



# STONE & WEBSTER MICHIGAN, INC.

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EA	<i>Des</i>	DPRP
D/RA		DE
A/RA		DRMSP
RC		DRMA
PAO		SCS
SGA		ML
ENF		File <i>Des</i>

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

June 6, 1984

J.O. No. 14509  
 SWM-139

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

The Construction Implementation Overview (CIO) Weekly Report Number 50, for the period May 21, 1984 through May 25, 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)  
 NReichel, CPCo Midland (site)  
 RAWells, CPCo Midland (site)  
 JHarrison, US NRC Glen Ellyn, IL  
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Stone & Webster Michigan, Inc.  
CONSTRUCTION IMPLEMENTATION OVERVIEW

- CIO -

WEEKLY REPORT

NUMBER 50

PERIOD - May 21, 1984 through May 25, 1984

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CIO WEEKLY REPORT NUMBER 50

I. OVERVIEW

During this reporting period, CIO continued the evaluation of 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.

The principal work activity for CIO was the continuing evaluation of Phase 1 completion and readiness for Phase 2 work in Module 120D. CIO monitored work in progress on other CCP Activities.

CIO activities during the week are summarized in Section II and detailed in Section III of this report.

II. ACTIVITY SUMMARY

- A. CCP Evaluation
- B. B&W Program Evaluation
- C. CIO Action to Close Out NIRs and Items as Responses are Received.
- D. Site Meeting Summary

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

- A. In Module 120D, CIO continued the evaluation of CCP activities to determine readiness for the transition from Phase 1 to Phase 2. This includes: review of Phase 1 program and procedures for integration of results; evaluation of Phase 1 results and procedural implementation; hardware verification; and evaluation of documentation for a representative sample of hardware. CIO is

also evaluating readiness for Phase 2 work through procedure reviews, training record review, verification of the Construction Punchlist of to-go work, etc.

At the end of this reporting period, the CIO evaluation was approximately 40 percent complete. To date, 19 issues have been identified that are potential CIO Items or NIRs. Each of these require further information from CPCo or further follow-up by CIO before they are resolved or confirmed. CIO and CPCo are meeting on a daily basis to update information and keeping cognizant personnel informed of progress in completing the evaluation and resolving identified concerns. Presently CIO expects to conclude our evaluation of this Module next week.

In other areas of the CCP, CIO continued the overview of work in active modules. This consists of witnessing work in progress, monitoring activities for procedural compliance, attending working meetings and reviewing working documents.

- B. CIO reviewed the test records of two inspectors, who were examined to the B&W visual inspection criteria, and found them satisfactory.
- C. Activities related to CIO Items, Hold Points, and NIRs are summarized in Attachment A, B and C respectively.
- D. The summary of meetings attended by CIO is in Attachment D.

IV. GENERAL

A. CIO staff increased to 38 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

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

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	Item Notification Report 5/22/84	
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	Item Notification Report 5/22/84	Complete response via CSC-7756 dated 5/16/84
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		
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	Item Notification Report 5/21/84	Item Notification Report 5/23/84	Complete Response via CSC 7772 dated 5/21/84

Weekly Report No. 50  
 Attachment A  
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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 4 of 7.
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	P-5/2/84		
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	Item Notification Report 5/9/84		
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	Item Notification Report 4/25/84		



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
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	Item Notification Report 5/9/84		
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	Item Notification Report 5/9/84		
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	Item Notification Report 5/5/84		
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	Item Notification Report 5/9/84		
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
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			
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			
081	Tracked Information	Five welds in Module 800 (welds 10 and 43 on line 30"-OHBC-33 and welds 8, 71 and 23 on line 30"-OHBC-34) have been coated and determined to be inaccessible as approved by R. Wells; however, other coated welds of a similar nature after this approval were cleaned of the coating for QVP. CIO has requested resolution to this inconsistency regarding inaccessibilities since the noted five welds are easily made accessible for QVP.	Item Notification Report 5/9/84	Item Notification Report 5/22/84		Complete Response via CSC-7787 dated 5/22/84



CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
082	Track Recommendation	<p>Recommendation to the Audits and Management Systems (A&amp;MS Jackson) to meet the requirements of 10CFR50, Appendix B.</p> <ol style="list-style-type: none"> <li>1. A&amp;MS to review part audits for on and off site contractors.</li> <li>2. Review findings and expeditious closing of two open audits</li> <li>3. Use of liquid paper or correction tape for changes</li> <li>4. Some difficulty experienced in retrievability of specific audit data.</li> </ol>	Item Notification Report 5/14/84			
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			
086	Tracked Action	CIO is requesting a singular reply concerning conflicting responses from BPCo and MPQAD for NIRs 022 and 023.	Item Notification Report 5/22/84			





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.

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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
019	As documented on CIO Evaluation No. MP-MIS-082-0001, several discrepancies were identified on the FDDL.	02/29/84	03/14/84	5/24/84	QAR RA-00134 issued to track corrective action. Complete response via CSC 7776 dated 5/18/84.
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			
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			
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			
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			



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			
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 - Observed during CIO evaluation of -PQCI C-1.90	05/14/84			

STONE & WEBSTER MICHIGAN, INC.  
 CONSTRUCTION IMPLEMENTATION OVERVIEW  
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WEEKLY MEETING SUMMARY

Date	Meeting Title	Attendees	Discussion Topic	C10 Comments
May 22, 1984	Area Team Meeting	CPCo MPQAD BPCo C10	1) Release of Modules for Phase I Activities 2) Mechanical attachments to liner plate is S/A scope. 3) Update training to new requirements of training notices.	No C10 concerns identified
May 22, 1984	HRP Meeting	CPCo MPQAD BPCo C10	1) 31 Inspectors certified to PQCI-P-2.30 and 465 reinspections now completed.	No C10 concerns identified
May 22, 1984	Document Control	CPCo C10	1) Meeting concerning dispositions on C10 Items and NIRs pertaining to document control.	No C10 concerns identified
May 23, 1984	NRC Meeting	NRC C10	1) Bi-monthly meeting	No C10 concerns identified



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WEEKLY MEETING SUMMARY

Date	Meeting Title	Attendees	Discussion Topic	C10 Comments
May 25, 1984	Hanger Meeting	CPCo MPQAD BPCo C10	<ol style="list-style-type: none"> <li>1) Not all interfacing inspections are being referenced.</li> <li>2) Non-Q hangers attached to Q hangers not referenced on Q hanger drawings</li> <li>3) MLCS printout and Q commodity not in agreement as to hanger work numbers in 120D.</li> </ol>	No C10 concerns identified
May 25, 1984	Subcontract Meeting	BPCo Zack B&W Owens-Corning	<ol style="list-style-type: none"> <li>1) Contractors requested to close out existing NCRs as quickly as possible and see that they don't reoccur.</li> <li>2) Owens-Corning to revise update and make their commodity lists more accurate.</li> </ol>	No C10 concerns identified

CCP PHASE I ACTIVITY  
 May 21 - May 25, 1984

MODULE	S/A	QVP	HRP
102 East Pipeway Auxiliary Bldg. Elevation 584" to 630'	Electrical	Electrical	
120 Auxiliary Bldg. Elevation 584'		Electrical	Hangers
240 Control Tower Elevation 659'		Electrical	
340 RCB Outside D Rings	Mechanical	Electrical	
820 Diesel Generator Bldg.	Mechanical	Electrical	