

April 24, 1997

MEMORANDUM TO: David B. Matthews, Chief
Generic Issues and Environmental
Projects Branch
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

FROM: Stewart L. Magruder, Project Manager Original Signed By:
Generic Issues and Environmental
Projects Branch
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

SUBJECT: NOTICE OF MEETING WITH ABB-COMBUSTION ENGINEERING (ABB-CE)

DATE AND TIME: April 29, 1997
1:00 p.m. - 3:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
Two White Flint North
11545 Rockville Pike
Rockville, Maryland 20852
Room T-6A1

PURPOSE: To discuss ABB-CE's licensing position on certain control
element assembly (CEA) misoperation events. A draft agenda
is attached.

PARTICIPANTS: NRC ABB-CE

L. Kopp	N. Shapiro
H. Richings	S. O'Hearn
M. Chatterton	I. Rickard
S. Magruder, et al.	R. Bandera (APS)

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

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Meetings between the NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, intervenors, or other parties to attend as observers pursuant to "Commission Policy Statement on Staff Meeting Open to the Public," 59 Federal Register 48344, 9/20/94. Members of the public who wish to attend should contact Stewart Magruder (NRC) at (301) 415-3139.

ABB-CE/NRC MEETING ON CEA MISOPERATION EVENTS
April 29, 1997
DRAFT AGENDA

- **Introductions**

- **ABB-CE Presentation**

During their presentation, ABB-CE representatives will answer the following questions:

- 1) Why has ABB-CE decided to change its practice of evaluating the Control Element Assembly (CEA) Deviation Within Deadband event and the Part Length Rod (PLR) Slip event each cycle to confirm that they meet the acceptance criteria for anticipated operational occurrences (AOOs?)
- 2) Using the most positive moderator temperature coefficient (MTC) allowed by technical specifications (TS) to maximize the power rise during the event is conservative since positive MTCs are typically present only very early in cycle and only at low powers. Do any ABB-CE designed plants have TS which allow a positive MTC later in the fuel cycle and at higher power levels? What effect does this have on the analysis?
- 3) Has the analysis of the CEA deviation and PLR slip events ever demonstrated that they are limiting with respect to thermal margin degradation?
- 4) What are licensees that are performing their own analyses using ABB-CE methodology, under a methodology transfer agreement, told about the CEA deviation and PLR slip events by ABB-CE?
- 5) Since PLR slips have been experienced in plant operation, why should they not be considered AOs and evaluated during each reload evaluation?

- **NRC Discussion and Feedback on ABB-CE presentation**

- **Summary and Conclusions**

ABB-Combustion Engineering, Inc.

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