



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

December 7, 1993

Docket No. 52-002

APPLICANT: ABB-Combustion Engineering, Inc. (ABB-CE)
PROJECT: CE System 80+
SUBJECT: PUBLIC MEETING OF OCTOBER 22, 1993, REGARDING THE TECHNICAL SPECIFICATIONS FOR INSTRUMENTATION, FOR THE ABB-CE SYSTEM 80+ STANDARD PLANT DESIGN

On October 21, 1993, a public meeting was held at the ABB-CE offices in Windsor, Connecticut, between representatives of ABB-CE and the U.S. Nuclear Regulatory Commission (NRC). Enclosure 1 provides a list of attendees.

The purpose of the meeting was to discuss issues related to the NRC staff and contractor's review of ABB-CE's technical specifications (TS) for instrumentation for the System 80+ design. The NRC staff provided comments on the instrumentation TS in a letter dated October 14, 1993.

The meeting began with an overview of TS progress for digital systems from Jim Palomar of Lawrence Livermore National Laboratory (LLNL) and a briefing on the process the NRC staff intends to follow for its review by Carl Schulten of the TS Branch. Key issues discussed during the meeting included: channel definitions; surveillance requirements; and organization of the TS.

The following are key statements and action items agreed to by the attendees:

- Statement: ABB-CE objected to having to place special administrative controls on software errors. This is an open item for further discussion.
- Statement: ABB-CE does not want to commit to a comprehensive functional test as suggested by Jim Palomar. ABB-CE believes that their current Surveillance Requirements (SR) are adequate. This is an open item for further discussion.
- Action Item: ABB-CE to add a TS section on the Alternate Protection System.
- Action Item: ABB-CE to add shutdown risk monitoring parameters to TS.
- Action Item: ABB-CE to mark up the protection system block diagram provided by Jim Palomar to reflect the current design.

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Action Item: ABB-CE to provide, in the TS bases, a description of what is meant by performing a surveillance. If an automatic surveillance is performed, the operator must verify that the automatic surveillance is running.

Action Item: ABB-CE to revise SRs for the following tests:

- (1) Logic Channel Functional Test
- (2) Selective Group Functional Test
- (3) Diverse Manual ESF Action Functional Test

Action Item: ABB-CE to revise TS based on discussions from this meeting. The LCO section will be sent to the NRC staff by November 1, 1993. The TS bases will be sent by November 15, 1993.

Original Signed By

Stewart L. Magruder, Project Manager
 Standardization Project Directorate
 Associate Directorate for Advanced Reactors
 and License Renewal
 Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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ABB-CE SYSTEM 80+
TECHNICAL SPECIFICATIONS FOR INSTRUMENTATION
MEETING ATTENDEES
OCTOBER 22, 1993

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R. Rescorl	ABB-CE
S. Wilkosz	ABB-CE
J. McNally	ABB-CE
M. Chiramal	NRC
J. Rec	ABB-CE
B. Watson	ABB-CE
C. Schulten	NRC
R. Lo	NRC
A. Chu	NRC
P. Yanosy	ABB-CE
K. Scarola	ABB-CE
J. Palomar	LLNL
S. Ritterbusch	ABB-CE
S. Magruder	NRC

Enclosure