



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

MAY 20 1983

MEMORANDUM FOR: C. O. Thomas, Chief  
Standardization and Special Projects Branch, DL

FROM: Walter R. Butler, Chief  
Containment Systems Branch, DSI

SUBJECT: PROPOSED CHANGE IN THE WESTINGHOUSE ADVANCED PWR  
DESIGN FORMAT

As a result of our preliminary review of the Westinghouse Advanced PWR (WAPWR) design proposal, via preliminary design review meetings, we believe certain modifications to the review process are in order. If the modular format for the submittal of information is to be used, then from our perspective it is important that a separate module be devoted to containment systems or containment safeguards. As it now stands, a module is planned to be submitted on containment heat removal systems, with a separate module for plant layout. However, there is no identified module for the containment isolation system or the combustible gas control system. In the present modular format, for example, the containment isolation system can only be reviewed by reviewing all modules to ferret out the pertinent information. Since there is no integrated presentation of the information, it is virtually impossible to determine its completeness. Furthermore, there is no discernible way to effectively review such containment issues as leak testing, subcompartment analysis, or containment purge and vent operation.

In view of the fact that the WAPWR design incorporates the containment design, which is a departure from past or existing Westinghouse standard designs, it would be appropriate for a design module to address, in an integrated fashion, all issues pertinent to containment safeguards. This would serve to assure that proper attention is given to containment issues by both the applicant and the NRC. Accordingly, we request your help in resolving the problem detailed above.

*Walter R. Butler*  
Walter R. Butler, Chief  
Containment Systems Branch  
Division of Systems Integration

cc: ✓ R. Mattson  
R. Houston  
G. Meyer

Contact: C. Tinkler, CSB:DSI, 27605

83 060 30342 AA