



STONE & WEBSTER MICHIGAN, INC.

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

July 18, 1984

J.O. No. 14509
SWM-175

Docket No. 50-329/330
CIO Weekly Report No. 57
Construction Implementation Overview
Midland Nuclear Power Plant

The Construction Implementation Overview (CIO) Weekly Report No. 57, for the period July 9, 1984 through July 13, 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:CN

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

- CIO -

WEEKLY REPORT

NUMBER 57

PERIOD - July 9, 1984, through July 13, 1984

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- B. CIO continued reviewing the construction preventive maintenance procedures in preparation for writing a checklist for evaluating the implementation of these procedures on the site maintenance program. A scoping review of equipment turned over to CPCo and those portions of systems and components maintained by BPCo was held with personnel in charge of these areas. CIO accompanied these personnel to the Control Room and noted some discrepancies in humidity and housekeeping.
- C. Activities related to CIO Items, Hold Points and NIRs are summarized in Attachments A, B and C respectively.
- D. The summary of meetings attended by CIO is in Attachment D.

IV. GENERAL

- A. CIO staff was reduced to 28 during this period due to transfer of personnel caused by reduced level of project activity.
- B. Mr. R.G. Burns, Stone & Webster, Q.A. Manager, was in attendance at the monthly NRC, CCP and Soils review meeting.
- C. Subsequent to this reporting period, CPCo announced the termination of the Midland Project. This will therefore be the final Weekly Report issued by Stone & Webster CIO.

V. ATTACHMENTS

- A. CIO Item Summary
- B. CIO Hold Point Summary
- C. CIO NIR Summary
- D. Meeting Summary

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). CCP Phase 1 activity is tabulated in Exhibit 1. The principal work activity for CIO was the continued updating and completion of CIO attribute checklists and in Module 120J, preparation for CIO evaluation of CCP Phase 1 results in this module.

II. ACTIVITY SUMMARY

- A. CCP Evaluation
- B. Preventive Maintenance Program Evaluation
- C. CIO Actions to Close Out Items and NIRs as Responses are Received
- D. Site Meeting Summary

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

- A. CIO continued the preparations for evaluation of Module 120J by identifying "Q" hardware that will be verified for location, orientation and configuration. The scoping of the documentation review for a selected sample of the hardware in this module was begun. 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. These activities continue to be accomplished satisfactorily and in accordance with procedural requirements.

CIO ITEM SUMMARY - CONTINUATION SHEET

Item No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
51	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 Notification Report 2/3/84	Item Notification 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. Meetings with CPCo indicates that CIO will be informed when this item can be closed.
53	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		CSC-7366 CIO is holding this opening pending receipt of overall schedule.
54	Tracked Recommendation	CIO recommends implementation of MPQAD plan to consolidate welding inspection requirements for electrical/instrumentation equipment and supports into POC's CW-1.00 and CW-1.00.	Item Notification Report 3/16/84	Item Notification Report 3/30/84		See Attachment A, Page 3 of 7.

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

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

CIO ITEM SUMMARY

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 IAKA19 (Q Tray) had punctured the cable jacket of a "Q" cable. The cable is 0-Channel A, 480V, MCC. MCR 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 SUMCP-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 MRC 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.

Remarks

064

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.

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.

This item currently remains open until verification by CIO that actions described in the MPQAD response have been completed.

CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
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	Item Notification Report 5/4/84 (P) 6/19/84 (C)		Complete response via CSC 7716 CSC 7918
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	Item Notification Report 5/9/84		Complete response via CSC 7734
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	Item Notification Report 6/8/84		Complete response via CSC-7864 CIO is awaiting CPCo procedure review.

C10 ITEM SUMMARY - CONTINUATION SHEET

Item No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
076	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	Recommendation to the Audits and Management Systems (A&MS) Jackson to meet the requirements of 10CFR50, Appendix B. 1. A&MS to review part audits for on and off site contractors. 2. Review findings and expeditious 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 II-12 with regard to cable reinspections.	Item Notification Report 5/14/84	Item Notification Report 6/25/84	Item Notification Report 7/12/84	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

Classifi- cation	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
Tracked Action	Request to be advised of rationale for acceptability of welds on Action Item 081.	Item Notifi- cation Report 6/1/84			
Tracked Action	During the evaluation of Module 1200 in the Auxiliary Bldg for release to Phase 2 work, C10 noted six condi- tions 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 Notifi- cation Report 6/7/84	Item Notifi- cation Report 6/12/84 (C)		Complete response via CSC-7880
Tracked Action	C10 requests to be advised of sched- uled and actual dates of audit and audit results for Bechtel-Arm Arbor Procurement activities.	Item Notifi- cation Report 6/15/84			
Tracked Infor- mation	During C10 evaluation of IIRP the following conditions were observed and clarification is requested to resolve: 1. Conflicts between P-2.30, Log No. 25/104 and sketch 2-634-5-20. 2. Marking discrepancies on (3) three anchors. 3. Conflicts between data sheet instructions and P-2.30.	Item Notifi- cation Report 6/18/84	Item Notifi- cation Report 7/13/84 (C)		Complete response via CSC-7986

C10 ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
001	Tracked Action	C10 overview of status assessment for electrical raceway has identified that no objective evidence was presented for the following: 1. Preliminary walkdowns of the Diesel Generator Building (Module 820) as required by FP6-9.910. 2. FCR register is reviewed and unresolved FCR list is prepared for the Diesel Generator Building (Module 820) as required by FP6-9.910.	Item Notification Report 6/18/84	Item Notification Report 7/12/84 (C)		Complete response via CSC-7980
002	Tracked Information	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".	Item Notification Report 6/21/84	Item Notification Report 7/6/84 (P)		Response via CSC-7971
003	Tracked Action	Conflict between MPQAD Procedure N-12 and PQCI E-5.0 DIIA requirement. Unresolved in response to C10 Item 083.	Item Notification Report 7/12/84			

STORE & WEBSTER MICHIGAN, INC. CONSTRUCTION IMPLEMENTATION OVERVIEW NUCLEAR COGENERATION PLANT		NOTES: 1. <input checked="" type="checkbox"/> 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			
C/O HOLD POINT SUMMARY		Established Document/Date	CPCo Response Document/Date	Lifted Document/Date	Remarks
No.	Description	Report No. 19 10/26/83			Hold Point 007 was partially released for turbine roll and Module 1200 in Auxiliary Bldg. only.
007	Evaluation of Management Review of results of Phase I activities. Evaluation is required before implementation of Phase II.				

STONE & WEBSTER MICHIGAN, INC., CONSTRUCTION IMPLEMENTATION OVERVIEW MIDLAND NUCLEAR COGENERATION PLANT NONCOMFORMANCE IDENTIFICATION REPORT SUMMARY		NOTES: 1. <input checked="" type="checkbox"/> identifies changes from previous report 2. Closed HIRs 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	Issue Date	Response Date	Closure Date	Remarks
031	C10 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 E420 (Sht 99C, Rev 2; Sht 99D, Rev 3; Sht 99E, Rev 1; Sht 99F, Rev 2) for at least one instance.	04/30/84	6/21/84		Complete response via CSC-7930
033	HC conditions - PQCI C-1.90	05/14/84	6/19/84		Complete response via CSC-7915
037	Installed large bore support 0-665-38 (4"-OHB-157-H18) in Module No. 240A does not comply with orientation and configuration requirements of the hanger sketch.	6/13/84			
038	HC conditions relating to auxiliary building Module 1200, as previously identified on HIRs 034 and 035.	6/25/84	7/11/84		Complete response via CSC-7983

STOJE & WEBSTER MICHIGAN, INC. CONSTRUCTION IMPLEMENTATION OVERVIEW MIDLAND NUCLEAR COGENERATION PLANT		WEEKLY MEETING SUMMARY		
Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
7/12/84	NRC Monthly Meeting	NRC CPCo CIO	The previous two months activity in Soils and CCP.	No CIO concerns identified.

CCP PHASE I ACTIVITY
July 9, 1984 - July 13, 1984

Weekly Report No. 57
Exhibit 1
Page 1 of 1

Module	S/A	QVP	HRP
120 Auxiliary Bldg. Elev. 584'		Mechanical Electrical	Hangers