

August 21, 1990

MEMORANDUM FOR: Victor Nerses, Acting Director
 Project Directorate I-3
 Division of Reactor Projects I/II

FROM: Patrick M. Sears, Project Manager
 Project Directorate I-3
 Division of Reactor Projects I/II

SUBJECT: SUMMARY OF MEETING WITH YANKEE ROWE CONCERNING REACTOR
 VESSEL EVALUATION (TAC 71570)

On August 7, 1990 representatives of Yankee Atomic Electric Company (YAEC) met with the staff to discuss their evaluation of the Yankee Rowe reactor pressure vessel (RPV) and to respond to staff questions concerning YAEC's July 9, 1990 submittal (as supplemented August 2, 1990). The staff informed YAEC that the RTNDTs contained in their July 9, 1990 submittal were low.

After a discussion, YAEC was requested to provide the following:

1. An analysis of a Small Break LOCA with a 1 hour isolation.
2. Low Temperature Over Pressure analysis.
3. Documentation of Copper content of the upper RPV material.
4. Records ISI testing of smaller lines.
5. Would the likelihood of a Small Break LOCA be significantly changed if:
 - a. Operating experience were taken into account.
 - b. Specific piping that could lead to LTOP were volumetrically tested.
 - c. Actual records of piping were used.
6. Fluence analyses of the RPV material.
7. A plan of short term efforts to reduce the likelihood of events.
8. Long term program of surveillance, testing, training, inspection, and research to reduce the uncertainties regarding the RPV.

Original Signed by:

Patrick M. Sears, Project Manager
 Project Directorate I-3
 Division of Reactor Projects I/II

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