



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

April 23, 1992

Docket No. 52-002

APPLICANT: ABB Combustion Engineering Nuclear Power (CE)

PROJECT: CE SYSTEM 80+

SUBJECT: SUMMARY OF MEETING HELD ON APRIL 16 AND 17, 1992, REGARDING
HUMAN FACTORS ENGINEERING ISSUES

On April 16 and 17, 1992, Nuclear Regulatory Commission (NRC) staff met with CE representatives at the CE offices in Rockville, Maryland, to discuss the scope of a proposed audit of the CE System 80+ control room design, the content of a draft inspection, test analysis, and acceptance criteria and design acceptance criteria for human factors areas, and the CE responses to the NRC staff's request for additional information regarding Chapter 18 of the CE Standard Safety Analysis Report - Design Certification (CESSAR-DC).

At the April 9, 1992, management meeting between NRC management and CE management, CE committed to provide certain technical and program information to the NRC staff at this meeting. This material was provided to the staff on April 17, 1992. The NRC staff provided clarification regarding the need for docketing of all material that the NRC will need in order to reach a safety conclusion on the adequacy of CE System 80+ designs or programs. The NRC staff emphasized that before information will be considered as a basis for our safety conclusions it must be available on the docket. The NRC staff noted that all material transmitted to the NRC regarding the CE System 80+ review should, and will, be placed on the docket.

The NRC staff discussed the scope of the proposed control room design review. CE management had requested this control room design review at the April 9, 1992, management meeting. CE representatives expressed concern that their program and control room design documentation may not be sufficient to favorably support a detailed NRC review and CE representatives proposed a "limited scope" control room design review. The NRC staff noted that this review was being planned at CE's request and that a "limited scope" review did not appear acceptable. The NRC staff requested that CE formalize its request for a "limited scope" review and provide details concerning their proposed review scope for NRC management consideration. In addition, CE representatives indicated that a letter regarding the scope of design that CE wants certified should be sent by April 24, 1992.

The NRC staff and CE representatives discussed a draft ITAAC/DAC for the human factors area. The NRC staff explained that the draft ITAAC/DAC should be used as a 'strawman.' CE is required to develop its own ITAAC/DAC for the human

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factors areas. CE representatives expressed their desire to quantify the criteria contained in the ITAAC/DAC. The NRC staff stated that CE could define their own criteria within good human factors engineering practices.

The NRC staff and CE representatives discussed the CE responses to the NRC's requests for additional information (RAIs) concerning human factors engineering and human factors programs for the CESSAR-DC. CE provided clarification on several of the responses and, where appropriate, committed to provide revised RAI responses.

Original Signed By:

Thomas G. Hiltz, Project Manager
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Enclosure:
List of Attendees

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Enclosure

April 16 and 17, 1992

CE SYSTEM 80+ HUMAN FACTORS ENGINEERING ISSUES MEETING

LIST OF ATTENDEES

<u>Name</u>	<u>Affiliation</u>
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Richard J. Eckenrode**	NRC/NRR/LHFB
Thomas G. Hiltz	NRC/NRR/PDST
Donna Smith	NRC/NRR/LHFB
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* Part-time on April 16, 1992 only.

** April 16, 1992 only.