

April 18, 1995

MEMORANDUM TO: James M. Taylor
Executive Director for Operations

FROM: John C. Hoyle, Secretary /s/

SUBJECT: STAFF REQUIREMENTS - BRIEFING ON PRA
IMPLEMENTATION PLAN (SECY-95-079), 10:00
A.M., WEDNESDAY, APRIL 5, 1995,
COMMISSIONERS' CONFERENCE ROOM, ONE WHITE
FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO
PUBLIC ATTENDANCE)

The Commission was briefed by the NRC staff on the PRA implementation plan. The Commission requested that some thought be applied to methods for evaluating the validity of, and guidance for providing consistency to, PRAs. Similarly, some means for comparing the effects of different PRAs, in order to provide confidence that the PRA methods and models which are being used provide reasonable results, would be useful. For example, a comparison of PRAs done by different groups of practitioners for the same plant might provide some insight in this area. As a specific example, some PRA models show reactor coolant pump seal failures as a relatively significant risk contributor while other PRA models do not. The staff noted that some of this information would be provided in the IPE briefing scheduled for April 19, 1995. The Commission should be informed of staff plans to address these concerns either at the IPE briefing or as part of the IPE Insights Report.

(EDO)

(SECY Suspense: 1/30/96)

The Commission is also interested in the manner in which PRAs deal with human performance and human factors. While the modelling of human performance reliability and errors of commission are difficult to analyze quantitatively, it is possible to collect data on team performances on simulators as a check against some of the modelling techniques and assumptions. The Commission should be informed of staff plans to improve the modelling of human performance in PRAs and to address the above concerns.

(EDO)

(SECY Suspense: 5/26/95)

The staff committed to provide the final PRA policy statement to the ACRS in parallel with providing it to the Commission, in May 1995. The Commission stated that the ACNW should also be given the opportunity to review the policy statement at the same time.
(EDO) (SECY Suspense: 5/15/95)

cc: The Chairman
Commissioner Rogers
Commissioner de Planque
OGC
OCA
OIG
Office Directors, Regions, ACRS, ACNW, ASLBP (via E-Mail)
PDR - Advance
DCS - P1-24