



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
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November 17, 1988

MEMORANDUM FOR: Brian W. Sheron, Director  
Division of Systems Research  
Office of Nuclear Regulatory Research

FROM: R. Wayne Houston, Director  
Division of Safety Issue Resolution  
Office of Nuclear Regulatory Research

SUBJECT: PRA REVIEW GUIDANCE FOR ADVANCED LWRs

Copies  
for  
Tom  
Bill  
DINO  
GUY

During the past year and a half I have had occasional discussions with Joe Murphy and Mark Cunningham regarding the need for guidance for staff use in reviewing PRAs submitted by applicants or licensees. Due to the pressure of the 1150 work and other priority matters within PRAB, I asked Mohsen Khatib-Rabhar to initiate a draft of such a document directed at PRAs submitted on Advanced LWRs. Since his experience and expertise is primarily in the "back-end" of PRAs he has prepared a first draft (copy enclosed) that, although including a prospective outline for the front end (Level 1) review, is missing the text.

PRAB has already been involved in the review of the W SP-90 PRA submitted for a PDA, and will be asked to review the submittals on the GE-ABWR and CE System 80+, the SP-90 PRA for the FDA, and the PRA relevant submittal in the EPRI LWR Requirements document.

I request that you have the draft reviewed in PRAB and that they take responsibility for preparing text for Chapter 3 in the Level 1 review area. Mohsen is, of course, available to work with Mark Cunningham or designated members of the Branch to bring this task to a successful conclusion.

I will appreciate it if you will let me know if PRAB can carry this out.

R. Wayne Houston, Director  
Division of Safety Issue Resolution  
Office of Nuclear Regulatory Research

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Enclosure: As stated

cc w/o enclosure:

- |             |                    |                  |
|-------------|--------------------|------------------|
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