



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

February 26, 1992

Docket No. 50-605

APPLICANT: General Electric Company (GE)
PROJECT: Advanced Boiling Water Reactor (ABWR)
SUBJECT: SUMMARY OF MEETING WITH GE TO DISCUSS THE ABWR HUMAN FACTORS PROGRAM

On January 7-9, 1992, the Nuclear Regulatory Commission (NRC) staff met with GE in San Jose, California, to discuss human factors issues for the ABWR review. Generally, the meeting was productive, and a path to closure for the remaining open issues was discussed.

The proposed meeting in Japan was also discussed. The Joint Studies conducted by GE, Hitachi, and Toshiba will be the mechanism for confirming the adequacy of some of the key features of the ABWR man-machine interface (MMI) design. GE briefly discussed the Joint Studies evaluations, including the use of videotape analysis techniques of operator control room activities. The staff would like to review the evaluation methods and conclusions in greater detail, as part of the proposed meeting in Japan.

GE agreed to the following:

1. To complete the actions listed in the body of the enclosed meeting summary.
2. To prepare a summary of their relevant experience using the ABWR proposed design process for the upcoming NRC/GE management meeting on January 28-29, 1992, in San Jose, California.
3. To provide responses to all Human Factors draft safety evaluation report open items by February 28, 1992.

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4. To submit the following to the NRC by February 16, 1992:
 - a) Provide inspections, tests, acceptance, and analysis criteria, and design acceptance criteria for Tier 1;
 - b) Provide process description and Tier 2 information;
 - c) Provide an inventory of displays, controls, and alarms.

Rebecca L. Nease

Rebecca L. Nease, Project Manager
Standardization Project Directorate
Division of Advanced Reactors
and Special Projects
Office of Nuclear Reactor Regulation

Enclosures:

1. Summary of NRC/GE Meeting
on the ABWR SSAR
Chapter 18 Review
2. Agenda - Human Factors
Meeting - January 7-9, 1992
3. List of Attendees

cc w/enclosures:
See next page

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(Original signed by)

Rebecca L. Nease, Project Manager
 Standardization Project Directorate
 Division of Advanced Reactors
 and Special Projects
 Office of Nuclear Reactor Regulation

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