



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

February 10, 1983

MEMORANDUM FOR: W. D. Shafer, Chief, Office of Special Cases, Section 2
FROM: R. J. Cook, Senior Resident Inspector, Midland Site
SUBJECT: MONTHLY STATUS REPORT

Attached is the status report for the Midland Nuclear Construction Site covering the period of January 1, 1983, through January 31, 1983.

The status report contains the input from each member of the Midland Inspection Site Team of the Office of Special Cases.

A handwritten signature in cursive script that reads "R. J. Cook".

R. J. Cook
Senior Resident Inspector
Midland Site Resident Office

cc/attachments
R. F. Warnick
R. B. Landsman
R. N. Gardner
B. L. Burgess

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PDR FOIA
RICE84-96 PDR

FEB 14 1983

SUMMARY OF SIGNIFICANT MIDLAND ISSUES

1. Heating, Ventilation and Air Conditioning (HVAC)

Members of Consumers Power Company, Bechtel Power Company, and Zack Company conducted a meeting on January 27, 1983, to finalize comments to resolve the issue of requalification of Zack Company welders and to justify prior welding. Final comments concerning the requalification of welders will be implemented into welding procedures. Requalification of welders is expected after final approval and qualification of welding procedures and the completion of welder retraining.

The NRC RIII has established a hold point prior to restart of welding to review welder requalification procedures and to observe procedure and welder requalification.

2. Electrical

Installed cable reinspection continued with no additional improperly substituted cables found. Currently six substituted cables of approximately 6,000 cables inspected have been identified. Approximately 2,600 cables remain to be reinspected. All cables were installed in Class 1E electrical systems.

The licensee is evaluating the safety significance through the use of a nonconformance report.

3. Remedial Soils Work Authorization

Work continued on underpinning piers 12 East and 12 West. The excavation for the piers is down to the bell area (the base area of both piers), and reinforcing bars are being placed in pier 12 West in preparation to pour pier concrete.

The NRC authorized four point jacking of the feedwater isolation valve pits (FIVPs) in preparation for starting excavation of pier 9. In addition, probing for electrical duct banks around the borated water storage tanks' (BWSTs) foundations was authorized and is a prerequisite for foundation rework.

4. Consumers Power Company Construction Completion Program

On January 10, 1983, Consumers Power Company submitted a letter to the NRC detailing the Construction Completion Plan (CCP) which was initially presented on December 2, 1982. After NRC review of the letter, an onsite meeting was held on January 20, 1983, between NRC inspectors and site management to clarify and answer questions.

A meeting will be held on February 8, 1983, at 9:00 AM for Consumers Power Company to present the CCP to the NRC in more detail. After the formal meeting between Consumers Power Company and the NRC, the public will have the opportunity to ask questions of the NRC.

5. Enforcement Conference

An enforcement conference was held on January 18, 1983, in the NRC Region III office to discuss the results of the diesel generator building inspection. As a result of the discussion, further inspection was performed January 19-21, 1983, to obtain additional information regarding IPINs and closeout inspections.

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JAN 11 1983

MEMORANDUM FOR: James G. Keppler, Regional Administrator
FROM: R. F. Warnick, Acting Director, Office of Special Cases
SUBJECT: MIDLAND MONTHLY STATUS REPORT

Enclosed is the monthly status report for the Midland Project.
The report is for the period of December 1, 1982 through December 31,
1982.

RFWarnick

R. F. Warnick, Acting Director
Office of Special Cases

Enclosure: As stated

cc w/encl:
D. G. Eisenhut, NRR
J. H. Sniezek, IE

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U. S. NUCLEAR REGULATORY COMMISSION

REGION III

MIDLAND MONTHLY STATUS REPORT

DECEMBER 1 - DECEMBER 31, 1982

SUMMARY OF SIGNIFICANT MIDLAND ISSUES

1. Heating, Ventilation and Air Conditioning (HVAC)

The licensee, as a result of audits of HVAC work activities, determined that welder certifications and welding procedure qualifications were inadequate. All safety-related welding on HVAC was stopped by the licensee on November 30, 1982, and 151 craft workers were laid off. PNO-III-82-130 was issued.

During this reporting period the licensee has begun developing a new set of welding procedures.

2. Electrical

The licensee continued electrical cable reinspections. Two (2) additional improperly substituted cables have been identified. A total of six (6) substituted cables, of approximately 4000 cables reinspected, have been identified. Approximately 5000 cables remain to be reinspected.

3. Remedial Soils Work Authorization

On December 9, 1982, the NRC authorized the licensee to commence construction work on piers 12 East and 12 West under the Turbine Building. On December 13, 1982, Consumers Power Company began work on the piers. During excavation for pier 12 the licensee ran into concrete fill. The chipping and removal of the concrete has caused the work to proceed slower than the licensee had previously expected.

4. Consumers Power Company Construction Completion Program

On December 2, 1982, Consumers Power Company presented to the Region III staff a plan to establish confidence in the adequacy of safety-related work at the Midland Site. The licensee's initial Construction Completion Program (CCP) required a substantial reduction in most of the safety-related work activities and a subsequent reduction in the workforce involving approximately 1100 people. Implementation of the CCP required removal of construction equipment from the work spaces and building cleanup in preparation for a complete QC inspection of every safety-related system in every area. PNO-III-82-131 was issued.

Region III has prepared a draft report of the October-November team inspection. Escalated enforcement action is being considered. An enforcement conference with the licensee is scheduled for January 18, 1983 in RIII.

A meeting was held on Decemoer 7, 1982 with IE, NRR, and ELD to discuss the findings of the RIII October-November team inspection and the licensee's proposed construction completion program. A meeting with the licensee to discuss the CCP is scheduled for February 3, 1983 in Midland. It will be open to public attendance.

MIDLAND MONTHLY STATUS REPORT

Midland Site Inspection Team efforts at the Midland Construction Site during the month of November were concentrated on the completion of the Diesel Generator Building inspection. The inspection was completed on November 25 and the inspection report is currently being written. Significant inspection findings are being evaluated by the Region III staff.

Remedial soils work continues based on a work agreement between the NRC and Consumers Power Company. Auxiliary building underpinning remains halted pending resolution of the independent third party assessment effort.

The licensee continued the reinspection of 100% of Class 1E cables installed or partially installed. No further underrated or undersized cables have been found as of the end of the status report period.

A 100% reinspection of all hangers installed in CY 1980 and a sample reinspection of hangers installed after January 1, 1982 is continuing by the licensee.

All safety related welding on the heating, ventilating and air conditioning (HVAC) was stopped November 30, 1982 after the licensee determined that the Quality Assurance Program for welder certification and procedure qualification was inadequate. Zack Company, the HVAC contractor, discontinued all welding on safety related HVAC systems, laying off 151 craft workers.

Plant
and 2
pendent Assessment
Auxiliary Building Underpinning

Meetings Attended

<u>Date</u>	<u>Represented</u>	<u>Purpose</u>
10/22	Stone & Webster Bechtel	Resolution of Observations and Questions on Con- struction Specifications and Procedures

Observations

The Assessment Team has completed the review of the reports and construction documents applicable to the initial phase of the underpinning work. Most questions have been resolved by discussion with site personnel.

The team will, commencing October 25, scale down it's presence on the site until actual start of construction.

Nonconformance Identification Reports

NIR No. 1 - Issued 10/21/82 - The Mergentime Procedure for splicing reinforcing bars did not address a specification requirement.

W. David Killian
Project Engineer

W. K. R. S. Puckett
Project Manager