

December 16, 1996

Mr. Nicholas J. Liparulo, Manager  
Nuclear Safety and Regulatory Analysis  
Nuclear and Advanced Technology Division  
Westinghouse Electric Corporation  
P.O. Box 355  
Pittsburgh, Pennsylvania 15230

SUBJECT: CLARIFICATION OF AP600 DRAFT SAFETY EVALUATION REPORT (DSER) OPEN  
ITEM 19.1.3.1-9, WESTINGHOUSE SHOULD VERIFY THAT THE PROBABILISTIC  
RISK ASSESSMENT (PRA) MODELS ARE REPRESENTATIVE OF THE AP600 DESIGN

Dear Mr. Liparulo:

During recent discussions concerning DSER Open Item 19.1.3.1-9 there has been confusion between the staff's position and the position of Westinghouse. To avoid further confusion the staff wants to clarify that DSER Open Item 19.1.3.1-9 applies to all AP600 PRA areas (i.e., full power internal and external events and shutdown internal and external events). The staff's review of the AP600 PRA indicated that the shutdown PRA was not updated to include risk significant design changes such as the In-containment Refueling Water Storage Tank squib valves. Thus, the dominant shutdown cutsets and shutdown importance analyses, which are necessary to derive risk results, are outdated.

Therefore, in order to close DSER Open Item 19.1.3.1-9 and finish the AP600 Final Safety Evaluation Report, the staff requests Westinghouse to provide, as appropriate: a revised list of cutsets, a revised list of accident sequences, revised importance analyses, and documentation clarifying other PRA information that has been impacted by risk significant design changes (e.g., fault tree data summaries). If you have any questions regarding this matter, you may contact me at (301) 415-1132.

Sincerely,

original signed by:

Joseph M. Sebrosky, Project Manager  
Standardization Project Directorate  
Division of Reactor Program Management  
Office of Nuclear Reactor Regulation

Docket No. 52-003

cc: See next page

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Docket No. 52-003  
AP600

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