



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

MAY 31 1979

MEMORANDUM FOR: C. J. Heltemes, Jr., Chief,
Standardization Branch, DPM

FROM: W. F. Kane, Project Manager,
Standardization Branch, DPM

SUBJECT: SUMMARY OF MEETING WITH EXXON TO DISCUSS THEIR ROLE
IN TMI-2 RELATED REEVALUATIONS OF OPERATING PLANTS

On May 21, 1979, representatives of Exxon met with members of the NRC staff. The primary purpose of this meeting was to discuss the role that Exxon would play in the staff's current program for evaluating all operating plants relative to the accident at Three Mile Island - Unit 2 (TMI-2). A list of attendees is provided as Enclosure A to this summary. The major points discussed at the meeting are summarized below.

1. Exxon's Role

D. Ross summarized the staff's need to initiate a dialogue with Exxon on the staff's evaluation of operating plants, in light of the TMI-2 accident. He noted that Exxon is a fuel supplier and that Exxon fuel is currently in a number of operating reactors. He also pointed out that Exxon (as opposed to the NSSS vendor) was doing the safety analyses for some of those utilities. The staff does not know what roles these three parties will play in the reevaluation program for operating plants having Exxon fuel. He noted that it is important to define these roles, in light of our review procedure. Thus far, we have asked PWR utilities to reevaluate transients and small breaks, prepare revised procedural guidance, and train operating personnel in the use of this new guidance. In the case of the B&W plants, this involved simulator training on the B&W simulator. The Exxon representatives pointed out that they have (or soon will have) fuel in those plants listed in Enclosure B to this summary. To date, these utilities have not requested Exxon's assistance in responding to any of the staff's inquiries relative to TMI-2. They also said that Exxon does not do the safety analyses for all of those plants, noting that Maine Yankee, and Yankee Rowe plants were two exceptions. Further, they pointed out that Exxon has no simulator capability.

The staff and Exxon agreed that it was important to get the respective roles of the NSSS vendor and the fuel supplier clarified for purposes of this reevaluation program. D. Ross noted that we planned to send letters to each of the owners of operating plants to request that clarification. He also pointed out that meetings will be held next week with the owners

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of Westinghouse plants and the following week with owners of Combustion Engineering plants and that this matter would be on the agenda.

2. Discussion of Staff Information Needs

A. Thadani and P. Norian discussed the type of analysis that the staff is requesting of utilities relative to the TMI-2 accident. The staff's inquiries are directed toward assuring that utilities understand transients and small breaks in the reactor coolant system and that they (or their agents) have the capability to do these analyses. Realistic, as well as conservative, analyses are needed along with a determination of how critical the delivery of auxiliary feedwater is to the various events. The principal output of these analyses will be an assessment of the adequacy of current procedural guidance to operators and the development of new or modified procedures, as appropriate.

3. Review of Michelson's Work

B. Sheron discussed the staff's use of ACRS consultant C. Michelson's studies of small breaks in pressurized water reactors. The Exxon representatives were given a copy of Michelson's report on B&W plants which was dated January 1978. In addition, he noted that the staff is currently reviewing a draft report prepared by Michelson on C-E plants.

4. Future Activities

The staff and Exxon agreed to establish an interface to deal with TMI-2 related matters. Over the short term, the staff will inform Exxon of meetings and correspondence related to their potential activities in the evaluation program for operating plants. The staff contact is W. Kane and the Exxon contact is G. Owsley. The Exxon representatives said that they would talk to their utility customers and attempt to define their role in the evaluation program. The staff noted that the response to the letters to utilities, the first of which should go out this week, should define the respective roles of the NSSS vendor, fuel supplier, and any other involved parties in the overall evaluation program. It was agreed that future meetings between Exxon and the staff would not be held until Exxon's role is defined by the utilities.



W. F. Kane, Project Manager
Standardization Branch
Division of Project Management

Enclosures

- A. List of Attendees
- B. Exxon Utility Customers

Distribution:

See attached sheet

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ENCLOSURE A

LIST OF ATTENDEES - MEETING WITH EXXON, MAY 21, 1979

EXXON

W. Nechodom
G. Owsley
H. Williamson

NRC STAFF

D. Ross
T. Novak
W. Kane
P. Norian
B. Sheron
A. Thadani

ENCLOSURE B

EXXON UTILITY CUSTOMERS

<u>Plant Name</u>	<u>Utility</u>	<u>NSSS Vendor</u>
Ginna	Rochester Gas & Electric	Westinghouse
Robinson	Carolina Power & Light	Westinghouse
Cook	Indiana Michigan Electric	Westinghouse
Prairie Island	Northern States Power	Westinghouse
Kewaunee	Wisconsin Public Service	Westinghouse
Yankee Rowe	Yankee Atomic	Westinghouse
Palisades	Consumers Power	Combustion Engineering
Maine Yankee	Maine Yankee Atomic	Combustion Engineering
Fort Calhoun	Omaha Public Power District	Combustion Engineering
Oyster Creek	Jersey Central Power & Light	General Electric
Dresden 1	Commonwealth Edison	General Electric
Big Rock Point	Consumers Power	General Electric