

TERA

February 21, 1984

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

Mr. J. G. Keppler
Administrator, Region III
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Mr. D. G. Eisenhut
Director, Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Docket Nos. 50-329 OM, OL and 50-330 OM, OL
Midland Nuclear Plant - Units 1 and 2
Independent Design and Construction Verification (IDCV) Program
Meeting Notices - 1) Seventh OCR Status Review Meeting
2) Civil/Structural Review Meeting

First Meeting: Seventh OCR Status Review Meeting

Date: February 29, 1984

Time: 9:00 AM

Location: Bechtel Offices
Conference Room IB1/IB2
777 East Eisenhower Parkway
Ann Arbor, Michigan

Subject: Discussion and Status of Confirmed Items
and Findings

Agenda: See Attachment I

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Second Meeting: Civil/Structural Review Meeting

Date: March 1, 1984

Time: 1:00 PM

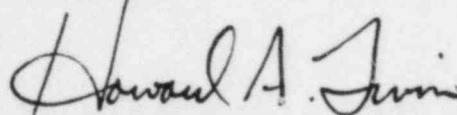
Location: Same as above

Subject: Discussion and Status of Confirmed Items
in the Civil/Structural Discipline

Agenda: See Attachment 2

Participants: H. Levin, et al., TERA
L. Gibson, et al., Consumers Power Company
J. Milhoan, H. Wang, NRC, I&C HQ
R. Burg, et al., Bechtel
W. Hall, U. of Illinois, Member Midland IDCVP
Senior Review Team (March 1, 1984 only)
M. Holley/J. Biggs, HHB, Inc., TERA Associates
(March 1, 1984 only)

Sincerely,



Howard A. Levin
Project Manager
Midland IDCVP Program

cc: Participants
R. Erhardt, CPC
D. Budzik, CPC
D. Quammy, CPC (site)
J. Agar, Babcock & Wilcox
R. Whitaker, CPC (site)
J. Taylor, NRC, I&E HQ
D. Hood, NRC, NRR
J. Karr, S&W (site)
Midland IDCVP Service List

HAL/sl



**SERVICE LIST FOR MIDLAND INDEPENDENT DESIGN
AND CONSTRUCTION VERIFICATION PROGRAM**

cc: Harold R. Denton, Director
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Mr. Paul Rau
Midland Daily News
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Midland, Michigan 48640

ATTACHMENT I

MIDLAND INDEPENDENT DESIGN AND CONSTRUCTION VERIFICATION PROGRAM

AGENDA FOR FEBRUARY 29, 1984 OCR STATUS REVIEW MEETING BECHTEL OFFICES ANN ARBOR, MICHIGAN

I. Estimated Time

Start: 9:00 AM
Lunch: 12:00 PM to 12:45 PM
Adjournment: 3:00 PM

II. Discussion of Confirmed Items, Findings, Observations, and Resolved Items

<u>Item</u>	<u>TERA Lead</u>
A. Construction	
o F-047	Tulodieski
o F-049	"
o F-050	"
o F-054	"
o F-055	"
o F-056	"
o F-091	"
o C-092	"
o C-093	"
o C-094	"
o C-095	"
o C-096	"
B. Mechanical/Systems	
o R-025*	Dougherty
o R-074*	Witt
o C-129	Witt
o C-112	Setka
o C-133	Setka
o R-081*, B-142*, B-143*	Dougherty
o C-148*, C-149*, C-150*	Setka
o B-152*	Dougherty

ATTACHMENT I
(Continued)

C. Electrical

o C-022	Bates
o R-039*	Bates
o R-040*	Bates
o C-097	Bates
o C-109	Setka
o C-110	Setka
o C-111	Setka
o C-132	Setka
o C-134	Setka
o C-135	Setka
o B-139*	Setka
o C-141*	Setka
o C-146*	Setka
o C-147*	Setka
o B-151*	Setka
o C-153*	Bates

(Note: Rev. I of this OCR is attached.
Rev. 0 inadvertently mislabeled switch
3965B as 3965A. This switch is located
on panel 2C114.

III. Discussion of programmatic issues

- TERA plans for completion of the design verification
- Construction verification status and future plans

IV. Discussion of Action Items and Logistics for Information Exchange

- Notes:
1. Items are grouped to the degree practical to facilitate discussion and minimize manpower requirements during the entire meeting.
 2. Items that changed status during the January reporting period are denoted with an asterisk.
 3. The following OCRs have not reached a final disposition; however, further TERA or Midland Project actions have been identified during past public meetings. Accordingly, discussions are not contemplated by TERA unless the Midland Project has identified new information that is pertinent to the ongoing activities.

o C-005	o C-088
o C-026	o F-031
o F-036	o C-038
o C-048	o F-043
o F-053	o F-052
o C-084	o C-087
	o C-089

MIDLAND INDEPENDENT DESIGN AND CONSTRUCTION VERIFICATION OPEN, CONFIRMED AND RESOLVED (OCR) ITEM REPORT

TYPE OF REPORT: OPEN _____ CONFIRMED X
RESOLVED _____ ITEM _____

FILE NO. 3201-006
DOC NO. 3201-008-C-153
REV. NO. 1

DATES REPORTED TO: LTR 2/10/84 SRT _____ PROJECT TEAM/PROJECT MGR. 2/13/84
PRINCIPAL-IN-CHARGE 2/14/84 CPC/DESIGN ORG. _____

STRUCTURE(S), SYSTEM(S), OR COMPONENT(S) INVOLVED:

Auxiliary Shutdown Panel (2C114)

IDCV PROGRAM AREA OR TASK (IF APPLICABLE):

AFW Control Systems (Topic 1.19-1)

DESCRIPTION OF CONCERN: Steam Generator (S/G) AFW isolation valve switches are arranged on panel 2C114 as shown below. Drawing J-909 shows demarkations which imply that Valves 3965A and 3970A isolate steam generator A while the other valves isolate steam generator B. This implication conflicts with P&ID M-439 which shows valves 3965A and 3970B isolating steam generator A and valves 3965B and 3970A isolating steam generator B. A similar apparent conflict exists on control board 1C11 in Unit No.1.

SIGNIFICANCE OF CONCERN:

The apparent conflict between the panel drawing and the P&ID could mislead the plant operator and result in operator error. It is suspected that a like problem exists on the main control board to C-11. (Drawings were not available to confirm this.)

RECOMMENDATION X OR RESOLUTION _____:

Process per PQAP.

COMMENTS BY SRT (IF REQUIRED):

SWITCH POSITION ON PANEL 2C114:

*3965A
*3970A
*3970B
*3965B

* Denotes relative switch position on the panel drawing

REFERENCES (INCL. RELATED OCR ITEM REPORT NO.):

P&ID M-439, Rev. 10, M-438, Rev. 10
Drawings J-909, Rev.10, J-727, Rev.12

SIGNATURE(S):

LDB
OCR ITEM REPORT
ORIGINATOR
2/10/84
DATE

LDB
LTR
2/10/84
DATE

HAL
PROJECT MANAGER
FOR PROJECT TEAM
2/13/84
DATE

JWB
PRINCIPAL-
IN-CHARGE
2/14/84
DATE

SRT (IF REQUIRED)

DATE

ATTACHMENT 2

MIDLAND INDEPENDENT DESIGN AND CONSTRUCTION VERIFICATION PROGRAM

AGENDA FOR MARCH 1, 1984 CIVIL/STRUCTURAL REVIEW MEETING BECHTEL OFFICES ANN ARBOR, MICHIGAN

I. Estimated Time

Start: 1:00 PM
Adjournment: 5:30 PM

II. Introduction and Opening Remarks

III. Discussion of Confirmed Items

Items will be addressed individually and fully statused prior to proceeding. Any required clarification will be provided by TERA, followed by a presentation of pertinent information by the Midland project representatives. A group discussion will follow to provide clarification on the information presented, to status and to identify any necessary action on the part of TERA or the Midland project.

Items

C-015
C-069
C-071
C-077
C-079
C-099
C-101 through C-108
C-113 through C-117
C-119 through C-122
C-125
C-130
C-131

IV. Review of Future Plans and Commitments

V. Summary