

NOV 21 1984

MEMORANDUM FOR: Darrell Eisenhut, Director  
Division of Licensing  
  
FROM: Themis Speis, Director  
Division of Safety Technology  
  
SUBJECT: SCHEDULE FOR SUBMITTAL OF WAPWR PRA

At your request we have addressed the submittal schedule for the RESAR SP/90 (WAPWR) PRA. Based on conversations with Gary Meyer, DL, we understand that Westinghouse intends to submit a full Probabilistic Risk Assessment (PRA) to NRC for WAPWR in December 1984. Our draft assessment of the PRA will be complete by December 1985. We assume the Westinghouse PRA submittal will include a complete cost/benefit analysis of alternative designs as is discussed in the proposed Commission Policy Statement on Severe Accidents and Related Views on Nuclear Reactor Regulation (48 FRN 16014).

We understand Westinghouse intends to submit its FDA application in mid-1985 (around May or June) and the staff's FDA review of WAPWR will last one year (until mid-1986). This will leave approximately five months in which to incorporate the PRA results and the accompanying cost/benefit analysis into the staff's FDA SER.

We wish to reiterate the need for Westinghouse to submit the full PRA no later than 12/01/84. A delayed submittal would tend to thwart the intent of the Proposed Commission Policy Statement on Severe Accidents and Related Views on Nuclear Reactor Regulation (48 FRN 16014):

- o develop an effective reliability and risk management program beginning at the design stage
- o determine if additional regulatory requirements are necessary
- o factor the PRA into the final design
- o factor operating, design, and construction experience into the final design

We note that the December 1984 submittal of the WAPWR PRA means that the interactive review process originally envisioned will not be possible. We

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assume Westinghouse is continuing to pursue an internal interaction between its PRA analysts and the RESAR SP/90 system designers.

Original Signed by

*Frank Rowson*  
Themis P. Speis, Director  
Division of Safety Technology

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