



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

OCT 25 1983

MEMORANDUM FOR: Thomas Novak, Assistant Director
for Licensing

FROM: Darrell G. Eisenhut, Director
Division of Licensing

SUBJECT: BOARD NOTIFICATION CONCERNING REPORT ON THE
REVIEW OF THE DIESEL GENERATOR BUILDING AT
MIDLAND

I have determined that the attached report on the review of the diesel generator building at Midland (Kuo to Knight dtd 10/21/83) and the Consumers Power analysis requested during the review (Erhardt to Denton dtd 10/14/83) should be transmitted to the Board and parties for Midland according to the procedures of Office Letter 19. Issue this as Board Notification 83-165.

for Frank J. Miraglia
Darrell G. Eisenhut, Director
Division of Licensing

Enclosure: As stated

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PDR FOIA
RICE84-96 PDR

Document Name:
BN - MIDLAND - RE DGB

Requestor's ID:
HELEN

Author's Name:
DHood

Document Comments:
Transmittal of Report on Re-review of the Midland DGB

Docket Nos: 50-329 OM, OL
and 50-330 OM, OL

MEMORANDUM FOR: The Atomic Safety and Licensing Board for
the Midland Plant, Units 1 & 2

FROM: Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

SUBJECT: TRANSMITTAL OF REPORT ON RE-REVIEW OF THE
MIDLAND DIESEL GENERATOR BUILDING (BN 83-)

By earlier Board Notifications 83-109, 83-142 and 83-153, the NRC has described its plan to address the concerns of Dr. Ross Landsman of Region III regarding the structural adequacy of the Midland Diesel Generator Building (DGB). The plan included the preparation of a report on the adequacy of the DGB by a team of NRC structural engineers and consultants. That report, and an accompanying coverletter by the team head, Dr. P. T. Kuo, is enclosed (Enclosure 1) for your information.

Enclosure 2 provides the applicant's results of a modified finite-element analysis of the DGB which was requested by the review team on September 12, 1983, but which was not provided to a schedule consistent with issuance of Enclosure 1. The modified analysis is discussed in Section 2.4.2 to Appendix III of Enclosure 1.

The NRC is currently reviewing Enclosures 1 and 2 to determine its impact, if any, on existing staff positions. The staff plans to prepare a response to Congress relative to the concerns expressed by Dr. Landsman before the Subcommittee on Interior and Insular Affairs on June 16, 1983. The effort is proceeding on a high priority basis. Results will be reported as they become available.

Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

Enclosures:
As Stated

cc: See next page

DL:LB #4	LA:DL:LB #4	DL:LB #4	AD:L:DL
DHood/hmc	MDuncan	EAdams	TNovak
10/ /83	10/ /83	10/ /83	10/ /83



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Docket Nos: 50-329 OM, OL
and 50-330 OM, OL

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the Midland Plant, Units 1 & 2

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Division of Licensing

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Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

Enclosures:
As Stated

cc: See next page

Docket Nos: 50-329 OM, OL
and 50-330 OM, OL

October 24, 1983

MEMORANDUM FOR: The Atomic Safety and Licensing Board for
the Midland Plant, Units 1 and 2

FROM: Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

SUBJECT: BOARD NOTIFICATION - MIDLAND STOP WORK ORDER ON
"Q" SOIL DRILLING (BN 83-155)

This Notification is provided in accordance with NRC procedures regarding Board Notifications and is deemed to provide information material and relevant to safety issues in the Midland OM/OL proceeding. As stated in the Enclosure, on September 28, 1983, the Consumers Power Company (CPCo) issued a stop work order on all "Q" soil drilling and pile driving after drilling into structural concrete. The stop work order shall remain in effect until CPCo implements action to correct this incident and to ensure no reoccurrence.

The NRC plans to follow CPCo's corrective actions and will provide follow up information to the Board when it becomes available.

/S/

Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

Enclosure:
Memorandum from R. F. Warnick to
D. G. Eisenhut dated October 5,
1983

cc: See next page

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DL:LB #4
MMiller/hmc
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DHood
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LA:DL:UB #4
MDuncan
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DL:LB #4
EAdensam
10/18/83

N005
AD:LB #4
TNovak
10/21/83

DISTRIBUTION LIST FOR BOARD NOTIFICATION

Midland Units 1&2,
Docket Nos. 50-329/330

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
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OCT 5 1983

MEMORANDUM FOR: D. G. Eisenhut, Director, Division of Licensing, NRR
FROM: R. F. Warrick, Director, Office of Special Cases
SUBJECT: RECOMMENDATION FOR NOTIFICATION OF LICENSING BOARD

In accordance with present NRC procedures regarding Board Notifications, the following information is being provided as constituting new information relevant and material to the Midland OM/OL proceedings. This information deals with the licensee's September 28, 1983, decision to stop all "Q" soil drilling and pile driving imposed as a result of unknowingly drilling into structural concrete. The pertinent facts that relate to the stop work are as follows:

1. On September 20, 1983, the licensee began drilling piezometer BB-1 which is located in the control tower area near the main auxiliary building.
2. On September 22, 1983, concrete was encountered at El. 594.3. Drilling was temporarily stopped until approval was obtained to resume based on existing borings which indicated a six inch concrete working slab at that elevation.
3. On September 23, 1983, concrete was encountered at El. 583.5. Drilling was temporarily stopped until approval was obtained to resume based on existing borings which indicated ten feet of lean backfill concrete at that elevation.
4. On September 26, 1983 steel was encountered at El. 581.3. Drilling was temporarily stopped until approval was obtained to resume based on the assumption that the steel in question was scrap.
5. On September 27, 1983 the steel was cored through, retrieved and found to be one #6 reinforcing bar and one #11 reinforcing bar. Cognizant individuals thought that there was a good possibility that this rebar had been used to reinforce the concrete backfill because of a crane mat used during earlier construction at that approximate location.
6. On September 27, 1983, more steel was encountered at El. 580.1. Drilling was stopped and this time a more thorough review of drawings was made. It became obvious that they had not drilled into fill concrete with added rebar, but into a structural strongback attached to the south side of the auxiliary building H-Line wall.

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D. G. Eisenhut

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OCT 5 1983

7. On September 28, 1983, the licensee issued Stop Work Order No. FSW-32 which stopped all "Q" soil drilling and pile driving.
8. On September 29, 1983 the NRC was informed of this stop work. At this time all work remains stopped pending adequate corrective action to preclude drilling into structural concrete. This action includes revising the procedure to include a review of structural drawings and not just buried utility drawings. Also retraining to the new procedure will be accomplished. All completed excavation permits will be reviewed to determine whether structural concrete has been hit in the past and dis-counted as lean concrete.

If you have any questions or desire further information regarding this matter, please call me.

RF Warnick

R. F. Warnick, Director
Office of Special Cases

cc: A. B. Davis
J. J. Harrison
R. N. Gardner
R. B. Lanisman
R. J. Cook



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

17/83

October 4, 1983

Docket Nos. 50-329/330 OM, OL

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

Dear Mr. Cook:

SUBJECT: Followup Meeting on Construction Completion Dates

My letter of August 9, 1983, noted that since the April 19-21, 1983, NRC staff visit to assess construction completion schedules for Midland, Consumers Power Company had requested a followup meeting to review the material previously provided, to provide additional information, and to discuss reconsideration of scheduling priorities between Units 1 and 2 in light of recent actions by Dow Chemical Company. The letter also noted that at Consumers' request, the staff would be scheduling this meeting in September 1983.

On September 2, 1983, Messrs. B. Hershe, N. Leech and others from your Company advised us that the week of October 24, 1983, would be the earliest time that Consumers would be prepared to discuss scheduling priorities between Units 1 and 2, and that some months beyond this may be needed to establish a scheduling projection basis.

The staff views this as a significant delay in our efforts to consider your views regarding the schedule for plant completion at Midland. Unless your dates for establishing a firm schedule for plant completion are substantially improved, the staff will consider the estimate it developed based upon the April 19-21, 1983 visit to be appropriate for its planning purposes. Please advise me of your intent in this regard within two weeks of receipt of this letter.

Sincerely,

Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

cc: See next page

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MIDLAND

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