

August 10, 1982

Note to: Elinor G. Adensam

From: William D. Paton

Subject: Quality Assurance Issues to be Addressed at an Evidentiary Session
in the Midland Proceeding

Attached to this note is the July 7, 1982 Memorandum and Order (hereafter "July Order") by the Midland licensing board in which they comment on issues they wish to have addressed at the forthcoming evidentiary session on quality assurance and quality control matters. Those issues are:

1. As discussed on page 3 of the July Order, Staff testimony should discuss "in detail" the basis for the Staff's position set forth in our June 29, 1982 letter in which we expressed our conclusion that it was necessary to supplement the testimony previously submitted with respect to quality assurance. The Board suggests that not only Mr. Keppler be available but also any QC inspectors who might have more detailed knowledge of significant matters dealt with by Mr. Keppler to the extent that their presence might assist in creating an adequate record. We will have to consult with Mr. Keppler to determine precisely what he had in mind when he concluded that it was necessary to supplement his previous testimony, but it appears at this point that one of the major factors was the apparent discrepancies in the facts set forth in our recent SALP report and Consumers' response to that report.
2. Qualifications of QC inspectors. (July Order, p.4)
3. Questions asked by the Board concerning the adequacy of the QA program for underpinning activities. (July Order p.4) ←
4. "Certain matters" discussed in the Licensing Board's April 30, 1982 Memorandum and Order (hereafter April Order). (I also attached a copy of the April Order).
 - A. The coverage of the QA program for soils related activities.

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- B. The matter referred to by the Licensing Board beginning at page 16 of its April Order concerning a 42 inch diameter hole that was drilled to a depth of 40 feet within the "Q" fill area apparently without proper authority without the development of or adherence to written procedures without the participation of the onsite geotechnical engineer and without adequate QA/QC surveillance.
- Hood C. The matter referred to at page 17 of the Board's April Order concerning loose sands.
- D. Staff inspection reports 82-05 (Detp) and 82-06 (Detp).
MOI-4-2-008; MOI-9-2-033
- E. NCR #MOI-9-2-051 (April 21, 1982), Bechtel Non-Conformance Reports Nos. 4199 (including Stop Work Order FSW-22) and 4245.
- F. The suggestion in the interim ACRS report of June 8, 1982 that there be a broader assessment of Midland's design adequacy and construction quality.
- G. The results of the Staff evaluation of Drawing 7220-C-45 (See Memorandum and Order of May 7, 1982).

The above subjects were addressed by the Licensing Board in its April 30, and July 7, 1982 Orders. There are other QA matters that will have to be addressed at the evidentiary hearing. One is fairly extensive testimony concerning the impact of the subject matter of the "management meeting" that is to take place with CPC sometime within the next 3 weeks. If Mr. Keppler believes that the outcome of that meeting remedies CPC's QA problems, he will have to explain that to the Board.

We may also have to address the subject of recent affidavits provided NRC by GAP and other documents provided Region III concerning ZACK (provided by T.Howard).

Region III confirmed yesterday that they expect to be able to prepare their QA testimony by October 31, 1982.


William D. Paton
Midland Counsel

Enclosures:
July Order
April Order

cc w/enclosures:
Robert F. Warnick (Reg. III)
Ross B. Landsman (Reg. III)
Darl Hood

To GWEwert, MPQAD, Midl.
From DFRonk, P-14-217 *DundCont*
Date January 20, 1983
Subject MIDLAND ENERGY CENTER PROJECT -
MPQAD TRAINING SCHEDULE
FILE 0650 SERIAL 19327

CONSUMERS POWER CO.

RECEIVED

JAN 21 1983

CONSUMERS
POWER
COMPANY

Site Mgr.
Midland Project

Internal
Correspondence

Reference

CC RAWells, MPQAD, Midland
DBMiller, Midland
ARMollenkopf, P-14-209A
ROberle, MPQAD, Midland
DJShooks, P-14-222
WGTabb, MPQAD, Midland
NVanDonsellar, MPQAD, Midland

copy

In our discussion of January 18, 1983, we acknowledged the need to develop a schedule or status tracking method for the process of revising PQCI's. Our discussion with Jack Norris indicated that his staff of five or six people were able to revise PQCI's at the rate of one PQCI per staff member per week. With approximately 50 PQCI's to be revised, it's not clear to me how an April 1, 1983 completion of Training & Certification can be maintained unless the revision rate increases. Furthermore, to optimize the completion of certification, the order in which Jack's group selects PQCI's to revise must be based on criteria compatible with the criteria established to optimize the training schedule. Otherwise the training scheduling effort will not be an optimization effort but merely a reactionary monitoring effort.

Norm VanDonsellar and Willie Tabb have prepared a long term (three month) plan to perform training classes in a manner that supports the priorities and assumptions as we currently understand them. At this point it is appropriate for the MPQAD organization to review that plan. If the priorities and assumptions have been properly interpreted, it is important that MPQAD formally endorse the plan and get the word back to Jack Norris' group to establish their priorities and staffing levels in a manner consistent with the training plan.

Once agreement is reached at that level, we can begin working with Jack to establish a tracking method or schedule for his work.

I have asked Norm to lobby for completing the review discussed above on Tuesday, January 25 so that the formal endorsement can be relayed to the troops by Wednesday.

I will be at the site on Friday, January 21 and Tuesday, January 25 if you wish to discuss the matter further. Additionally I can be reached on Monday in Jackson at 81699.

To Distribution List

FROM JWCook, P-26-336 *JWC*

DATE December 9, 1982

SUBJECT REGULATORY INTERFACE -
CONSTRUCTION COMPLETION PROGRAM

**Consumers
Power
Company**

INTERNAL
CORRESPONDENCE

CC

The Midland Project has made a major commitment in undertaking the Construction Completion Plan. One of the objectives of this plan is to improve our regulatory performance and respond to a number of ongoing NRC concerns. As such, our plan has incorporated several prior commitments to the NRC and certain other aspects of the plan imply potential new commitments. A great deal of short-term planning will be required to fully implement this plan. Those of us involved in carrying out this planning will endeavor to document and communicate our decisions as fully as possible.

Because of the broad nature of the plan and the number of key personnel involved in the plan, there is an immediate and obvious need to properly coordinate our presentation of various aspects of this plan to the NRC. It is imperative that we ensure that all information given to the NRC is correct information and that no erroneous commitments are made. Therefore, until such time as the construction completion program has been planned to the level of detail that will avoid misunderstandings or miscommunications, any project team member, Consumers Power or Bechtel, who needs to communicate some aspect of this plan to the NRC, is required to review that presentation with me prior to his discussion with the NRC. This is necessary in order to assure that our communications to the NRC represent the correct project information and policy regarding this new program.

Also, since the evolution of the program planning will be rapid and complex, communication to the NRC regarding the plan will initially be required to include either myself, Roy Wells, Don Miller or John Rutgers. We will, of course, utilize whatever project personnel are required to make the specific presentation, but to ensure proper project coordination, I am requesting the direct participation of one of the senior project management team. Inquiries from the NRC to any other project members about the plan should be referred to one of the above with the comment that we request that initial discussion of the plan be limited to these individuals in order to minimize the communication difficulties that can arise during a change of this magnitude and complexity.

January 4, 1983

NOTICE OF SIGNIFICANT LICENSEE MEETING

Name of Licensee: Consumers Power Company

Name of Facility: Midland Nuclear Power Plant, Units 1 and 2

Docket Nos.: 50-329; 50-330

Date and Time of Meeting: January 18, 1983 at 10:00 a.m.

Location of Meeting: U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Purpose of Meeting: Enforcement Conference to discuss the results of
the special team inspection of the Diesel Generator
Building

Region III Attendees:

James G. Keppler, Regional Administrator

Others as designated by Region III

NRR Attendees:

D. Hood, Licensing Project Manager

Others as designated by NRR

IE Headquarters Attendees:

J. H. Sniezak, Deputy Director, Office of
Inspection and Enforcement

Others as designated by IE Headquarters

Licensee Attendees:

J. W. Cook, Vice President, Midland Project

Others as designated by the licensee

Distribution:

J. M. Taylor, Director, Division of Quality Assurance,
Safeguards, and Inspection Programs

E. L. Jordan, Director, Division of Emergency
Preparedness and Engineering Response

J. Axelrad, Acting Director, Enforcement Staff

J. P. Murray, Jr., Director, Rulemaking and Enforcement
Division, ELD

D. Hood, LPM, NRR

E. L. Adensam, Chief, LB4, NRR

R. L. Tedesco, Assistant Director for Licensing, NRR

W. D. Paton, ELD

J. W. Gilray, QAB, NRR

R. C. DeYoung, Director, Office of Inspection
and Enforcement

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

January 11, 1983

NOTICE OF SIGNIFICANT LICENSEE MEETING

Name of Licensee: Consumers Power Company

Name of Facility: Midland Nuclear Power Plant, Units 1 and 2

Docket No.: 50-329; 50-330

Date and Time of Meeting: February 8, 1983 at 1:00 p.m.

Location of Meeting: Quality Inn
Meeting Room E
1815 South Saginaw Rd.
Midland, MI

Purpose of Meeting: To discuss the licensee's integrated Construction
Completion Program and third party assessment effort

Region III Attendees:

James G. Keppler, Regional Administrator

Others as designated by Region III

OIE Headquarters Attendees:

James H. Sniezek, Deputy Director, Office
of Inspection and Enforcement

Others as designated by OIE

NRR Attendees:

D. Eisenhut, Director, Division of
Licensing

Others as designated by OIE

Licensee Attendees:

J. W. Cook, Vice President, Midland Project

Others as designated by the licensee

NOTE: Attendance by NRC personnel at this Region III/licensee meeting
should be made known by 9:00 a.m. before January 24, 1983, via
telephone call to W. D. Shafer, Region III, FTS 384-2656.

Time will be scheduled to answer questions from members of the
public at the conclusion of the NRC/licensee meeting.

Distribution:

See attached list

~~8312140037~~

January 11, 1983

Distribution:

- J. M. Taylor, Director, Division of Quality Assurance, Safeguards,
and Inspection Programs
- E. L. Jordan, Director, Division of Emergency Preparedness and Engineering
Response
- ✓ J. Axelrad, Director, Enforcement Staff
- J. P. Murray, Jr., Director, Rulemaking and Enforcement Division, ELD
- R. Hernan, LPM, NRR
- E. L. Adensam, Chief, LB4, NRR
- T. Novak, Assistant Director for Licensing, Division of Licensing
- R. A. Purple, Deputy Director, Division of Licensing, NRR



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

March 9, 1983

NOTICE OF SIGNIFICANT LICENSEE MEETING

Name of Licensee: Consumers Power Company

Name of Facility: Midland Nuclear Power Plant, Units 1 and 2

Docket No.: 50-329; 50-330

Date and Time of Meeting: March 15, 1983 at 1:00 p.m.

Location of Meeting: U. S. N. R. C., Region III Office
799 Roosevelt Road
Glen Ellyn, IL 60137

Purpose of Meeting: To present the INPO findings to the NRC staff

Region III Attendees:

James G. Keppler, Regional Administrator

Others as designated by Region III

Licensee Attendees:

James W. Cook, Vice President, Midland Project

Others as designated by the licensee

NOTE: Attendance by NRC personnel at this Region III/licensee meeting should be made known by 9:00 a.m., March 14, 1983, via telephone call to W. Shafer, Region III, (FTS) 384-2656.

Distribution:

J. M. Taylor, Director, Division of Quality Assurance, Safeguards,
and Inspection Programs

E. L. Jordan, Director, Division of Emergency Preparedness and Engineering
Response

L. Axelrad, Director, Enforcement Staff

J. Lieberman, Director, Regional Operations

R. Hernan, LPM, NRR

E. L. Adensam, Chief, LB4, NRR

T. Novak, Assistant Director for Licensing, Division of Licensing

R. A. Purple, Deputy Director, Division of Licensing, NRR

D. Hood, Midland Project Manager, NRR

R. C. DeYoung, Director, Office of Inspection and Enforcement

J. H. Sniezek, Deputy Director, Office of Inspection and Enforcement

W. D. Paton, ELD

J. W. Gilray, IE

J. Stone, Chief, Construction Program/Construction Appraisal Team Section

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② file - up to date
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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	
)	
CONSUMERS POWER COMPANY)	Docket Nos. 50-329 OM & OL
)	50-330 OM & OL
(Midland Plant, Units 1 and 2))	

TESTIMONY OF JAMES G. KEPPLER
WITH RESPECT TO QUALITY ASSURANCE

Q.1 Please state your name and position.

A.1 My name is James G. Keppler. I am the Regional Administrator of the NRC's Region III office. My professional qualifications have been previously submitted in this proceeding.

Q.2 Please state the purpose of your testimony.

A.2 In my testimony to the Board in July, 1981, I testified on the more significant quality assurance problems that had been experienced in connection with the Midland project and the corrective actions taken by Consumers Power Company and its contractors. I stated that, while many significant quality assurance deficiencies have been identified, it was our conclusion that the problems experienced were not indicative of a breakdown in the implementation of the overall quality assurance program. I also noted that while deficiencies have occurred which should have been identified earlier, the licensee's QA program had been effective in the ultimate identification and subsequent correction of these deficiencies. Furthermore, I discuss

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the results of Region III's special quality assurance inspection of May 18-22, 1981, which reflected favorably on the effectiveness of the Midland Project Quality Assurance Department --- implemented in August 1980. The thrust of my testimony was that I had confidence that the licensee's overall QA program for the remedial soils work and the remainder of construction would be implemented effectively.

It wasn't until April 1982 that I was made aware of additional problems with the effectiveness of implementation of the QA program. The problems came to my attention as a result of the April 1982 meeting between NRC and Consumers Power Company to discuss the Systematic Assessment of Licensee Performance (SALP) report for Midland and the discussions held within the Staff in preparation for that meeting. The SALP report addressed the Midland site activities for the period July 1, 1980 through June 30, 1981. During this period, the soils work activities were rated Category III, the lowest acceptable rating given by the SALP review process.

During the April, 1982 public meeting on the SALP findings, Mr. Ronald J. Cook, Midland Senior Resident Inspector, stated that as of that date he would rate Consumers Power Company soils work Category III, the same rating as it received for the SALP period. He had similar comments on other work activities. Based on my July, 1981 testimony, I expected Consumers Power Company would be rated a Category I or II in the soils area, as well as other areas, by April, 1982, and I was certain that my 1981 testimony had left that impression with the Board.

On the basis of the above, I decided it was appropriate to supplement my July, 1981 testimony.

Q.3 What actions have been taken by Region III in response to the information contained in your previous answer?

A.3 I met with the NRC supervisors and inspectors who had been closely involved with Midland during the past year to get a better understanding of their concerns. As a result of these meetings, I concluded that the problems being experienced were ones of program implementation rather than problems with the QA program itself.

Because of my concerns, I requested the Region III Division Directors most actively involved with the Midland inspection effort to try to identify the fundamental problems and their causes, and to provide me with their recommendations to resolve these problems. They provided me with an assessment of technical and communications problems experienced by the licensee and made recommendations with respect to the licensee's workload, institution of independent verification programs, and QA organization realignments. This response is included as Attachment A. (Memorandum from Norelius and Spessard to Keppler, dated June 21, 1982.)

In July 1982 I recognized that more NRC resources were going to have to be provided in overseeing activities at Midland and created the Office of

Special Cases (OSC) to manage NRC field activities at Midland (and Zimmer). Mr. Robert Warnick was assigned Acting Director. A Midland Section was formed comprised of a Section Chief, two regional based inspectors, and two resident inspectors (the second resident inspector reported onsite in August 1982).

Before meeting with representatives of the Office of Nuclear Reactor Regulation (NRR) to discuss options for NRC action in connection with Midland, Mr. Warnick requested Senior Resident Inspector Cook to provide a summary of the indicators of questionable licensee performance. Mr. Cook provided a memorandum documenting a number of problems and concerns, which is included as Attachment B. (Memorandum R. J. Cook to R. F. Warnick, dated July 23, 1982.)

Mr. Warnick and I met with representatives of NRR on July 26, 1982 to discuss Consumers Power Company's performance. This meeting resulted in recommended actions concerning third party reviews of past work and ongoing work which are described in Attachment C. (Memorandum, Warnick to Files, dated August 18, 1982.)

Following the meeting with NRR, Mr. Warnick discussed with members of the Midland Section positions concerning third party reviews developed at the meeting with NRR. The members of the Midland Section were not convinced the recommended actions were the best solution, since the causes of the problems had not been clearly identified. Instead, they proposed a somewhat different approach consisting of an augmented NRC inspection effort coupled

with other actions to strengthen the licensee's QA/QC organization and management. This proposal is documented in Attachment D. (Memorandum, Warnick to Keppler, dated August 18, 1982.)

In response to these suggestions, Mr. Darrell Eisenhut, Director - Division of Licensing, NRR, and I met with top corporate management representatives from Consumers Power Company on August 26, 1982 and again on September 2, 1982, to discuss NRC's concerns and possible recommended solutions. Because it was not clear to the NRC staff why Consumers Power was having difficulty implementing their QA program, we requested them to develop and submit to the NRC actions which would be implemented to improve the QA program implementation and, at the same time, provide confidence that the program was being implemented properly.

Consumers Power subsequently presented its proposal for resolution of the identified problems in two letters dated September 17, 1982, which are included as Attachments E and F. (Letters Cook to Keppler and Denton, dated September 17, 1982.)

These proposals were lacking in detail, particularly with respect to the plant independent review programs. Following a meeting between NRC staff members and Consumers Power Company in Midland on September 29, 1982, Consumers Power submitted a detailed plan to NRC on October 5, 1982 concerning the planned third party activities (Attachment G). Consumers Power Company's proposals (Attachments E, F and G) are currently under review by NRC.

Q.4 Do you believe that construction of the Midland Plant should be permitted to continue?

A.4 Yes. This portion of my testimony discusses what has been accomplished and what will be accomplished in the near future to provide a basis for continued construction of the Midland plant.

Consumers Power Company will have independent third party assessments of the Midland construction project. These assessments will include reviews of safety related work in progress and of completed work activities. Stone and Webster has been selected by Consumers Power Company to perform the assessment of the remedial soils work. The scope of, and contractors for, the remaining assessments are presently under review by the NRC staff.

Along with the independent third party reviews, the Office of Special Cases, Midland Section, has expanded its inspection effort and has taken actions to assure compliance with the Licensing Board's April 30, 1982 requirement that the remedial soils work activities receive prior staff approval. Specifically, the Midland Section has established a procedure for staff authorization of work activities proposed by Consumers Power Company (Attachment H, Work Authorization Procedure, dated August 12, 1982); and has caused a stop of the remedial soils work on two occasions: August, 1982 and September, 1982 (Attachments I and J, Confirmatory Action Letters dated August 12, 1982, and September 24, 1982, respectively). The Section has also started an inspection of the work activities which have been accomplished by Consumers Power Company in the last twelve months in

the diesel generator building, the service water building, and other safety related areas. This inspection was started during October 1982 and is continuing as of the filing date of this testimony.

Based upon (1) the third party assessments of the plant which will be performed, (2) the increased NRC inspection effort, and (3) the work authorization controls by the NRC, I believe that work on the Midland Plant may continue. As demonstrated by the previous stop-work effected in the remedial soils area, the staff will take whatever action is necessary to assure that construction is in accordance with applicable requirements and standards.

CIVIL PENALTY ACTION

EA No. 83-3

CP No. _____

EN No. _____

Licensee: CONSUMERS POWER COMPANY

1945 WEST PARNALL ROAD

JACKSON, MI 49201

Facility: MIDLAND

Docket No. 50-329, 50-330

License No. _____

Proposed Penalty: \$ _____

Date: _____

Imposed Penalty: \$ _____

Date: _____

Payment: \$ _____

Date: _____

Close Out: _____

Date: _____

Remarks:

Rec'd HQ 1/7/83 fm Reg. III

Assigned to: ES _____ ELD _____

Type License:

Reactor (const.)

Reactor (oper.)

Materials

Fuel Facility

Other: _____

Type Case:

Exposure

False Statement

Operator

Physical Security

Quality Assurance

Radiation Safety

Reactor Safety

Transportation

Other: _____

Summary:



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

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JAN 1 1 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

~~8312140056~~

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 December 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.



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

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MAR 14 1983

MEMORANDUM FOR: James G. Keppler, Regional Administrator
FROM: R. F. Warnick, Director, Office of Special Cases
SUBJECT: MONTHLY STATUS REPORT FOR FEBRUARY, 1983

Attached is the status report for the Midland Project for the period of February 1-28, 1983.

Should you have any questions regarding this information please contact W. D. Shafer of my staff.

RFWarnick

R. F. Warnick, Director
Office of Special Cases

Attachment: At stated

cc w/attachment:
D. G. Eisenhut, NRR
J. H. Sniezek, IE
A. B. Davis, RIII

~~8312140115~~



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

March 3, 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 February 1, 1983, through February 28, 1983.

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

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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SUMMARY OF SIGNIFICANT MIDLAND ISSUES

1. Heating, Ventilation and Air Conditioning (HVAC)

Qualification of welding procedures commenced on February 14, 1983, and to date, approximately 115 coupons for sheet metal welding have been completed. Two welding procedures have been sent to MPQAD for final review prior to qualification. In addition, the Zack Company and Bechtel Power Company held a meeting on February 22, 1983, to establish commitments for procedures review and approval prior to restart of work activities.

The NRC review of the Zack welding requalification program, addressed in the Construction Completion Program (CCP), is expected to take place by March 18, 1983.

2. Electrical

Installed cable reinspection continued with one additional improperly substituted cable found. Currently, seven substituted cables of approximately 7,300 cables inspected have been identified. Approximately 1,800 cables remain to be reinspected.

Evaluation of the safety significance continues through the use of a nonconformance report.

3. Remedial Soils Work Authorization

Concrete pours for Pier 12 East and West were completed during this report period, and load transfer to the piers is expected during the second week of March.

Four point jacking of Units 1 and 2 Feed Isolation Valve Pits (FIVPs) was completed on February 12th and 19th respectively. After jacking of each FIVP, new cracks were found and one crack under the top slab of the Unit 1 FIVP reached the alert level of 10 mils.

The NRC has requested the licensee to perform an engineering evaluation to determine the cause of FIVP top slab cracking prior to excavation underneath the FIVPs.

Authorization for Pier 11 East and West was provided to the licensee by the NRC on February 22, 1983, and Pier 9 East and West was authorized on February 24, 1983.

4. Construction Completion Program Public Meeting

A public meeting was held on February 8, 1983, between the NRC and Consumers Power Company to discuss the licensee's proposed Construction Completion Plan and to allow public comment on the program.



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

Stone

FEB 14 1983

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

Enclosed is the status report for the Midland project for the period of January 1, 1983 through January 31, 1983.

Should you have any questions regarding this report please contact W. D. Shafer 932-2656.

R F Warnick

R. F. Warnick, Director
Office of Special Cases

Enclosure: As stated

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

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