that will be needed to perform the feasibility review.

Westinghouse has been requested to provide their list of issues by May 31, 2000. We will hold a public meeting with Westinghouse on June 5, 2000, to discuss these issues. DRAA, DET and DSARE are requested to provide the list of issues, information needed from Westinghouse, and an estimate of the review effort for Phase two, along with a description of the extent to which each of the RES divisions propose to contribute to the review of this advanced reactor design, by June 19, 2000. The project manager for the AP1000 design review will be Jerry N. Wilson, NRR/DRIP/RLSB.

Project No. 694

CONTACT: Jerry N. Wilson, NRR  
(301) 415-3145

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