



STONE & WEBSTER MICHIGAN, INC.

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

June 14, 1984

J J. No. 14509
 SWM-146

Docket No. 50-329/330
 CIU Weekly Report No. 52
 Construction Implementation Overview
 Midland Nuclear Power Plant

The Construction Implementation Overview (CIU) Weekly Report Number 52, for the period June 4, 1984 through June 8, 1984, is enclosed.

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

J. E. Karr
 CIU Program Manager

Enclosures

DHA:CN

cc:
 DLQuamme, CCo Midland (site)
 NReichel, CCo Midland (site)
 RAWells, CCo Midland (site)
 JHarrison, US NRC Glen Ellyn, IL
 BLBurgess, US NRC Midland (site)
 Public Document Room

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Stone & Webster Michigan, Inc.
CONSTRUCTION IMPLEMENTATION OVERVIEW

- CIO -

WEEKLY REPORT

NUMBER 52

PERIOD - June 4, 1984 through June 8, 1984

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1. CCP Phase I Activity	

CIO WEEKLY REPORT NUMBER 52I. OVERVIEW

CIO continued the evaluation of the Construction Completion Program (CCP) including Status Assessment (S/A), the Quality Verification Program (QVP), the Hanger Reinspection Program (HRP) and Phase 2 work related to Turbine Roll during this reporting period. CCP Phase 1 activity is tabulated in Exhibit 1. The principal work activity for CIO was the evaluation of the Phase 1 completion and readiness for Phase 2 work in Module 120D.

II. ACTIVITY SUMMARY

- A. CCP Evaluation
- B. CPCo 10CFR50, Appendix B
- C. Diesel Generator Building Rework
- D. HRP Program Implementation
- E. Allegation by Former CPCo Employee
- F. CIO Actions to Close Out Items and NIRs as Responses are Received
- G. Site Meeting Summary

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

- A. CIO completed the evaluation of CCP activities in Module 120D to determine readiness for the transition from Phase 1 to Phase 2. A CIO action item was written to describe general and programmatic concerns and three NIRs were written which were categorized into specific discrepancies related to plant hardware, procedural violations and documentation. With appropriate corrective action on identified deficiencies, an accurate status of Module 120D will exist. As other aspects of the CIO evaluation have been

satisfactorily completed and in-process procedures and controls exist that provide confidence that Phase II work can be properly completed and since programmatic issues raised by CIO cannot be resolved for Module 120D CIO Hold Point 007 is lifted for this module.

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

- B. Two criteria remain to be completed in the CIO evaluation of the CPCo Program to comply with 10CFR50, Appendix B and should be completed next week.
- C. The reinstallation of ASME pipe spool pieces by BPCo in Bay 4 of the Diesel Generator Building was begun this week in preparation for an ASME survey the end of this month.
- D. CIO began a walkdown of "Q" hangers in Module 240A (Control Room) and is formulating a sample plan for "Q" hangers in systems 2-AEA-3 and 2-ALA-2 (Feedwater and Auxiliary Feedwater) since these are the next system priorities.
- E. An allegation by a former CPCo employee that an NCR was improperly closed out by CPCo is being investigated by CIO.
- F. Activities related to CIO Items, Hold Points and NIRs are summarized in Attachment A, B and C respectively.
- G. The summary of meetings attended by CIO is in Attachment D.

IV. GENERAL

CIO staff decreased to 37 during this period.

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
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.	Classification	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 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		CSC-7366
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-Partial 5/22/84-Complete	Item Notification Report 6/4/84	Complete response via CSC 7792
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 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
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	Item Notification Report partial 5/2/84 complete 5/31/84		Complete response via CSC 7825
071	Tracked Information	CIO requests information regarding CPCo action resulting from NCR MO1-9-9-075 which documented seven inconsistencies between the FSAR, a specification and AWS D1.1.	Item Notification Report 4/11/84	Item Notification Report 4/25/84		

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		Complete response via CSC 7716
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
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	Item Notification Report 6/2/84		Complete response via CSC-7832

CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
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			
080	Tracked Information	Short-term schedules, dated 4/27/84, indicate QVP inspection activities to PQCI's P-1.90, PI-2.90, M-2.00, P-1.10, P-2.30 and PI-1.90; A list of personnel certifications by PQCI, dated 4/13/84, does not indicate personnel certified to these PQCIs.	Item Notification Report 5/3/84	Item Notification Report 5/31/84		Complete response via CSC-7821
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		Complete response via CSC 7836



CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
083	Tracked Action	Provide clarification of the intent of procedure N-12 with regard to cable reinspections.	Item Notification Report 5/14/84			
084	Tracked Action	Deviations from PQCI, P-1.90 for QVP in Module 800.	Item Notification Report 5/17/84			
085	Tracked Action	Observations from CIO review of PQCI's that impact Phase 1 /Phase 2 release, Letter SWM-120.	Item Notification Report 5/18/84	Item Notification Report 5/30/84 partial 6/01/84 complete		Complete response via CSC 7830
087	Tracked Action	Request to be advised of rationale for acceptability of welds on Action Item 081.	Item Notification Report 6/1/84			
088	Tracked Action	During the evaluation of Module 120D in the Auxiliary Bldg for release to Phase 2 work, CIO 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			

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 and Module 120D in Auxiliary Bldg. only.

STONE & WEBSTER MICHIGAN, INC.
 CONSTRUCTION IMPLEMENTATION OVERVIEW
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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
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	5/4/84	6/4/84	Response via CSM-0768 serial # 27883
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	5/25/84	6/4/84	Complete response via CSM 0778
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		Complete response via CSC 7831
030	BPCo ASME III Manual states that the PQAE shall assure that items are procured only from acceptable manufacturers. PO's 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	5/31/84		Complete response via CSC 7826

CIO NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

No.	Description	Issue Date	Response Date	Closure Date	Remarks
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			
033	NC conditions - PQCI C-1.90	05/14/84			
034	Nonconforming conditions were identified during CIO verification of hardware for QVP and Status Assessment of Module 120D	6/07/84	6/08/84		Information transmitted CSC-7866 Ref. SWM-140 QAR-RT-00037-V initiated to address
035	Nonconforming conditions were identified during CIO verification of documentation for QVP and Status Assessment of Module 120D	6/07/84	6/08/84		Information transmitted CSC-7866 Ref. SWM-140 QAR-RT-00038-V initiated to address

Weekly Report No. 52
 Attachment C
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C10 NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

No.	Description	Issue Date	Response Date	Closure Date	Remarks
036	Nonconforming conditions were identified during C10 verification of Programs/Procedures for QVP and Status Assessment of Module 120D.	6/07/84	6/08/84		Information transmitted CSC-7866 Ref SWM-140, QAR-RT-00038-V initiated to address

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

WEEKLY MEETING SUMMARY

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
June 4 & 5 1984	Team Meeting	CPCo MPQAD BPCo CIO	1) All anchor bolts require drill permits and QC verification. 2) Inspection S/A only to be performed on Q doors	No CIO concerns identified
June 5, 1984	HRP Meeting	CPCo MPQAD BPCo CIO	1) HRP completed reinspection of 135 hangers this week.	No CIO concerns identified
June 5, 1984	Hanger Meeting	BPCo CIO	1) Discussion on minimum bearing criteria for surface contact between piping and clamps.	No CIO concerns identified
June 8, 1984	Subcontract Meeting	BPCo Zack B&W Owens-Corning Trans Co. Grinnell Automatic Sprinkler CIO	1) Block wall work release approved 2) A PQCI on liner plate work is in the writing process. 3) B&W is in process of measuring installed anchor bolts. CIO will review.	No CIO concerns identified

CCP PHASE I ACTIVITY
June 4 - June 8, 1984

MODULE	S/A	QVP	HRP
240 Control Tower Elevation 659'		Electrical	
340 RCB Outside D Rings		Electrical	