



# STONE & WEBSTER MICHIGAN, INC.

P.O. Box 2325, BOSTON, MASSACHUSETTS 02107

50-329  
50-330

| PRINCIPAL STAFF |     |       |    |
|-----------------|-----|-------|----|
| RA              | Doc | DRP   |    |
| D/RA            |     | DE    |    |
| A/RA            |     | DRMSP |    |
| RC              |     | DRMA  |    |
| PAO             |     | DES   | ✓  |
| SGA             |     |       |    |
| ENF             |     |       | ha |

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

December 28, 1983  
J.O. No. 14509  
NRC File #83-12-28

DOCKET NO. 50-329/330  
CIO WEEKLY REPORT NO. 28  
MIDLAND PLANT - UNITS 1 AND 2

The Construction Implementation Overview (CIO) Weekly Report No. 28 for the period December 19, 1983 through December 23, 1983, is enclosed.

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

*S. W. Baranow*  
S. W. Baranow  
Program Manager

Enclosures  
SWB/fs

cc:  
JHarrison, US NRC Glen Ellyn, IL  
RJCook, US NRC Midland (site)  
DLQuamme, CPCo Midland (site)  
RAWells, CPCo Midland (site)  
RBKelly, S&W  
APAmoruso, S&W

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PDR ADOCK 05000329  
R PDR

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Report No. 28

December 19, 1983 through December 23, 1983

Personnel on Site

Stone & Webster Michigan, Inc.

|                |                |               |                |
|----------------|----------------|---------------|----------------|
| A. Amoruso     | D. MacBay      | J. Thompson   | E. Barcomb     |
| F. Bearham     | T. Parker      | R. Butler     | D. Beauchamp   |
| R. Carpeggiani | A. Smith       | N. Wetherell  | D. Brown       |
| J. Chawla      | R. Scallan     | S. Narayandas | T. Baumgartner |
| D. Cooke       | J. Seely       | J. Karr       | B. Kasson      |
| R. Corson      | L. Van Arsdale | D. Wells      | G. Dick        |
| C. Marrs       | W. Taylor      | J. Ridge      |                |

CIO ACTIVITIES

A. Summary

- 1) Review of architectural documents processed through the register reconciliation phase, Phase III, of the FCR/FCN Resolution Program for the remaining 29 stations.
- 2) Preparations for review of Civil documents processed through the register reconciliation phase, Phase III, of the FCR/FCN Resolution Program.
- 3) Attendance at meetings.

B. Details (Paragraphs below correspond to items above)

- 1) The review of architectural drawings and specifications at the remaining 29 stations was started but was stopped when information was received that Vendor Drawings and FSKs were not included in the packages being reviewed. This effort will start again when all architectural documents at each of the remaining 29 stations have been cleared by the scheduled MPQAD audit.
- 2) Sampling plans were developed to evaluate Civil drawings, specifications, vendor prints, and FSKs which are held in the stick files of five stations. These plans will be carried out after the documents have been processed through the register reconciliation phase of the FCR/FCN Resolution Program and after MPQAD completes an audit of the Program.
- 3) Meetings attended are summarized in Attachment A.

OPEN ITEMS, NONCONFORMANCES, AND HOLD POINTS

Open CIO items are summarized in Attachment B. Item 040 was closed during the reporting period.

Open CIO Nonconformance Identification Reports (NIRs) are summarized in Attachment C. NIR 010 was closed during the reporting period.

Open CIO Hold Points are summarized in Attachment D.

GENERAL

Mr. J. R. Langston and Mr. W. C. Taylor completed their assignments with the CIO team and were transferred.

## MEETING LIST

| DATE                          | MEETING TITLE                  | ATTENDEES                        | DISCUSSION CONTENT                             | CIO COMMENTS                                       |
|-------------------------------|--------------------------------|----------------------------------|--|--|
| Dec. 19 through Dec. 22, 1983 | Daily Staff Management Meeting | CPCo<br>BPCo<br>S&W CIO<br>MPQAD | Status of CCP activities and coordination      | Document Control Supervision should be intensified |
| Dec. 19 through Dec. 22, 1983 | Team Meetings                  | CPCo<br>BPCo<br>S&W CIO          | Status of schedule restraints.                 | No areas of concern identified.                    |
| Dec. 20, 1983                 | QVP/Status Assessment Meeting  | CPCo<br>BPCo<br>MPQAD<br>S&W CIO | Status of actions to resolve Stop Work Orders. | No areas of concern identified.                    |
| Dec. 21 & 22, 1983            | Team Supervision Meetings      | CPCo<br>BPCo<br>MPQAD<br>S&W CIO | Status of schedule restraints at team level    | No areas of concern identified.                    |
|                               |                                |                                  |  |  |

STONE & WEBSTER MICHIGAN, INC.  
MIDLAND NUCLEAR COGENERATION PLANT  
CIO ITEMS

| ITEM NO. | CLASSIFICATION | ITEMS  | ORIGINATING DOCUMENT/DATE | CPCo RESPONSE DOCUMENT/DATE | STATUS OPEN/CLOSED | CLOSE-OUT DOCUMENT/DATE |
|----------|----------------|--|---------------------------|-----------------------------|--------------------|-------------------------|
| 030      | Tracked Action | Need to review Vendor Equipment Verification Program - MPQAD/SMO   | Report No. 5<br>7/18/83   |                             | Open               |                         |
| 032      | Tracked Action | NIR 006 issued on October 27, 1983, to address administrative discrepancies in the Construction Training Records of Teams 5, 6, 8, 9, 12, 13, 16, 17, 19, 20, 25, 26 (27/28) 29, 30, 31, 32/33 and BHO staff.  | Report No. 20<br>10/31/83 |                             | Open               |                         |
| 033      | Tracked Action | NIR 007 issued on November 7, 1983, to address administrative discrepancies in the Construction Training Records for Teams No. 24, Field Procurement, Subcontractor Management, Field Engineering Staff, and Construction General Services Organization. | Report No. 21<br>11/08/83 |                             | Open               |                         |
| 034      | Tracked Action | NIR 008 issued on November 14, 1983 to address upgrading five training level codes in the System Team Training Matrix.   | Report No. 22<br>11/14/83 |                             | Open               |                         |

STONE & WEBSTER MICHIGAN, INC.  
MIDLAND NUCLEAR COGENERATION PLANT

CIO ITEMS

| ITEM NO. | CLASSIFICATION      | ITEMS  | ORIGINATING DOCUMENT/DATE  | CPCo RESPONSE DOCUMENT/DATE | STATUS OPEN/CLOSED | CLOSE-OUT DOCUMENT/DATE |
|----------|---------------------|--|--|-----------------------------|--------------------|-------------------------|
| 035      | Tracked Action      | CIO observed that dielectric isolation spacers for galvanic protection of copper pipe to galvanized steel pipe supports were missing in some areas on the Small Bore (Instrument Air) KAC System, drawing FSK-J-30-0220 Sheet 2, Rev.7.  | Report No. 22<br>11/14/83  |                             | Open               |                         |
| 036      | Tracked Information | At a meeting of Teams 26 and 27 held on November 22, 1983, the discontinuance of FCNs for "Q" items was discussed. If this change is to be implemented, new instructions are required.   | Report No. 24<br>11/29/83  |                             | Open               |                         |
| 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 C00925 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<br>11/29/83<br>As revised by<br>Report No. 25<br>12/5/83 |                             | Open               |                         |

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MIDLAND NUCLEAR COGENERATION PLANT  
CIO ITEMS

| ITEM NO. | CLASSIFICATION | ITEMS  | ORIGINATING DOCUMENT/DATE | CPCo RESPONSE DOCUMENT/DATE                    | STATUS OPEN/CLOSED | CLOSE-OUT DOCUMENT/DATE |
|----------|----------------|--|---------------------------|--|--------------------|-------------------------|
| 038      | Tracked Action | CIO reviewed a checklist developed by Bechtel Field Engineers for use in conducting Status Assessment to Procedures FPN-7.000, Rev.1. Checklist did not include all of the attributes required by the procedure. | Report No. 26<br>12/13/83 |  | Open               |                         |
| 040      | Tracked Action | NIR 010 issued on December 14, 1983 to address the ambiguity on the resolution sheets of FCR C-1526 as to which drawings were affected.  | Report No. 27<br>12/21/83 | FCR Resolution Sheet of 12/15/83 to FCR C-1526 | Closed             | NIR 010<br>12/21/83     |

STONE & WEBSTER MICHIGAN, INC.  
NONCONFORMANCE IDENTIFICATION REPORT (NIR)  
SUMMARY

| NIR NO. | MPQAD<br>NCR NO.<br>QAR NO. | SUBJECT  | DATE<br>OF<br>ISSUE | DATE<br>DISP.<br>MPQAD | DATE<br>CLOSED | REMARKS   |
|---------|-----------------------------|--|---------------------|------------------------|----------------|---|
| 006     |                             | Administrative discrepancies in Construction Training Records involving CCP Teams.   | 10/28/83            |                        |                |   |
| 007     |                             | Administrative discrepancies in Construction Training Records for the following teams: No. 24, Field Procurement, Subcontractor Management, Field Engineering Staff, and Construction General Services Organization. | 11/7/83             |                        |                |   |
| 008     |                             | Need to upgrade five training level codes in the System Team Training Matrix.  | 11/14/83            |                        |                |   |
| 010     |                             | An ambiguity on the resolution sheets of FCR C-1526 as to which drawings were affected.  | 12/14/83            | 12/15/83               | 12/21/83       | Field Project Engineering issued an additional resolution sheet to clarify the ambiguity. |
|         |                             |  |                     |                        |                |   |
|         |                             |  |                     |                        |                |   |



STONE & WEBSTER MICHIGAN, INC.

HOLD POINT SUMMARY

| NO. | SUBJECT   | ORIGINATING<br>DOC/DATE   | CPCo RESPONSE<br>DOC/DATE | STATUS<br>OPEN/CLOSED | CLOSE - (if)<br>DOC/DATE |
|-----|---|---------------------------|---------------------------|-----------------------|--------------------------|
| 005 | CPCo has committed to develop a Vendor Equipment Verification Program. Program is required before implementation of Phase II. | Report No. 18<br>10/17/83 |                           | Open                  |                          |
| 007 | Evaluation of Management Review of results of Phase I activities. Evaluation is required before implementation of Phase II    | Report No. 19<br>10/24/83 |                           | Open                  |                          |

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HOLD POINT SUMMARY

| NO. | SUBJECT   | ORIGINATING<br>DOC/DATE   | CPCo RESPONSE<br>DOC/DATE | STATUS<br>OPEN/CLOSED | CLOSE-OUT<br>DOC/DATE |
|-----|---|---------------------------|---------------------------|-----------------------|-----------------------|
| 008 | <p>NIR 006 was issued on October 27, 1983, to address discrepancies observed during the sample inspection of 2,054 Construction Training records of 31 members of Teams 5, 6, 8, 9, 12, 13, 16, 17, 19, 20, 25, 26, (27/28), 29, 30, 31, (32/33) and BHO staff.</p> <p>Corrective action must be completed before any walkdown assessments can be performed by the personnel in question.</p>                 | Report No. 20<br>10/31/83 |                           | Open                  |                       |
| 009 | <p>NIR 007 was issued on November 7, 1983, to address discrepancies observed during sample inspection of 834 Construction Training records of 18 members of Team 24, Field Procurement, Sub-Contractor Management, F. E. staff and Construction General Services Organization.</p> <p>Corrective action must be completed before any walkdown, assessments can be performed by the personnel in question.</p> | Report No. 21<br>11/7/83  |                           | Open                  |                       |

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HOLD POINT SUMMARY

| NO. | SUBJECT  | ORIGINATING<br>DOC/DATE   | CPCo RESPONSE<br>DOC/DATE | STATUS<br>OPEN/CLOSED | CLOSE-OUT<br>DOC/DATE |
|-----|--|---------------------------|---------------------------|-----------------------|-----------------------|
| 010 | <p>NIR 008 was issued on November 14, 1983 to address upgrading five items in the System Team Training Matrix of the Construction Training Program.</p> <p>Corrective action must be completed before any walkdown assessments can be performed by the personnel involved in these training activities.</p>  | Report No. 22<br>11/14/83 |                           | Open                  |                       |
| 011 | <p>Prior to lifting of Stop Work Orders relating to the FCR/FCN Review and Resolution Program, CIO has established a Hold Point at the conclusion of Phase II activities to evaluate the adequacy of MPQAD performance during Phase I and Phase II activities. The Hold Point encompasses all the Stop Work Orders with the exception of Stop Work Order No. FSW-36 which has been lifted by MPQAD. This Hold Point does not apply to Phase III.</p> | Report No. 23<br>11/21/83 |                           | Open                  |                       |