

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

May 22, 1990

MEMORANDUM FOR: James M. Taylor  
Executive Director for operations

William C. Parler, General counsel

FROM: Samuel J. Chilk, Secretary

SUBJECT: STAFF REQUIREMENTS - BRIEFING ON  
EVOLUTIONARY LIGHT WATER REACTOR CERTIFI-  
CATION ISSUES AND RELATED REGULATORY  
REQUIREMENTS (CONTINUATION FROM 4/27),  
(SECY-90-016), 10:00 A.M., THURSDAY, MAY 3,  
1990, COMMISSIONERS' CONFERENCE ROOM, ONE  
WHITE FLINT NORTH, ROCKVILLE, MARYLAND  
(OPEN TO PUBLIC ATTENDANCE)

The Commission was briefed by the NRC staff on evolutionary light water reactor (LWR) certification issues and related regulatory requirements.

The Commission requested that it be kept informed on several specific issues related to the certification of advanced reactor designs:

1. Inform the Commission of the point when further discussion on the hydrogen control issue could impact design activities.

(EDO) (SECY Suspense: As appropriate)

2. Inform the Commission of the results of the technical review of EPRI's source term recommendation.

(EDO) (SECY Suspense: 8/31/90)

3. Once Commission guidance is received on these certification issues, provide the Commission with a paper detailing the advantages and disadvantages of proceeding with generic rulemaking, including resource impacts, in

parallel with reviewing the specific designs.  
(EDO/OGC) (SECY Suspense: 9/30/90)

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4. The staff has previously used a consultant in the area of hydrogen detonation. Report to the commission how his views compare with those of the staff in this area.  
(EDO) (SECY Suspense: 8/31/90)

cc: Chairman Carr  
Commissioner Roberts  
Commissioner Rogers  
Commissioner Curtiss  
Commissioner Remick  
GPA  
ACRS  
PDR - Advance  
DCS - PI-24