

FEB 12 1982

Docket Nos: 50-329/330 OM, OL



MEMORANDUM FOR: Elinor G. Adensam, Chief
Licensing Branch No. 4, DL

FROM: Ronald Hernan, Project Manager
Licensing Branch No. 4, DL

SUBJECT: NOTICE OF MEETING - MIDLAND, UNITS 1 AND 2

DATE & TIME: February 23, 1982
8:30 AM - 4:00 PM

LOCATION: Room P-114
Phillips Building
Bethesda, Maryland

PURPOSE: To resolve remaining Instrumentation and Control SER
Open Items (Chapter 7).

PARTICIPANTS: ^{1/}

<u>NRC</u>	<u>Consumers Power Company</u>
H. Lee	B. Horshe, et al.
T. Dunning	
R. Hernan	<u>Argonne National Lab</u>
<u>Bechtel</u>	S. Halverson
D. Lewis, et al.	
<u>Babcock and Wilcox</u>	
B. Gray	

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Ronald W. Hernan, Project Manager
Licensing Branch No. 4
Division of Licensing

Enclosure: Agenda

cc: See next page

1/ Meetings between NRC technical staff and applicants for licenses are open for interested members of the public, petitioners, intervenors, or other parties to attend as observers pursuant to "Open Meeting and Statement of NRC Staff Policy", 43 Federal Register 28058, 6/28/78.

OFFICE	DL:LB#4
SURNAME	RHernan:eb
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FEB 1 1982

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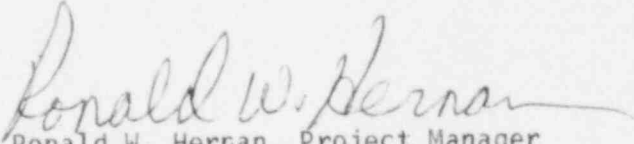
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MIDLAND

Mr. J. W. Cook
Vice President
Consumers Power Company
1945 West Parnall Road
Jackson, Michigan 49201

cc: Michael I. Miller, Esq.
Ronald G. Zamarin, Esq.
Alan S. Farnell, Esq.
Isham, Lincoln & Beale
Suite 4200
1 First National Plaza
Chicago, Illinois 60603

James E. Brunner, Esq.
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Ms. Mary Sinclair
5711 Summerset Drive
Midland, Michigan 48640

Stewart H. Freeman
Assistant Attorney General
State of Michigan Environmental
Protection Division
720 Law Building
Lansing, Michigan 48913

Mr. Wendell Marshall
Route 10
Midland, Michigan 48640

Mr. Roger W. Huston
Suite 220
7910 Woodmont Avenue
Bethesda, Maryland 20814

Mr. R. B. Borsum
Nuclear Power Generation Division
Babcock & Wilcox
7910 Woodmont Avenue, Suite 220
Bethesda, Maryland 20814

Cherry & Flynn
Suite 3700
Three First National Plaza
Chicago, Illinois 60602

Mr. Don van Farrowe, Chief
Division of Radiological Health
Department of Public Health
P.O. Box 33035
Lansing, Michigan 48909

William J. Scanlon, Esq.
2034 Pauline Boulevard
Ann Arbor, Michigan 48103

U.S. Nuclear Regulatory Commission
Resident Inspectors Office
Route 7
Midland, Michigan 48640

Ms. Barbara Stamiris
5795 N. River
Freeland, Michigan 48623

Mr. Paul A. Perry, Secretary
Consumers Power Company
212 W. Michigan Avenue
Jackson, Michigan 49201

Mr. Walt Apley
c/o Mr. Max Clausen
Battelle Pacific North West Labs (PNWL)
Battelle Blvd.
SIGMA IV Building
Richland, Washington 99352

Mr. I. Charak, Manager
NRC Assistance Project
Argonne National Laboratory
9700 South Cass Avenue
Argonne, Illinois 60439

James G. Keppler, Regional Administrator
U.S. Nuclear Regulatory Commission,
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Mr. J. W. Cook

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cc: Commander, Naval Surface Weapons Center
ATTN: P. C. Huang
White Oak
Silver Spring, Maryland 20910

Mr. L. J. Auge, Manager
Facility Design Engineering
Energy Technology Engineering Center
P.O. Box 1449
Canoga Park, California 91304

Mr. Neil Gehring
U.S. Corps of Engineers
NCEED - T
7th Floor
477 Michigan Avenue
Detroit, Michigan 48226

Charles Bechhoefer, Esq.
Atomic Safety & Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. Ralph S. Decker
Atomic Safety & Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dr. Frederick P. Cowan
Apt. B-125
6125 N. Verde Trail
Boca Raton, Florida 33433

Jerry Harbour, Esq.
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Geotechnical Engineers, Inc.
ATTN: Dr. Steve J. Poulos
1017 Main Street
Winchester, Massachusetts 01890

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Project Manger _____ R. Hernan
Licensing Assistant _____ M. Duncan
D. Hood

NRC PARTICIPANTS

H. Lee
T. Dunning
R. Hernan

bcc: Applicant & Service List

AGENDA ITEMS MEETING

1. Justify the RCS flow measurement units share common instrument line (FSAR Fig. 7.2-5).
2. Provide status on setpoint methodology for the reactor trip instrument channels and the engineered safety features actuation instrument channels.
3. Discuss safety grade anticipatory reactor trip system sensors qualification, cable routing criteria, and Technical Specification surveillance requirements.
4. Discuss decay heat removal system letdown isolation valves diverse interlock (non-conformance to BTP ICSB-3).
5. Justify the bypassing automatic actuation signals to the chilled water safeguard pumps by a transfer switch.
6. Identify and justify all safety interlocks which cannot be tested during normal operation.
7. Provide a failure modes and effects analysis for the PORV block valve interlock bypass during a shutdown bypass mode of operation.
8. Provide status on evaluation of control grade system failures caused by malfunctions of common power source or instrument line.

9. Discuss channel separation criteria for RPS shutdown bypass switch.
10. Discuss single failure criteria for RCS letdown isolation valve arrangements.
11. Discuss Technical Specification surveillance requirement on safe shutdown system.
12. NI/RPS grounding concerns.

OPEN ITEMS:

Action	Date Due
1) Provide response to IE Bulletin 79-22 (Reference: ICSB Question 4)	2/15/82
2) Revise FSAR Table 7.3-6 to clarify that those components listed as exceptions to Regulatory Guide 1.22 will be tested during shutdown conditions, and provide justification for not testing during power operation (Reference: ICSB Question 7)	2/15/82
3) Evaluate providing reset capability on seal in AFWAS to the AFW level control valve in addition to capability presently provided by FOGG switches. Evaluate providing indication of the valve controllers being in manual on the not-bypassed status indication panel (Refer to Drawing 7220-E-158, Sh 54; Reference: ICSB Question 8)	To be determined
4) Provide a technical specification to verify every 18 months the operability of the interlock logic that controls the automatic switchover of AFW supply from the condensate storage tank to the service water supply system. (Reference: ICSB Question 8)	To be determined
5) Meet with NRC to discuss conformance to Regulatory Guide 1.97, Rev 2, and include status of instrumentation to detect inadequate core cooling (reactor coolant hot leg level and incore thermocouple temperature instrumentation; Reference: ICSB Question 21)	To be determined
6) Provide response to IE Bulletin 79-27 (Reference: ICSB Question 33)	2/15/82

Action	Date Due
7) Complete response to FSAR Question 31.54 regarding reference leg temperature error effects on instrument accuracy (Reference: ICSB Question 35)	2/15/82
8) Evaluate those components actuated by ECCAS to determine if all components on each test pushbutton can be actuated at power; for those components that are not 100% tested at power, include reference and justification in FSAR Table 7.3-6 (Reference: ICSB Question 36)	2/15/82
9) Provide in FSAR Section 7.6 or 7.7 a description of the heat tracing used for the service water flow transmitter, borated water storage tank level transmitter, and emergency boration system when heat tracing design is complete (Reference: ICSB Question 40)	2/15/82
10) Provide the design basis for the 5% flux trip and when this 5% trip is required. (Reference: ICSB Question 43)	2/15/82
11) Update FSAR Tables 7.4-1, 7.4-2, and 7.4-3 to reference P&IDs and actual valve numbers (handwritten copy provided during meeting; Reference: ICSB Question 45)	2/15/82
12) Revise FSAR Subsection 15.1.3 to clarify that a pressure regulator malfunction of 128% flow bounds a fault in the process steam transfer system. (Reference: ICSB Question 50)	2/15/82
13) In FSAR Tables 1.7-16, 1.7-17, 1.7-18, 1.7-19, 1.7-20, and 1.7-21 provide a cross-reference from B&W drawing number to Bechtel vendor print number (Reference: ICSB Question 63)	2/15/82
14) Provide a list of non-Class 1E control signals that provide input to Class 1E control circuits	