



STONE & WEBSTER MICHIGAN, INC.

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DMB

6-9-84

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

July 6, 1984

J.O. No. 14509
SWM-167

Docket No. 50-329/330
CIO Weekly Report No. 55
Construction Implementation Overview
Midland Nuclear Power Plant

The Construction Implementation Overview (CIO) Weekly Report No. 55, for the period June 25, 1984 through June 29, 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:CN

cc:
DLQuamme, CPCo Midland (site)
NIRichel, CPCo Midland (site)
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Stone & Webster Michigan, Inc.
CONSTRUCTION IMPLEMENTATION OVERVIEW

- CIO -

WEEKLY REPORT

NUMBER 55

PERIOD - June 25, 1984, through June 29, 1984

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CIO WEEKLY REPORT NUMBER 55

I. OVERVIEW

CIO continued the evaluation of the Construction Completion Program (CCP) including Status Assessment (S/A), the Quality Verification Program (QVP), and the Hanger Reinspection Program (HRP). Work related to turbine roll was completed by CPCo during this reporting period. CCP Phase 1 activity is tabulated in Exhibit 1. The principal work activity for CIO was the continued updating and completion of plans and gathering of drawings and other information necessary to prepare for the revised CPCo milestone involving Module 120J and portions of the feedwater and auxiliary feedwater systems.

II. ACTIVITY SUMMARY

- A. CCP evaluation
- B. CIO actions to close out Items and NIRs as responses are received
- C. Site meeting summary.

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

- A. CIO continued the review of hangers for partial systems 2ALA-2 (auxiliary feedwater) and 2AEA-3 (feedwater) and started gathering drawings and materials necessary to prepare for the review of Module 120J. This module was given a top priority this week.

The CIO overview of other areas of the CCP was continued consisting of attendance at working meetings, monitoring activities for procedural compliance, reviewing working documents, and witnessing work in progress.

- B. Activities related to CIO Items, Hold Points and NIRs are summarized in Attachments A, B and C respectively.
- C. The summary of meetings attended by CIO is in Attachment D.

IV. GENERAL

CIO staff was reduced to 30 during this period due to transfer of personnel caused by reduced level of project activity.

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

CIO ITEM SUMMARY

- 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
3. (P) - Partial Response (C) - Complete Response

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
037	Tracked Action	CIO observed that two boards with protruding nails lying in Cable Tray 1AKA19 (Q Tray) had punctured the cable jacket of a "Q" cable. The cable is Q-Channel A. 480V, MCC. NCR C-00925 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. Updated response CSC-7704 dated 5/4/84.
046	Tracked Information	CIO requests placement on distribution for documentation and procedures pertinent to the NRC Project Commitment Tracking Program, advance notice of related meetings 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.

CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classifi- cation	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
051	Tracked Action	CIO requests to be informed of meetings regarding the proposed plan of action to address deficiencies identified in MPQAD Audit Report Number MSA-83-7 as well as a copy of the proposed plan one week prior to its implementation.	Item Notifi- cation Report 2/3/84	Item Notifi- cation Report 3/12/84 (P) 6/15/84 (C)		As stated in CPCo Transmittal CSC-7583 dated 4/4/84, the proposed plan should be available by 4/20/84. Complete Response via CSC-7898. Meeting with CPCo indicates an updated response is forthcoming.
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 Notifi- cation Report 2/16/84	Item Notifi- cation Report 2/23/84		CSC-7366 CIO is holding this open pending receipt of overall schedule.
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 Notifi- cation Report 3/16/84	Item Notifi- cation Report 3/30/84		See Attachment A, Page 3 of 7.

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
68	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	Item Notification Report 5/2/84 (P) 5/31/84 (C) 6/12/84 (C)		Complete response via CSC-7825 & CSC-7877
74	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	Item Notification Report 5/4/84 (P) 6/19/84 (C)		Complete response via CSC-7716 & CSC-7918
75	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	Item Notification Report 5/9/84		Complete response via CSC-7734
76	Tracked Information	CIO requests information regarding Project requirements for use of correction tape/fluid on Field Change Requests.	Item Notification Report 4/18/84	Item Notification Report 6/8/84		Complete response via CSC-7864; CIO is awaiting CPCo procedure review.

C10 ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
078	Tracked Recommendation	Use of pencil on audit report was noted. C10 recommends establishment of policy of accepting only BLACK INK on quality records.	Item Notification Report 4/23/84	Item Notification Report 6/2/84		Complete response via CSC-7832; C10 is awaiting CPCo procedure review.
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	Item Notification Report 6/25/84		Complete response via CSC-7947
082	Tracked Recommendation	<p>Recommendation to the Audits and Management Systems (A&MS) Jackson to meet the requirements of 10CFR50, Appendix B.</p> <ol style="list-style-type: none"> 1. A&MS to review part audits for on and off site contractors. 2. Review findings and expeditions closing of two open audits 3. Use of liquid paper or correction tape for changes 4. Some difficulty experienced in retrievability of specific audit data. 	Item Notification Report 5/14/84	Item Notification Report 6/1/84 (C) 6/18/84 (C)		Complete response via CSC-7836 & CSC-7905
083	Tracked Action	Provide clarification of the intent of procedure N-12 with regard to cable reinspections.	Item Notification Report 5/14/84	Item Notification Report 6/25/84		Complete response via CSC-7940
084	Tracked Action	Deviations from PQCI, P-1.90 for QVP in Module 800.	Item Notification Report 5/17/84			

C10 ITEM SUMMARY - CONTINUATION SHEET

	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
86	Tracked Action	Observations from C10 review of PQCI's that impact Phase 1/Phase 2 release, Letter SMM-120.	Item Notification Report 5/18/84	Item Notification Report 5/30/84 (P) 6/1/84 (C)	Item Notification Report 6/29/84	Complete response via CSC-7830
87	Tracked Action	Request to be advised of rationale for acceptability of welds on Action Item 081.	Item Notification Report 6/1/84			
88	Tracked Action	During the evaluation of Module 120D in the Auxiliary Bldg for release to Phase 2 work, C10 noted six conditions that require response by CPCo and details of the corrective action which is to be or has been done for each of the conditions.	Item Notification Report 6/7/84	Item Notification Report 6/12/84 (C)		Complete response via CSC-7880
89	Tracked Action	C10 requests to be advised of scheduled and actual dates of audit and audit results for Bechtel-Ann Arbor Procurement activities.	Item Notification Report 6/15/84			
90	Tracked Information	During C10 evaluation of HRP the following conditions were observed and clarification is requested to resolve: 1. Conflicts between P-2.30, Log No. 257104 and sketch 2-634-5-20. 2. Marking discrepancies on (3) three anchors. 3. Conflicts between data sheet instructions and P-2.30.	Item Notification Report 6/18/84			

C10 ITEM SUMMARY - CONTINUATION SHEET

D.	Classifi- cation	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
1	Tracked Action	<p>C10 overview of status assessment for electrical raceway has identified that no objective evidence was presented for the following:</p> <ol style="list-style-type: none"> 1. Preliminary walkdowns of the Diesel Generator Building (Module 820) as required by FPG-9.910. 2. FCR register is reviewed and unresolved FCR list is prepared for the Diesel Generator Building (Module 820) as required by FPG-9.910. 	Item Notifi- cation Report 6/18/84			
	Tracked Infor- mation	<p>C10 requests information on the action to be taken in regard to lack of retention periods being provided on the CPCo and BPCo Project Document List for "Industry/ Government Standards".</p>	Item Notifi- cation Report 6/21/84			


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
3. (P) - Partial Response (C) - Complete Response

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 and Module 120D in Auxiliary Bldg. 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
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	6/1/84	6/25/84	Complete response via CSC-7831
031	CIO reviewed nine verification inspection reports for PQCI C-1.40. Discrepancies were found in all nine IRs.	04/20/84	6/1/84		Complete response via CSC-7831
032	Horizontal separation requirements between "Q" conduit and "Q" cable tray of different channels without tray covers or barriers are not as per Drawing E42Q (Sht 99C, Rev 2; Sht 99D, Rev 3; Sht 99E, Rev 1; Sht 99E, Rev 2) for at least one instance.	04/30/84	6/21/84		Complete response via CSC-7930
033	NC conditions - PQCI C-1.90	05/14/84	6/19/84		Complete response via CSC-7915
034	Nonconforming conditions were identified during CIO verification of hardware for QVP and Status Assessment of Module 120D	6/7/84	6/8/84 (P) 6/15/84 (C)	6/25/84	Information transmitted Ref. SWM-140 QAR-RT-00037-V initiated to address Complete response via CSC-7897
035	Nonconforming conditions were identified during CIO verification of documentation for QVP and Status Assessment of Module 120D	6/7/84	6/8/84 (P) 6/15/84 (C)	6/25/84	Information transmitted CSC-7866 Ref. SWM-140 QAR-RT-00038-V initiated to address Complete response via CSC-7896

CIO NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

No.	Description	Issue Date	Response Date	Closure Date	Remarks
036	Nonconforming conditions were identified during CIO verification of Programs/Procedures for QVP and Status Assessment of Module 120D.	6/7/84	6/8/84 (P) 6/15/84 (C)	6/25/84	Information transmitted CSC-7866 Ref SWM-140, QAR-RT-00038-V initiated to address Complete response via CSC-7895
037	Installed large bore support 0-665-38 (4"-OHBC-157-H18) in Module No. 240A does not comply with orientation and configuration requirements of the hanger sketch.	6/13/84			
038	NC conditions relating to auxiliary building Module 120D, as previously identified on NIRs 034 and 035.	6/25/84			

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

WEEKLY MEETING SUMMARY

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
5/26/84	HRP Meeting	MPQAD CIO	758 hangers have been reinspected to date.	No CIO concerns identified.
5/26/84	Area Team	CPCo	Module 120J placed at top of priority list.	No CIO concerns identified.

CCP PHASE I ACTIVITY
June 25, 1984 - June 29, 1984

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Exhibit 1
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MODULE	S/A	QVP	HRP
102 East Pipeway Aux. Building Elev. 584' to 630'			Hangers
120 Auxiliary Building Elev. 584'			Hangers
150 Auxiliary Building Elev. 634'			Hangers
240A Control Room Elev. 659'		Electrical	
320 RCB North D. Ring			Hangers
330 RCB South D. Ring			Hangers
340 RCB Outside D Rings			Hangers