

DEC 4 1990

MEMORANDUM FOR: Mark A. Caruso, Section Chief
PWR Systems Section
Reactor Systems Branch
Office of Nuclear Reactor Regulation

FROM: George F. Lanik, Chief
Systems Section--GE & CE
Reactor Operations Analysis Branch
Office for Analysis and Evaluation
of Operational Data

SUBJECT: AEOD EVALUATION OF OPERATING EVENTS OCCURRING
DURING HOT AND COLD SHUTDOWN AND REFUELING

Reference: NRC Memorandum from Murley to Taylor, Subject: Staff Plan for
Evaluating Safety Risks During Shutdown and Low Power
Operation, dated October 10, 1990.

Enclosed are: (1) a Special AEOD Evaluation of operating experience during hot and cold
shutdown and refueling, (2) a list of domestic events for consideration for possible Accident
Sequence Precursor (ASP) Program analyses (Attachment 1), and (3) a list of foreign reactor low
power and shutdown events (Attachment 2). Attachment 1 is composed of events from the
AEOD evaluation, from previous AEOD studies, from previous ASP studies and other sources.

We are still updating the database attached to the Evaluation and we will forward it you as soon
as it is finished.

As Bill Jones discussed with you, we believe the next step should be a meeting between NRR and
AEOD personnel at the working level to discuss which events should receive further analysis.

This report satisfies AEOD's commitment under item I. A and I. B of the above reference.

Original signed by

George F. Lanik, Chief
Systems Section--GE & CE
Reactor Operations Analysis Branch
Office for Analysis and Evaluation
of Operational Data

Enclosures: As stated

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