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UNITED STATES

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NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

August 1, 1988

MEMORANDUM FOR: Victor Stello, Jr.
Executive Director for Operations

FROM: Samuel J. Chilk, Secretary

SUBJECT: STAFF REQUIREMENTS - BRIEFING ON INTERIM
REPORT ON BWR MARK I CONTAINMENT ISSUES, 10:00
A.M., FRIDAY, JULY 22, 1998, COMMISSIONERS'
CONFERENCE ROOM, ONE WHITE FLINT NORTH,
ROCKVILLE, MARYLAND (OPEN TO PUBLIC
ATTENDANCE)

The Commission was briefed by the staff on efforts to improve containment performance under postulated severe accident conditions for General Electric designed MARK-I reactor containments, described in staff paper SECY-88-206, "Status of MARK-I Containment Performance Evaluation" (publicly released at time of briefing).

The Commission requested the schedule for submitting the final recommendations on the MARK-I containment enhancement program.
(EDO) (SECY Suspense: 8/31/88)

In addition, the Commission requested the staff to address the following topics with its final recommendations:

1. The relative risk from a severe core damage accident for boiling versus pressurized water reactor containment designs.
2. The reduction in core melt frequencies resulting from the requirements of the anticipated transient without scram and the station blackout rules. The staff should address the relative benefits in risk reductions for both BWRs and PWRs, including the rationale for the differences.

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3. Safety implications of a fire when diverting the fire water to the decay heat removal system.

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4. Detailed outline of the containment emergency venting operator procedures. The decision process and person responsible for the decision to vent should be clearly identified.

cc: Chairman Zech
Commissioner Roberts
Commissioner Carr
Commissioner Rogers
OGC
GPA
PDR - Advance
DCS - P1-124