



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 13, 1997

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

FROM: Peter C. Wen, Project Manager *Peter C. Wen*
Generic Issues and Environmental
Projects Branch
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JANUARY 30, 1997, MEETING WITH ABB COMBUSTION
ENGINEERING REGARDING REVIEW OF CENPD-137, SUPPLEMENT 2-P,
SMALL BREAK LOSS-OF-COOLANT ACCIDENT EVALUATION MODEL

On January 30, 1997, representatives of ABB Combustion Engineering (ABB-CE) met with representatives of the Nuclear Regulatory Commission (NRC) at the ABB-CE's offices in Rockville, Maryland. Attachment 1 provides a list of meeting attendees.

The purpose of the meeting was to discuss ABB-CE's responses to the staff's request for additional information (RAI) dated December 18, 1996. The RAI raised questions regarding the steam flow phenomena planned to be implemented in the proposed ABB-CE small break LOCA evaluation model (CENPD-137, Supplement 2-P.)

ABB-CE, the staff and its contractor discussed their progress toward resolution of remaining open issues. The issue of loop seal clearing was tentatively resolved, pending submittal of documentation. Regarding the issue related to steam flow phenomena, ABB-CE presented results of analyses using the TRAC code. However, because of the complexity of the issue, further study is needed, and resolution is ongoing.

Attachment: As stated

OFM-6 MEETING

200133

1/1
DF/3

9702200327 970213
PDR TOPRP EMVC-E
C PDR

NRC FILE CENTER COPY

97-33

February 13, 1997

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

FROM: Peter C. Wen, Project Manager Original Signed By:
Generic Issues and Environmental
Projects Branch
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JANUARY 30, 1997, MEETING WITH ABB COMBUSTION
ENGINEERING REGARDING REVIEW OF CENPD-137. SUPPLEMENT 2-P,
SMALL BREAK LOSS-OF-COOLANT ACCIDENT EVALUATION MODEL

On January 30, 1997, representatives of ABB Combustion Engineering (ABB-CE) met with representatives of the Nuclear Regulatory Commission (NRC) at the ABB-CE's offices in Rockville, Maryland. Attachment 1 provides a list of meeting attendees.

The purpose of the meeting was to discuss ABB-CE's responses to the staff's request for additional information (RAI) dated December 18, 1996. The RAI raised questions regarding the steam flow phenomena planned to be implemented in the proposed ABB-CE small break LOCA evaluation model (CENPD-137, Supplement 2-P.)

ABB-CE, the staff and its contractor discussed their progress toward resolution of remaining open issues. The issue of loop seal clearing was tentatively resolved, pending submittal of documentation. Regarding the issue related to steam flow phenomena, ABB-CE presented results of analyses using the TRAC code. However, because of the complexity of the issue, further study is needed, and resolution is ongoing.

Attachments: As stated

Document Name: G:\PXW\MSUM CE.130

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	PM: PGEB	SRXB: DSSA	SC: PGEB	BC: PGEB
NAME	PWen PCW	FOrr	FAkstu New Liz	DMatthews
DATE	2/6/97	2/6/97	2/12/97	2/13/97

OFFICIAL RECORD COPY

Distribution: MTG SUMMARY W/ABB-CE DATED February 13, 1997

Hard Copy

Central Files

OGC

PUBLIC

SMagruder

PGEB R/F

PWen

ACRS

E-Mail

FMiraglia

BSheron

JLyons

FOrr

AThadani

GHolahan

TCollins

RZimmerman

DMatthews

EWeiss

TMartin

WDean, EDO

MChatterton



NRC/ABB-CE MEETING ON SBLOCA EM REVISION

LIST OF ATTENDEES

January 30, 1997

NAME

ORGANIZATION

Ernie Jageler
Ed Lee
Frank Orr
Peter Wen
Dan Prelewicz
Bill Arcieri
Len Ward

ABB-CE
ABB-CE
NRC/NRR
NRC/NRR
Sciencetech
Sciencetech
Sciencetech

ABB-Combustion Engineering, Inc.

cc: Mr. Charles B. Brinkman, Director
Nuclear Systems Licensing
ABB-Combustion Engineering, Inc.
Post Office Box 500
1000 Prospect Hill Road
Windsor, Connecticut 06095-0500

Mr. Ian C. Rickard, Director
Operations Licensing
ABB-Combustion Engineering Nuclear Operations
Post Office Box 500
1000 Prospect Hill Road
Windsor, Connecticut 06095-0500

Mr. Charles B. Brinkman, Manager
Washington Nuclear Operations
ABB-Combustion Engineering, Inc.
12300 Twinbrook Parkway, Suite 330
Rockville, Maryland 20852