

DEC 15 1982

Project No.: 668

APPLICANT: WESTINGHOUSE ELECTRIC CORPORATION

FACILITY: Advanced PWR Standard Design

SUBJECT: SUMMARY OF NOVEMBER 30, 1982 MEETING WITH WESTINGHOUSE ON ITS ADVANCED PWR STANDARD DESIGN

On November 30, 1982, members of the NRC staff met with representatives of Westinghouse to discuss the Westinghouse Advanced PWR (APWR) standardization program. Enclosure 1 is the list of attendees from this meeting. The meeting was held, at Westinghouse's request, as a kick-off meeting with the NRC technical staff. Westinghouse presented an overview of its program including a proposed schedule for the NRC review leading to the issuance of an FDA in mid 1986.

One of the Westinghouse's objectives in this program is to "optimally address new and potential future licensing requirements in the W APWR design... with the goal of achieving assurance that the fundamental W APWR design will remain relatively unchanged as a result of future regulatory changes." To achieve this objective, Westinghouse has requested the NRC's involvement earlier in the design process than is "traditionally" expected. The NRC would then be able to influence certain basic design selections by providing early feedback on Westinghouse's analyses of design alternatives.

To initiate and guide the review process, Westinghouse has prepared the "W APWR Licensing Control Document." This report, dated August 1982, is intended to (1) present the bases for the W APWR design in response to new or potential future licensing requirements, and (2) indicate Westinghouse design, analysis evaluation, and licensing documentation intentions for the W APWR. Westinghouse has requested staff comments on the completeness of the document. The technical details of this document will be reviewed in concert with the design modules discussed below.

*Proj # 668*

8212290466 821215  
PDR TOPRP EMVWEST  
C PDR

OFFICE							
SURNAME							
DATE							

DEC 15 1982

The first phase of the technical review, proposed by Westinghouse, is to be conducted pretendering. Westinghouse proposes to prepare a number of system design modules to 1) provide W APWR design detail; 2) establish SAR documentation requirements; and 3) reflect Licensing Control Document commitments in order to obtain NRC agreement with design basis and to obtain NRC feedback on design options. These modules would be reviewed and form the basis for discussions at design review meetings. Formal written evaluations would not be prepared. Feedback would be provided in the form of design review meeting minutes. To this end, Westinghouse has submitted the first two modules: 1) Primary Side Safeguards, and 2) Secondary Side Safeguards. Review of these documents will be initiated in the near future.

The staff's initial react on to Westinghouse's proposal was an expression of concern about our ability to conduct a phased "modular" review without the benefit of an overall design document. In particular, R. Mattson suggested that Westinghouse accelerate its plans for submitting a PRA. In response, Westinghouse agreed, as a first order of business, to meet with the staff to discuss the content and schedule of the W APWR PRA.

Gary Meyer, Project Manager  
 Standardization & Special  
 Projects Branch  
 Division of Licensing

cc: D. Eisenhut  
 F. Miraglia  
 Meeting Attendees

DISTRIBUTION:  
 Document Control  
 NRC PDR  
 NSIC  
 NTIS  
 PRC

OFFICE	DL:SSPB	DL:SSPB					
SURNAME	G Meyer:cc	CT Thomas					
DATE	12/3/82	12/14/82					