



STONE & WEBSTER MICHIGAN, INC.

P.O. Box 1963, MIDLAND, MI 48641-1963

Mr. J. G. Keppler, Administrator, Region III
Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

April 26, 1984

J.O. No. 14509
SWM-098

Docket No. 50-329/330
CIO Weekly Report No. 45
Construction Implementation Overview
Midland Nuclear Power Plant

The Construction Implementation Overview (CIO) Weekly Report Number 45, for the period April 16, 1984 through April 20, 1984, is enclosed.

This report includes a summary of CIO activities for the week and open Items, NIRs, and Hold Points.

J. E. Karr
CIO Program Manager

Enclosures

DHA:NL

CC:
DLQuamme, CPCo Midland (site)
NIReichel, CPCo Midland (site)
RAWells, CPCo Midland (site)
JJHarrison, US NRC Glen Ellyn, IL
RJCook, US NRC Midland (site)
Public Document Room

Stone & Webster Michigan, Inc.
CONSTRUCTION IMPLEMENTATION OVERVIEW

- CIO -

WEEKLY REPORT

NUMBER 45

PERIOD - April 16, 1984 through April 20, 1984

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I. OVERVIEW

Status Assessment (S/A), Quality Verification Program (QVP), Hanger Reinspection Program (HRP) and the Turbine Roll activities continued during this reporting period. Exhibit 1 indicates the Construction Completion Program (CCP) Phase I activities by discipline and module for S/A, QVP and HRP for this reporting period.

The ongoing assessment of Phase I CCP activities and the preparations for Turbine Roll and Auxiliary Flush continue to be the CIO principal effort.

Section II summarizes the CIO activities during this reporting period. Section III provides the details of these activities.

II. ACTIVITY SUMMARY

- A. CCP Activity Monitoring
- B. Document Control Assessment
- C. Diesel Generator Program Follow-Up
- D. NRC Commitment List Follow-up
- E. Zack Program Evaluation
- F. CPCo 10CFR50 Appendix B Program Evaluation
- G. CIO Action to Close Out NIRs and Items as Responses are Received
- H. Site Meetings Summary

III. ACTIVITY DETAILS (Paragraphs Correspond to Items in Section II)

- A. CIO overviewed the CCP activity underway in each active module during this reporting period. This overview was conducted in accordance with our previously reported practice of reviewing planning efforts and working documents, witnessing work in progress, attending team and

subcontractor scheduling meetings and monitoring activities for adherence to procedures.

S/A of hangers in modules associated with the Auxiliary Flush was initiated during this reporting period.

CCP activities continued to be accomplished satisfactorily and within the requirements of procedures.

The Executive Management Review Committee met with representatives of CPCo, BPCo, MPQAD, and CIO. The meeting examined the readiness of the Project to advance from Phase I to Phase II of the CCP for the Turbine Roll activities. Nine action items, which are to be resolved by the next reporting period, resulted from this meeting.

- B. A presentation was made to CIO, MPQAD and CPCo by BPCo on the plan for corrective action for document control concerns. Four short-term actions, six long-term actions, and a schedule to implement the corrective action plan were presented and discussed.
- C. The removal of piping and instrumentation on Diesel Generators 2PEA and 2PEB has been started. This is being done to return the various component and diesel generator skids to their 'as received' condition as the first step in resolving CPCo NCR A-00132. Piping will be reinstalled at a later date under the BPCo ASME Program.
- D. The next milestone on the NRC Commitment List is to have all of the identified open items in the Correspondence and Commitment Management System (CCMS) by July 1, 1984. CIO will monitor this activity.
- E. CIO is evaluating Zack training records. The effort is half completed.

No nonconformances have been identified to date. Work on the installation of duct work in the Control Room continues to be monitored by CIO.

F. CIO met with CPCo on the scope, schedule and interface involvement requirements pertaining to CIO's scheduled assessment of CPCo's program adherence to and implementation of the requirements of 10CFR50 Appendix B.

G. The activities related to CIO Items, Hold Points, and NIRs are summarized in Attachments A, B, and C respectively.

H. The summary of meetings attended by CIO is in Attachment D.

IV. GENERAL

A. CIO staffing remained at 34 during this reporting period.

B. The bimonthly status meeting with NRC Site Resident Inspectors was held on April 18, 1984.

V. ATTACHMENTS


A. CIO Item Summary

B. CIO Hold Point Summary

C. CIO NIR Summary

D. Meeting Summary

STONE & WEBSTER MICHIGAN, INC.
CONSTRUCTION IMPLEMENTATION OVERVIEW
MIDLAND NUCLEAR COGENERATION PLANT

- NOTES: 1.  identifies changes from previous report
2. Closed items will be identified in the report for the week of closure and dropped from further reporting

CIO ITEM SUMMARY

| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|----------------|--|---------------------------------|--|----------------------------------|---|
| 030 | Tracked Action | Need to review Vendor Equipment Verification Program - MPQAD/SMO | Report No. 5 7/18/83 | CPCo Transmittal CSC-7573 dated 4/2/84 | Item Notification Report 4/16/84 | Response consists of the synopsis of the Vendor Workmanship Verification Program. |
| 037 | Tracked Action | CIO observed that two boards with protruding nails lying in Cable Tray 1AKA019 (Q Tray) had punctured the cable jacket of a "Q" cable. The cable is Q-Channel A. 480V, MCC. NCR 000925 was issued by MPQAD on November 22, 1983. CIO will track this item to assure that corrective action (repair) has been performed to approved procedures. | Report No. 24 11/29/83 | | | Partial response (CSC 7244 dated 1/27/84) accepted via CIO letter SWMCP-024 dated 2/3/84. Closure pending cable repair during CCP Phase II. |
| 043 | Tracked Action | CIO Phase III evaluation of architectural/civil document control measures resulted in findings listed in the Item Notification (similar conditions are identified in MPQAD MQAR-DAT-1). CIO requests CPCo's plan for addressing the problems noted and for implementing and verifying corrective action on both MQAR-DAT-1 and this item. | Item Notification Report 1/6/84 | Item Notification Report 1/17/84 | | Further CPCo response (CSC-7415 dated 3/5/84) details BPCo corrective action plan for document control. |

CIO ITEM SUMMARY - CONTINUATION SHEET

| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|---------------------|--|----------------------------------|----------------------------------|----------------------|---|
| 046 | Tracked Information | CIO requests placement on distribution for documentation and procedures pertinent to the NRC Project Commitment Tracking Program, advance notice of related meeting and a schedule which addresses completion of these events. | Item Notification Report 1/18/84 | Item Notification Report 2/8/84 | | Partial CPCo response - Implementation to take 8 to 12 months. |
| 051 | Tracked Action | CIO requests to be informed of meetings regarding the proposed plan of action to address deficiencies identified in MPQAD Audit Report No. MSA-83-7 as well as a copy of the proposed plan one week prior to its implementation. | Item Notification Report 2/3/84 | | | As stated in CPCo Transmittal CSC-7583 dated 4/4/84, the proposed plan should be available by 4/20/84. |
| 053 | Tracked Action | As described in Section 4.2 of the CCP, CIO requests that CPCo provide a listing of all status assessment teams, the respective team's scope and their working schedule. | Item Notification Report 2/16/84 | Item Notification Report 2/23/84 | | |
| 055 | Tracked Information | Clarification is required regarding training requirements for area team #23/24 personnel performing status assessment of raceway completion. | Item Notification Report 2/17/84 | Item Notification Report 3/15/84 | | Supplementary information requested by CIO (i.e., SA training matrices) provided by CPCo via CSC-7558 on 3/28/84. |

CIO ITEM SUMMARY - CONTINUATION SHEET

| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|------------------------|---|-------------------------------------|-------------------------------------|----------------------|--|
| 059 | Tracked Information | CPCo should review audits performed prior to June 1983 to assure adequacy of auditing, proper closeout, 10CFR50 Appendix B compliance, and objective evidence as to adequacy of the audits. | Item Notification Report 2/18/84 | Item Notification Report 3/13/84 | | |
| 060 | Tracked Recommendation | CIO provides a series of recommendations in the following categories: 1) Management Involvement; 2) Tracking Audits/Audit Findings; and 3) Audit Personnel Training and Certification Records. | Item Notification Report 2/17/84 | Item Notification Report 3/13/84 | | |
| 061 | Tracked Recommendation | CIO recommends that the receipt acknowledgement copy of the Bechtel transmittal form be revised to provide for a signature/date by the recipient. | Item Notification Report 3/2/84 | Item Notification Report 4/10/84 | | BPCo to include a signature/date line on their transmittal. |
| 062 | Tracked Action | CIO has determined that status assessment is being performed on pipe supports by personnel who have not completed required training. All personnel performing hanger support status assessment should be checked to assure they are properly qualified. Any previous supports that were assessed by unqualified personnel should be reassessed. | Item Notification Report 3/6/84 | Transmittal CSC-7580 4/4/84 | | BPCo response evaluated by CPCo and transmittal to CIO for acceptance. |

CIO ITEM SUMMARY - CONTINUATION SHEET

| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|------------------------|---|-------------------------------------|-------------------------------------|----------------------|--------------------------------------|
| 063 | Tracked Action | During a review of referenced drawings being used for status assessment, CIO identified a number of drawing identification and revision control discrepancies. | Item Notification Report 3/15/84 | | | |
| 064 | Tracked Recommendation | CIO recommends implementation of MPQAD plan to consolidate welding inspection requirements for electrical/instrumentation equipment and supports into PQCI's CW-1.00 and EW-1.00. | Item Notification Report 3/16/84 | Item Notification Report 3/30/84 | | See Attachment A, Page 5 of 8. |
| 065 | Tracked Information | CIO recommends that Zack Procedure MB-FP-7C be revised to reflect the BPCo requirement that notification of addenda retirement information for BPCo documents is provided via a subcontractor Change Notice (SCCN). | Item Notification Report 3/16/84 | Item Notification Report 4/18/84 | | MB-FP-7C revised and issued 4/16/84. |
| 066 | Tracked Information | CIO recommends that Zack revise either Procedure MP-FP-18 or Procedure MP-FP-23 in order that the method used to update the welder qualification matrix be properly addressed. | Item Notification Report 3/16/84 | Item Notification Report 4/18/84 | | MB-FP-23 revised and issued 4/12/84. |



CIO ITEM SUMMARY - CONTINUATION SHEET

| <u>No.</u> | <u>Remarks</u> |
|------------|--|
| 064 | <p>CIO has received a response to Item 064 and has determined that the response is acceptable. The response describes actions different from those actions previously proposed by MPQAD and described in CIO Weekly Report Number 36.</p> <p>Weekly Report Number 36 stated that MPQAD planned to have the requirements for inspection of welds on electrical equipment and supports in both CW-1.00 and EW-1.00. MPQAD has now stated that the requirements for the inspection of welds on electrical equipment and supports has been deleted from CW-1.00.</p> <p>This item currently remains open until verification by CIO that actions described in the MPQAD response have been completed.</p> |

CIO ITEM SUMMARY - CONTINUATION SHEET

| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|---------------------|---|----------------------------------|----------------------------------|----------------------|-------------------------------------|
| 067 | Tracked Information | CIO recommends that Zack Procedure MB-FP-5 be revised to address required actions for incomplete and damaged items. | Item Notification Report 3/20/84 | Item Notification Report 4/18/84 | | MB-FP-5 revised and issued 4/16/84. |
| 068 | Tracked Action | The Midland Plant FSAR (Table 3.2-4) specifies use of the 1974 Edition (no addenda) of the ASME III, Division 1 Code, Subsection NF (i.e., installation of hangers and supports for nuclear piping). A BPCo specification, as well as the B&W QA Program Manual, reference an earlier code edition in violation of ASME III, Division I, Article NA-1000 (1974 Edition). CIO requests the cause, resolution, and corrective/preventative action for this condition, as well as any potential impacts on site installations. | Item Notification Report 3/23/84 | | | |
| 070 | Tracked Action | IOMs have been issued by various BPCo personnel to clarify the status assessment process. These IOM's are not being processed through any single point of administrative control. | Item Notification Report 4/10/84 | | | |



CIO ITEM SUMMARY - CONTINUATION SHEET

| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|---------------------|---|----------------------------------|-----------------------------|----------------------|---------|
| 071 | Tracked Information | CIO requests information regarding CPCo action resulting from NCR M01-9-9-075 which documented seven inconsistencies between the FSAR, a specification and AWS D1.1. | Item Notification Report 4/11/84 | | | |
| 072 | Tracked Information | CIO should be informed of action being taken to resolve administrative inconsistencies in B&W NDE procedures (i.e., NDE-PQ-RT-200, NDE-PQ-RT-201, and NDE-PQ-RT-202). | Item Notification Report 4/11/84 | | | |
| 073 | Tracked Information | CIO requests B&W's documentation supporting required demonstration of Procedure NDE-PQ-MT-201, Rev. 0 to the ANI. | Item Notification Report 4/11/84 | | | |
| 074 | Tracked Action | During an evaluation of the site document control program, CIO has addressed a number of general concerns which must be addressed by CPCo. | Item Notification Report 4/13/84 | | | |
| 075 | Tracked Information | CIO requests information regarding BPCo methodology for the development of certificates of compliance to meet ASME, Section III requirements. | Item Notification Report 4/17/84 | | | |





C10 ITEM SUMMARY - CONTINUATION SHEET

| No. | Classifi- cation | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|-----------------------------|---|--|--------------------------------|-------------------------|---------|
| 076 | Tracked Infor- mation | C10 requests information regarding Project requirements for use of correction tape/fluid on Field Change Requests. | Item Notifi- cation Report 4/18/84 | | | |


STONE & WEBSTER MICHIGAN, INC.
CONSTRUCTION IMPLEMENTATION OVERVIEW
MIDLAND NUCLEAR COGENERATION PLANT

CIO HOLD POINT SUMMARY

- NOTES: 1.  identifies changes from previous report
2. Closed Hold Points will be identified in the Report for the week of closure and dropped from further reporting

| No. | Description | Established Document/Date | CPCo Response Document/Date | Lifted Document/Date | Remarks |
|-----|---|---------------------------|--|--|---|
| 005 | CPCo has committed to develop a Vendor Equipment Verification Program. Program is required before implementation of Phase II. | Report No. 18 10/17/83 | CPCo Transmittal CSC-7573 dated 4/2/84 | Hold Point Notification Report 4/16/84 | CPCo response consists of the synopsis of the Vendor Workman-Ship Verification Program.  |
| 007 | Evaluation of Management Review of results of Phase I activities. Evaluation is required before implementation of Phase II. | Report No. 19 10/26/83 | | | |

STONE & WEBSTER MICHIGAN, INC.
CONSTRUCTION IMPLEMENTATION OVERVIEW
MIDLAND NUCLEAR COGENERATION PLANT

NOTES: 1.  identifies changes from previous report
2. Closed NIRs will be identified in the report for the week of closure and dropped from further reporting

NONCONFORMANCE IDENTIFICATION REPORT SUMMARY

| No. | Description | Issue Date | Response Date | Closure Date | Remarks |
|-----|--|------------|---------------|--------------|---|
| 014 | As documented on CIO Evaluation No. MP-MIS-074-0001, FPD 1.000 requirement that a copy of all transmittals for "Q" listed items be transmitted to MPQAD and the Project Supplier Quality Representative was not being satisfied. | 01/27/84 | 04/17/84 | | QAR RT-00026 issued to track corrective action. |
| 017 | The recommended corrective action for Audit finding 01F, Audit No. M01-346-02 was not implemented, yet the audit was closed out. | 02/17/84 | 04/16/84 | 04/17/84 | Corrective action performed via QAR RB-00005. |
| 019 | As documented on CIO Evaluation No. MP-MIS-082-0001, several discrepancies were identified on the FDDL. | 02/29/84 | 03/14/84 | | QAR RA-00134 issued to track corrective action. |
| 020 | As documented on CIO Evaluation No. MP-MIS-082-0001, 4 out of 25 Distribution Change Request Forms were not properly signed in violation of FPZ-1.000. | 03/02/84 | 03/14/84 | | QAR RA-00135 issued to track corrective action. |
| 022 | At work Print Station 219, CIO reviewed 80 out of 1116 documents. 20 documents were found discrepant, as described in the NIR. | 03/23/84 | | | |
| 023 | At Work Print Station 209, CIO reviewed 80 out of 1116 documents. 23 documents contained discrepancies, as described in the NIR. | 03/23/84 | | | |

CIO NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

| No. | Description | Issue Date | Response Date | Closure Date | Remarks |
|-----|--|------------|---------------|--------------|---|
| 024 | At Document Control Station 501, CIO reviewed 200 out of 5533 drawings. A total of 13 discrepancies were identified, as described in the NIR. | 03/23/84 | | | |
| 025 | At Work Print Station 219, CIO found four additional discrepant areas at completion of evaluations. | 04/03/84 | | | |
| 026 | At Work Print Station 309, four documents were found by CIO to be discrepant. | 04/03/84 | | | |
| 027 | At Document Control Stations 59 and 501, discrepancy found to exist between control drawings used by BPCo field engineers and those in BPCo Document Control Center. | 04/04/84 | | | |
| 028 | Response to NIR 015 was not accepted by CIO. Requirements for making corrections to QA records should be proceduralized. | 04/09/84 | 04/19/84 | | Corrective action performed via QAR RT-00032. |
| 029 | A BPCo memorandum requests revisions to seven Purchase Orders due to material/documentation discrepancies for received material in lieu of writing NCRs. | 04/11/84 | | | |



C10 NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

| No. | Description | Issue Date | Response Date | Closure Date | Remarks |
|-----|--|------------|---------------|--------------|---------|
| 030 | BPCo ASME III Manual states that the PQAE shall assure that items are procured only from acceptable manufacturers. P0s 7220-F-64832(A), Rev. 2 and 7220-F-64487(A), Rev. 1 reference manufacturers which are not listed on the ASME Evaluation Supplier Listing. | 04/11/84 | | | |
| 031 | C10 reviewed nine verification inspection reports for PQCI C-1.40. Discrepancies were found in all nine IRs. | 04/20/84 | | | |

STONE & WEBSTER MICHIGAN, INC.
CONSTRUCTION IMPLEMENTATION OVERVIEW
MIDLAND NUCLEAR COGENERATION PLANT

WEEKLY MEETING SUMMARY

| Date | Meeting Title | Attendees | Discussion Topic | CIO Comments |
|----------------|------------------------------------|------------------------------|---|-----------------------------|
| April 16, 1984 | CPCo Program on 10CFR50 Appendix B | CPCo MPQAD CIO | 1) CIO scheduled assessment of CPCo Program to requirements of 10CFR50 Appendix B. | No CIO concerns identified. |
| April 17, 1984 | HRP Meeting | MPQAD CIO | 1) MPQAD awaiting response concerning material traceability. 2) Change Request to MPQAD Procedure N-20 to allow destatusing of hangers. 3) MPQAD awaiting AWS Committee reply concerning structural fit-up inspection requirements. | No CIO concerns identified. |
| April 17, 1984 | Team Meeting | CPCo MPQAD BPCo CIO | 1) IOMs to clarify procedures will no longer be used. 2) S/A does not apply to items on hold. 3) Monitor NCRs for prompt disposition. 4) Need to expedite S/A prints from the Document Control Center. | No CIO concerns identified. |
| April 20, 1984 | HRP Meeting | MPQAD CIO | 1) CIO to be informed daily by MPQAD on hangers to be inspected. | No CIO concerns identified. |

WEEKLY MEETING SUMMARY - CONTINUATION SHEET

| Date | Meeting Title | Attendees | Discussion Topic | CIO Comments |
|-------------------|---------------------|----------------------------|---|-----------------------------|
| April 20, 1984 | Subcontract Meeting | BPCo B&W Zack CIO | 1) Discussion on Zack NCR action item list. | No CIO concerns identified. |

CCP PHASE I ACTIVITY

April 16 - April 20, 1984

| MODULE | S/A | QVP | HRP |
|---|---|--------------------|---------|
| 102 East Auxiliary Bldg Pipeway to Eleva- tion 630 | Electrical Mechanical Instrumentation | Cable Terminations | Hangers |
| 120 Auxiliary Building Elevation 584 | Electrical Mechanical Instrumentation | | Hangers |
| 150 Auxiliary Building Elevation 634 | | | Hangers |
| 240 Control Room Elevation 659 | Electrical | | |
| 320 N. Stm. Gen. Loop - RCB | | | Hangers |
| 330 S. Stm. Gen. Loop - RCB | | | Hangers |
| 340 RCB except inside D rings & reactor cavity | Electrical Instrumentation | Coatings | Hangers |
| 800 Service Water Pump House | Electrical | | |
| 820 Diesel Generator Building | Electrical Mechanical Instrumentation | Conduit/Supports | |
| | | | |
| | | | |



STONE & WEBSTER MICHIGAN, INC.

P. O. Box 1963, MIDLAND, MI 48641-1963

Mr. J. G. Keppler, Administrator, Region III
Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

May 4, 1984

J.O. No. 14509
SWM-104

Docket No. 50-329/330
CIO Weekly Report No. 46
Construction Implementation Overview
Midland Nuclear Power Plant

The Construction Implementation Overview (CIO) Weekly Report Number 46, for the period April 23, 1984 through April 27, 1984, is enclosed.

This report includes a summary of CIO activities for the week and open Items, NIRs, and Hold Points.

J. E. Karr
J. E. Karr

CIO Program Manager

Enclosures

DHA:NL

CC:
DLQuamme, CPCo Midland (site)
NIReichel, CPCo Midland (site)
RAWells, CPCo Midland (site)
JJHarrison, US NRC Glen Ellyn, IL
RJCook, US NRC Midland (site)
Public Document Room

| PRINCIPAL STAFF | | | |
|-----------------|-------|------|----------------|
| ✓ RA | Jones | DPRP | |
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Stone & Webster Michigan, Inc.
CONSTRUCTION IMPLEMENTATION OVERVIEW

- CIO -

WEEKLY REPORT

NUMBER 46

PERIOD - April 23, 1984 through April 27, 1984

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| D. Meeting Summary | |
| VI. Exhibit | |
| 1. CCP Phase I Activity | |

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CIO WEEKLY REPORT NUMBER 46

I. OVERVIEW

During this reporting period, Status Assessment (S/A), Quality Verification Program (QVP), Hanger Reinspection Program (HRP), and Turbine Roll activities continued. Exhibit 1 indicates the Construction Completion Program (CCP) Phase I activities that were ongoing by discipline and module.

The principal effort by CIO during this reporting period was to monitor the prerequisites for the release of Hold Point 007 for Phase II Turbine Roll activities.

Section II summarizes activities during this reporting period. Section III provides details of these activities.

II. ACTIVITY SUMMARY

- A. CCP Activity Monitoring
- B. Emergency Diesel Generator Program Follow-up
- C. Zack Program Evaluation
- D. CPCo 10CFR50, Appendix B, Program Evaluation
- E. HRP Evaluation
- F. CIO Actions to Close Out NIRs and Items as Responses are Received
- G. Site Meetings Summary

III. ACTIVITY DETAILS (Paragraphs Correspond to Items in Section II)

- A. The CCP activity in all active modules was overviewed by CIO. This overview was conducted by witnessing work in progress, attending team and subcontractor scheduling meetings, reviewing working documents and

monitoring activities for adherence to procedures.

Prerequisites for Turbine Roll were satisfactorily resolved by CPCo, including those items addressed in CIO letter SWM-099; namely, 1) address "Engineering Holds" on how S/A and QVP will be conducted going from Phase I to Phase II for these commodities, and 2) develop a total scope statement of integration for Phase I activities. CIO therefore released Hold Point 007 for Turbine Roll Phase II activities.

Activities related to CCP continue to be accomplished satisfactorily and in accordance with the requirements of procedures.

- B. Piping removal on Diesel Generators 2PEA and 2PEB is complete. Reinstallation is now scheduled to start on May 14, 1984.
- C. CIO follow-up on paperwork to complete the status of welder qualification is awaiting the criterion to be used to qualify welders. Zack qualifies to AWS D1.3 requirements but they weld in the field to AWS D9.1. The three Zack Tracked Items 065, 066, and 067 were closed this week. These items pertain to the revision of three Zack procedures, as indicated in the CIO Item Summary.
- D. CIO evaluated the CPCo Jackson office this week to 10CFR50, Appendix B. This evaluation covered Criteria I, II, III, IV, V, and XVIII and will continue until all 18 criteria are covered.
- E. CIO is monitoring the HRP. MPQAD has reinspected 162 Auxiliary Building hangers to date. Our sampling of this group has not uncovered any deficiencies to date.

F. Activities related to CIO Items, Hold Points, and NIRs are summarized in Attachments A, B, and C respectively.

G. The summary of meetings attended by CIO is in Attachment D.

IV. GENERAL

A. CIO staffing remained at 34 during this reporting period.

B. Mr. R. G. Burns, SWEC QA Manager, was onsite April 24, 1984.

V. ATTACHMENTS


A. CIO Item Summary

B. CIO Hold Point Summary

C. CIO NIR Summary

D. Meeting Summary

STONE & WEBSTER MICHIGAN, INC.,
CONSTRUCTION IMPLEMENTATION OVERVIEW
MIDLAND NUCLEAR COGENERATION PLANT

- NOTES: 1.  Identifies changes from previous report
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CIO ITEM SUMMARY - CONTINUATION SHEET

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| 051 | Tracked Action | CIO requests to be informed of meetings regarding the proposed plan of action to address deficiencies identified in MPQAD Audit Report No. MSA-83-7 as well as a copy of the proposed plan one week prior to its implementation. | Item Notification Report 2/3/84 | | | As stated in CPCo Transmittal CSC-7583 dated 4/4/84, the proposed plan should be available by 4/20/84. |
| 053 | Tracked Action | As described in Section 4.2 of the CCP, CIO requests that CPCo provide a listing of all status assessment teams, the respective team's scope and their working schedule. | Item Notification Report 2/16/84 | Item Notification Report 2/23/84 | | |
| 055 | Tracked Information | Clarification is required regarding training requirements for area team #23/24 personnel performing status assessment of raceway completion. | Item Notification Report 2/17/84 | Item Notification Report 3/15/84 | | Supplementary information requested by CIO (i.e., SA training matrices) provided by CPCo via CSC-7558 on 3/28/84. |
| 059 | Tracked Information | CPCo should review audits performed prior to June 1983 to assure adequacy of auditing, proper closeout, 10CFR50 Appendix B compliance, and objective evidence as to adequacy of the audits. | Item Notification Report 2/18/84 | Item Notification Report 3/13/84 | | |

* CIO ITEM SUMMARY - CONTINUATION SHEET

| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|--|
| 060 | Tracked Recommendation | CIO provides a series of recommendations in the following categories: 1) Management Involvement; 2) Tracking Audits/Audit Findings; and 3) Audit Personnel Training and Certification Records. | Item Notification Report 2/17/84 | Item Notification Report 3/13/84 | | |
| 061 | Tracked Recommendation | CIO recommends that the receipt acknowledgement copy of the Bechtel transmittal form be revised to provide for a signature/date by the recipient. | Item Notification Report 3/2/84 | Item Notification Report 4/10/84 | | BPCo to include a signature/date line on their transmittal. |
| 062 | Tracked Action | CIO has determined that status assessment is being performed on pipe supports by personnel who have not completed required training. All personnel performing hanger support status assessment should be checked to assure they are properly qualified. Any previous supports that were assessed by unqualified personnel should be reassessed. | Item Notification Report 3/6/84 | Transmittal CSC-7580 4/4/84 | Item Notification Report 4/23/84 | BPCo response evaluated by CPCo and transmitted to CIO for acceptance. |
| 063 | Tracked Action | During a review of referenced drawings being used for status assessment, CIO identified a number of drawing identification and revision control discrepancies. | Item Notification Report 3/15/84 | | | |

CIO ITEM SUMMARY - CONTINUATION SHEET

| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|------------------------|---|----------------------------------|----------------------------------|----------------------------------|--------------------------------------|
| 064 | Tracked Recommendation | CIO recommends implementation of MPQAD plan to consolidate welding inspection requirements for electrical/instrumentation equipment and supports into PQCI's CW-1.00 and EW-1.00. | Item Notification Report 3/16/84 | Item Notification Report 3/30/84 | | See Attachment A, Page 5 of 8. |
| 065 | Tracked Information | CIO recommends that Zack Procedure MB-FP-7C be revised to reflect the BPCo requirement that notification of addenda retirement information for BPCo documents is provided via a Subcontractor Change Notice (SCCN). | Item Notification Report 3/16/84 | Item Notification Report 4/18/84 | Item Notification Report 4/26/84 | MB-FP-7C revised and issued 4/16/84. |
| 066 | Tracked Information | CIO recommends that Zack revise either Procedure MP-FP-18 or Procedure MP-FP-23 in order that the method used to update the welder qualification matrix be properly addressed. | Item Notification Report 3/16/84 | Item Notification Report 4/18/84 | Item Notification Report 4/26/84 | MB-FP-23 revised and issued 4/12/84. |
| 067 | Tracked Information | CIO recommends that Zack Procedure MB-FP-5 be revised to address required actions for incomplete and damaged items. | Item Notification Report 3/20/84 | Item Notification Report 4/18/84 | Item Notification Report 4/26/84 | MB-FP-5 revised and issued 4/16/84. |

CIO ITEM SUMMARY - CONTINUATION SHEET

| <u>No.</u> | <u>Remarks</u> |
|------------|--|
| 064 | <p>CIO has received a response to Item 064 and has determined that the response is acceptable. The response describes actions different from those actions previously proposed by MPQAD and described in CIO Weekly Report Number 36.</p> <p>Weekly Report Number 36 stated that MPQAD planned to have the requirements for inspection of welds on electrical equipment and supports in both CW-1.00 and EW-1.00. MPQAD has now stated that the requirements for the inspection of welds on electrical equipment and supports has been deleted from CW-1.00.</p> <p>This item currently remains open until verification by CIO that actions described in the MPQAD response have been completed.</p> |

CIO ITEM SUMMARY - CONTINUATION SHEET

| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|---------------------|---|-------------------------------------|-----------------------------|----------------------|---------|
| 068 | Tracked Action | The Midland Plant FSAR (Table 3.2-4) specifies use of the 1974 Edition (no addenda) of the ASME III, Division 1 Code, Subsection NF (i.e., installation of hangers and supports for nuclear piping). A BPCo specification, as well as the B&W QA Program Manual, reference an earlier code edition in violation of ASME III, Division I, Article NA-1000 (1974 Edition). CIO requests the cause, resolution, and corrective/preventative action for this condition, as well as any potential impacts on site installations. | Item Notification Report 3/23/84 | | | |
| 070 | Tracked Action | IOMs have been issued by various BPCo personnel to clarify the status assessment process. These IOMs are not being processed through any single point of administrative control. | Item Notification Report 4/10/84 | | | |
| 071 | Tracked Information | CIO requests information regarding CPCo action resulting from NCR M01-9-9-075 which documented seven inconsistencies between the FSAR, a specification and AWS D1.1. | Item Notification Report 4/11/84 | | | |

CIO ITEM SUMMARY - CONTINUATION SHEET


| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|---------------------|---|-------------------------------------|-----------------------------|----------------------|---------|
| 072 | Tracked Information | CIO should be informed of action being taken to resolve administrative inconsistencies in B&W NDE procedures (i.e., NDE-PQ-RT-200, NDE-PQ-RT-201, and NDE-PQ-RT-202). | Item Notification Report 4/11/84 | | | |
| 073 | Tracked Information | CIO requests B&W's documentation supporting required demonstration of Procedure NDE-PQ-MT-201, Rev. 0 to the ANI. | Item Notification Report 4/11/84 | | | |
| 074 | Tracked Action | During an evaluation of the site document control program, CIO has addressed a number of general concerns which must be addressed by CPCo. | Item Notification Report 4/13/84 | | | |
| 075 | Tracked Information | CIO requests information regarding BPCo methodology for the development of certificates of compliance to meet ASME, Section III requirements. | Item Notification Report 4/17/84 | | | |
| 076 | Tracked Information | CIO requests information regarding Project requirements for use of correction tape/fluid on Field Change Requests. | Item Notification Report 4/18/84 | | | |

CIO ITEM SUMMARY - CONTINUATION SHEET

| No. | Classification | Description | Open Document/Date | CPCo Response Document/Date | Closed Document/Date | Remarks |
|-----|------------------------|--|----------------------------------|-------------------------------------|----------------------------------|---------|
| 077 | Tracked Information | System Team 14 did not input CWPs into Punchlists as required by FPG-9.900. | Item Notification Report 4/23/84 | CPCo Transmittal CSC-7675 - 4/25/84 | Item Notification Report 4/26/84 | |
| 078 | Tracked Recommendation | Use of pencil on audit report was noted. CIO recommends establishment of policy of accepting only BLACK INK on quality records. | Item Notification Report 4/23/84 | | | |
| 079 | Tracked Action | Concrete surface repairs in Module 800 E, F, & G were not inspected during QVP inspections for three concrete placements as required by PQCI C-1.40. | Item Notification Report 4/25/84 | | | |


STONE & WEBSTER MICHIGAN, INC.,
CONSTRUCTION IMPLEMENTATION OVERVIEW
MIDLAND NUCLEAR COGENERATION PLANT

CIO HOLD POINT SUMMARY

- NOTES: 1.  identifies changes from previous report
2. Closed Hold Points will be identified in the Report for the week of closure and dropped from further reporting

| No. | Description | Established Document/Date | CPCo Response Document/Date | Lifted Document/Date | Remarks |
|-----|---|---------------------------|-----------------------------|----------------------|--|
| 007 | Evaluation of Management Review of results of Phase I activities. Evaluation is required before implementation of Phase II. | Report No. 19 10/26/83 | | | Hold Point 007 was partially released for Turbine Roll only. |

STONE & WEBSTER MICHIGAN, INC. *
CONSTRUCTION IMPLEMENTATION OVERVIEW
MIDLAND NUCLEAR COGENERATION PLANT

NOTES: 1.  Identifies changes from previous report
2. Closed NIRs will be identified in the report for the week of closure and dropped from further reporting

NONCONFORMANCE IDENTIFICATION REPORT SUMMARY

| No. | Description | Issue Date | Response Date | Closure Date | Remarks |
|-----|--|------------|---------------|--------------|---|
| 014 | As documented on CIO Evaluation No. MP-MIS-074-0001, FPD 1.000 requirement that a copy of all transmittals for "Q" listed items be transmitted to MPQAD and the Project Supplier Quality Representative was not being satisfied. | 01/27/84 | 04/17/84 | 04/24/84 | QAR RT-00026 issued to track corrective action. |
| 019 | As documented on CIO Evaluation No. MP-MIS-082-0001, several discrepancies were identified on the FDDL. | 02/29/84 | 03/14/84 | | QAR RA-00134 issued to track corrective action. |
| 020 | As documented on CIO Evaluation No. MP-MIS-082-0001, 4 out of 25 Distribution Change Request Forms were not properly signed in violation of FPZ-1.000. | 03/02/84 | 03/14/84 | | QAR RA-00135 issued to track corrective action. |
| 022 | At Work Print Station 219, CIO reviewed 80 out of 1116 documents. Twenty documents were found discrepant, as described in the NIR. | 03/23/84 | | | |
| 023 | At Work Print Station 209, CIO reviewed 80 out of 1116 documents. Twenty-three documents contained discrepancies, as described in the NIR. | 03/23/84 | | | |

CIO NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

| No. | Description | Issue Date | Response Date | Closure Date | Remarks |
|-----|--|------------|---------------|--------------|---|
| 024 | At Document Control Station 501, CIO reviewed 200 out of 5533 drawings. A total of 13 discrepancies were identified, as described in the NIR. | 03/23/84 | | | |
| 025 | At Work Print Station 219, CIO found four additional discrepant areas at completion of evaluations. | 04/03/84 | | | |
| 026 | At Work Print Station 309, four documents were found by CIO to be discrepant. | 04/03/84 | | | |
| 027 | At Document Control Stations 59 and 501, discrepancy found to exist between control drawings used by BPCo field engineers and those in BPCo Document Control Center. | 04/04/84 | | | |
| 028 | Response to NIR 015 was not accepted by CIO. Requirements for making corrections to QA records should be proceduralized. | 04/09/84 | 04/19/84 | | Corrective action performed via QAR RT-00032. |
| 029 | A BPCo memorandum requests revisions to seven Purchase Orders due to material/documentation discrepancies for received material in lieu of writing NCRs. | 04/11/84 | | | |

CIO NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

| No. | Description | Issue Date | Response Date | Closure Date | Remarks |
|-----|--|------------|---------------|--------------|---------|
| 030 | BPCo ASME III Manual states that the PQAE shall assure that items are procured only from acceptable manufacturers. POs 7220-F-64832(A), Rev. 2 and 7220-F-64487(A), Rev. 1 reference manufacturers which are not listed on the ASME Evaluation Supplier Listing. | 04/11/84 | | | |
| 031 | CIO reviewed nine verification inspection reports for PQCI C-1.40. Discrepancies were found in all nine IRs. | 04/20/84 | | | |

STONE & WEBSTER MICHIGAN, INC.,
CONSTRUCTION IMPLEMENTATION OVERVIEW
MIDLAND NUCLEAR COGENERATION PLANT

WEEKLY MEETING SUMMARY

| Date | Meeting Title | Attendees | Discussion Topic | CIO Comments |
|----------------|---------------------------------|--|--|----------------------------|
| April 24, 1984 | Team Meeting | CPCo MPQAD BPCo CIO | 1) Necessity to expedite drawings 2) Support activities for Turbine Roll 3) New inspection procedure for structural steel to be issued | No CIO concerns identified |
| April 26, 1984 | Team Meeting | CPCo MPQAD BPCo CIO | Management review package to be prepared for Module 120D for Phase II work. | No CIO concerns identified |
| April 26, 1984 | CIO Activities | CIO Continental Illinois Bank First National Bank of Chicago | CIO activities at Midland Power Plant | No CIO concerns identified |
| April 27, 1984 | TDI Emergency Diesel Generators | CPCo MPQAD BPCo CIO | Teardown and inspection by owner's group of TDI Emergency Diesel Generators | No CIO concerns identified |

WEEKLY MEETING SUMMARY - CONTINUATION SHEET

| Date | Meeting Title | Attendees | Discussion Topic | CIO Comments |
|----------------|-----------------------|---|---|----------------------------|
| April 27, 1984 | Document Control | BPCo MPQAD CIO | 1) Discussion on long- and short-term corrective action for document control 2) Resolution of CIO NIRs on document control | No CIO concerns identified |
| April 27, 1984 | Subcontractor Meeting | BPCo B&W Zack Owens Corning Transco Grinnell CIO | Contractors are to resubmit updated schedules to delete inconsistencies and legends that do not agree with charts. | No CIO concerns identified |

CCP PHASE I ACTIVITY

April 23 - April 27, 1984

Weekly Report No. 46
Exhibit :
Page 1 of 1

| MODULE | S/A | QVP | HRP |
|---|---|--------------------|---------|
| 102 East Auxiliary Bldg Pipeway to Eleva- tion 630 | Electrical Mechanical Instrumentation | Cable Terminations | Hangers |
| 120 Auxiliary Building Elevation 584 | Electrical Mechanical Instrumentation | Electrical | |
| 140 Auxiliary Building Elevation 614 | | | Hangers |
| 130 Auxiliary Building Elevation 599 | | | Hangers |
| 120 Auxiliary Building Elevation 568 | | | Hangers |
| 240 Control Room Elevation 659 | Electrical Structural Steel | | |
| 340 RCB except inside D rings & reactor cavity | Electrical Instrumentation Mechanical | Coatings | |
| 800 Service Water Pump House | Electrical Concrete | | |
| 820 Diesel Generator Building | Electrical Mechanical Instrumentation | | |
| | | | |
| | | | |



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

~~MAY 18 1984~~

DRP

Docket No. 50-329
Docket No. 50-300

Consumers Power Company
ATTN: Mr. James W. Cook
Vice President
Midland Project
1945 West Parnall Road
Jackson, MI 49201

Gentlemen:

This refers to the meeting conducted by Messrs. ~~R. Warrick~~, R. Gardner, *R. Landsman*, H. Livermore, B. Burgess, and P. Hiland of the NRC Region III staff with Messrs. S. Lucks, P. Amoruso, and others of Stone and Webster (S&W), and Messrs. D. Quamme, J. Mooney, R. Wells, and others of your staff on ~~April 12~~, *May 10*, 1984 with followup completed on May ~~31~~, 1984, to discuss the Remedial Soils and Construction Completion Program (CCP) independent third party assessment/overview activities. This monthly meeting was conducted as required by and in accordance with the protocol established with Consumers Power Company for the Stone and Webster activities as related to the Midland Nuclear Project.

The enclosed copy of our report together with the attached Stone and Webster weekly reports and the meeting minutes, identify topics discussed during the meeting. The previous month's (~~March~~, 1984) activities were specifically reviewed. This was accomplished by a Stone and Webster presentation of the Remedial Soils and Construction Implementation Overview (CIO) areas which highlighted work and quality activities, problems encountered, observations made, reporting of nonconformances, and resolutions for those nonconformances. Following the presentations, there was a question and answer session between the NRC, Stone and Webster, and Consumers Power Company. This meeting was open to members of the public.

MAY 18 1984

We will gladly discuss any questions you have concerning this meeting.

Sincerely,

"Original signed by R. F. Warnick"

R. F. Warnick, Chief
Projects Branch 1

17
Enclosure: Inspection Reports
No. 50-329/84-15(DPRP);
No. 50-330/84-15(DPRP)

18
cc w/encls:

DMB/Document Control Desk (RIDS)
Resident Inspector, RIJI
The Honorable Charles Bechhoefer, ASLB
The Honorable Jerry Harbour, ASLB
The Honorable Frederick P. Cowan, ASLB
William Paton, ELD
Michael Miller
Ronald Callen, Michigan
Public Service Commission
Myron M. Cherry
Barbara Stamiris
Mary Sinclair
Wendell Marshall
Colonel Steve J. Gadler (P.E.)
Howard Levin (TERA)
Billie P. Garde, Government
Accountability Project
Lynne Bernabei, Government
Accountability Project
Stone and Webster Michigan, Inc.

RIII

[Signature]
Landsman/as
05/17/84

RIII

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Gardner

RIII

[Signature]
Harrison

RIII

[Signature]
Warnick

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Reports No. 50-329/84-¹⁷~~15~~(DPRP); 50-330/84-¹⁸~~15~~(DPRP)

Docket Nos. 50-329; 50-330

Licenses No. CPPR-81; CPPR-82

Licensee: Consumers Power Company
1945 West Parnall Road
Jackson, MI 49201

Facility Name: Midland Plant, Units 1 and 2

Meeting At: Consumers Power Service Center
1100 S. Washington, St.
Midland, MI

Meeting Conducted: ^{May 10,} April ^{12,} 1984

Inspection Followup: ^{May 31,} May ^{14,} 1984

Report Prepared By: ~~R. N. Gardner~~
R. N. Gardner
Project Inspector

5/15/84
Date

Approved By: ~~J. J. Harrison~~ for
J. J. Harrison, Chief
Section 1D, Midland

5/18/84
Date

Meeting Summary

¹⁸ Meeting held ^{May 10,} on April ^{12,} 1984, (Reports No. 50-329/84-¹⁷~~15~~(DPRP);
50-330/84-¹⁸~~15~~(DPRP))

During the meeting between the NRC, Stone and Webster (S&W) and the licensee, Messrs. S. Lucks, ~~B. Majeski~~, P. Amoroso, and J. Karr of S&W presented a description and status of the Remedial Soils Program activities and the Construction Implementation Overview (CIO) Program activities conducted during the previous month.

In regards to the Remedial Soils Program, topics discussed during the meeting included ~~resident engineering document control~~, underpinning construction, QA/QC performance ~~field document control~~ upgrading, and work activity packages. S&W also reviewed the status for action items and open items including Nonconformance Identification Reports (NIRs). Following the S&W presentation, Consumers Power Company (CPCo) made a presentation on the document control issue.

Auxiliary Building underpinning construction observations, Service Water Pump Structure (SWPS) underpinning construction observations, Sorated Water Storage Tank (SWST) construction observations, review of MPQAD performance, update of the 90-day report,

In the CIO, Stone and Webster overview efforts were focused on Construction Completion Program (CCP) activities, document control activities, trend analysis, and training records. Areas of review outside the CCP included diesel generator activities, HVAC ^{activities} procedures, the NSSS QA program, and the Spatial System Interaction Program. The status of open items, nonconformance, and hold points was also discussed. This meeting involved a total of 24 inspector-hours by five NRC inspectors.

Results: In the Remedial Soils Program areas reviewed, S&W reported two findings in the area of document control and one finding in the area of concrete cylinder strength testing. S&W reported that the other activities assessed in the Remedial Soils areas were accomplished in accordance with project procedures and good practices. S&W reported that for the activities assessed in the CIO areas six findings have been identified in the area of document control and two findings in the area of status assessment. S&W reported that the other activities assessed in the CIO areas were accomplished in accordance with project procedures and good practices. Areas reviewed outside the CCP were accomplished in accordance with project procedures and good practices. Findings identified by S&W are documented and tracked to ensure proper resolution. These findings are periodically reviewed by the NRC.

~~the Diesel Generator Program~~, NRC commitment lists, and an evaluation of the QA program implementation.

In the CIO areas four findings have been identified relative to the use of memoranda, construction work-packages, concrete surface repair, and the Disposition of Inaccessible Items and Attributes Program. Areas reviewed outside the CCP resulted in the identification of 2 findings ~~relative to~~ ^{relative to} the diesel generator program, and 2 findings relative to the NSSS Program. In addition, 4 ~~findings~~ ^{miscellaneous} findings were identified relative to an earlier nonconformance response, the use of whiteout, the use of pencils to record data, and separation between electrical conduit and uncovered electrical tray.

DETAILS

1. Persons in Attendance

U. S. Nuclear Regulatory Commission

*B. L. Burgess, Senior Resident Inspector, Operations
~~*R. F. Warrick, Chief, Projects Branch 1~~
*P. L. Hiland, Resident Inspector
*R. N. Gardner, Project Inspector
*H. Livermore, Site Supervisor
~~*R. B. Landsman, Reactor Inspector~~
Stone & Webster

~~T. L. Baumgartner, CIO Project Supervisor~~
*A. P. Amoruso, CIO Project Manager
*J. E. Karr, CIO Program Manager
R. S. Burns, Quality Assurance Manager
*A. S. Lucks, Soils Project Manager
*P. J. Majeski, Project Engineer, Soils Assessment
~~L. T. Rouen, Soils Sr. Quality Assurance Engineer~~
D. R. O'Nan, Quality Assurance Engineer
D. A. Benvil, Geotechnical Engineer
D. H. Armstrong, Duputy Program Manager
D. W. Zito, Structural Engineer
*W. E. Kilker, Project Engineer
~~R. B. Kelly, Vice President~~

Consumers Power Company

*D. Quamme, Site Manger
*J. A. Mooney, Executive Manager, Soils
*R. A. Wells, Executive Manager, MPQAD
W. Kern, Licensing Staff
B. H. Peck, Construction Superintendent
J. Schaub, Assistant Project Manager, Soils
~~J. McMaster, MPQAD, Soils~~
~~N. J. Saari, Public Affairs~~
*D. A. Taggart, QA Assistant Superintendent
~~R. J. Erhardt, Executive Manager~~
R. Landon, Senior Licensing Analyst
~~D. Stephenson, Licensing Engineer~~
L. Barbien, MPQAD Audit Supervisor
~~R. L. Oliver, MPQAD Soils~~
N. I. Reichel, Assistant Superintendent
~~D. Budzik, Licensing Manager~~
~~P. Elbert, Manager of Administration~~
~~J. N. Kueh, Licensing Staff~~

Bechtel

D. H. Lavelle, Field Soils Manager
W. A. Brandes, Assistant Project Manager, Soils
J. Fisher, CONTRACTS MANAGER
*Denotes meeting participants.

2. Meeting

The meeting between the NRC, Stone & Webster (S&W), and Consumers Power Company (CPCo) included a presentation by the S&W staff on the third party assessment of Remedial Soils and the Construction Completion Program (CCP) activities. This meeting was the required monthly meeting, and was conducted in accordance with the protocol established for communications with S&W by the NRC in a letter to CPCo dated September 15, 1983. The licensee committed to the protocol by their response to the NRC dated September 30, 1983.

Subjects covered by the S&W presentation included:

a. Remedial Soils Program

- . Description of the major underpinning/remedial soils activities during the previous month; ~~March~~ ^{April} 1984 (S&W Reports ~~76-80~~ ⁸¹⁻⁸⁴).
- . Problems encountered regarding underpinning and remedial soils work. ~~Two findings were identified by S&W in the area of document control. The findings concerned discrepancies in the posting of attachments to drawings. An additional finding was identified concerning concrete cylinder strength testing. The finding concerned the failure to use the maximum load indicator needle.~~

b. Construction Implementation Overview (CIO)

- . Description of the major CIO activities during the previous month; ~~February~~ ^{April}, 1984 (S&W Reports ~~38-42~~ ⁴³⁻⁴⁶).
- . Problems encountered regarding the Construction Completion Program. ~~Six findings were identified in the area of document control and two findings were identified in the area of status assessment.~~

Following the presentation, the NRC staff presented questions and comments to the staffs of S&W and CPCo. The NRC staff's questions and comments were based largely on a detailed review of the Stone & Webster reports for the previous month, ~~March~~ ^{April} 1984. At the conclusion of the meeting, members of the public were given the opportunity to provide comments and ask questions.

Subsequent to this meeting, S&W, in accordance with the protocol, submitted meeting minutes to the NRC (copy attached). ³¹ These meeting minutes were reviewed and approved by the NRC on May 14, 1984.

Attachments:

1. Letter from S&W to J. J. Harrison dated ~~April 24~~ ^{May 22}, 1984, with attached minutes of the meeting held on ~~April 12~~ ^{May 10}, 1984.
2. Stone & Webster Engineering Corporation Weekly Independent Assessment of Underpinning Reports ~~76-80~~ ⁸¹⁻⁸⁴.
3. Stone & Webster Engineering Corporation Overview of the Construction Completion Program Reports ~~38-42~~ ⁴³⁻⁴⁶.

Four findings were identified ⁴ relative to the use of memoranda, construction work packages, concrete surface repair, and the disposition of inaccessible items and attribute program.