

Stone & Webster Michigan, Inc.
CONSTRUCTION IMPLEMENTATION OVERVIEW

- CIO -

WEEKLY REPORT

NUMBER 46

PERIOD - April 23, 1984 through April 27, 1984

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CIO WEEKLY REPORT NUMBER 46

I. OVERVIEW

During this reporting period, Status Assessment (S/A), Quality Verification Program (QVP), Hanger Reinspection Program (HRP), and Turbine Roll activities continued. Exhibit 1 indicates the Construction Completion Program (CCP) Phase I activities that were ongoing by discipline and module.

The principal effort by CIO during this reporting period was to monitor the prerequisites for the release of Hold Point 007 for Phase II Turbine Roll activities.

Section II summarizes activities during this reporting period. Section III provides details of these activities.

II. ACTIVITY SUMMARY

- A. CCP Activity Monitoring
- B. Emergency Diesel Generator Program Follow-up
- C. Zack Program Evaluation
- D. CPCo 10CFR50, Appendix B, Program Evaluation
- E. HRP Evaluation
- F. CIO Actions to Close Out NIRs and Items as Responses are Received
- G. Site Meetings Summary

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

- A. The CCP activity in all active modules was overviewed by CIO. This overview was conducted by witnessing work in progress, attending team and subcontractor scheduling meetings, reviewing working documents and

monitoring activities for adherence to procedures.

Prerequisites for Turbine Roll were satisfactorily resolved by CPCo, including those items addressed in CIO letter SWM-099; namely, 1) address "Engineering Holds" on how S/A and QVP will be conducted going from Phase I to Phase II for these commodities, and 2) develop a total scope statement of integration for Phase I activities. CIO therefore released Hold Point 007 for Turbine Roll Phase II activities.

Activities related to CCP continue to be accomplished satisfactorily and in accordance with the requirements of procedures.

- B. Piping removal on Diesel Generators 2PEA and 2PEB is complete. Reinstallation is now scheduled to start on May 14, 1984.
- C. CIO follow-up on paperwork to complete the status of welder qualification is awaiting the criterion to be used to qualify welders. Zack qualifies to AWS D1.3 requirements but they weld in the field to AWS D9.1. The three Zack Tracked Items 065, 066, and 067 were closed this week. These items pertain to the revision of three Zack procedures, as indicated in the CIO Item Summary.
- D. CIO evaluated the CPCo Jackson office this week to 10CFR50, Appendix B. This evaluation covered Criteria I, II, III, IV, V, and XVIII and will continue until all 18 criteria are covered.
- E. CIO is monitoring the HRP. MPQAD has reinspected 162 Auxiliary Building hangers to date. Our sampling of this group has not uncovered any deficiencies to date.

F. Activities related to CIO Items, Hold Points, and NIRs are summarized in Attachments A, B, and C respectively.

G. The summary of meetings attended by CIO is in Attachment D.

IV. GENERAL

A. CIO staffing remained at 34 during this reporting period.

B. Mr. R. G. Burns, SWEC QA Manager, was onsite April 24, 1984.

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 1AKA019 (Q Tray) had punctured the cable jacket of a "Q" cable. The cable is Q-Channel A. 480V, MCC. MCR 000925 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.
046	Tracked Information	CIO requests placement on distribution for documentation and procedures pertinent to the NRC Project Commitment Tracking Program, advance notice of related meeting 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.

C10 ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
051	Tracked Action	C10 requests to be informed of meetings regarding the proposed plan of action to address deficiencies identified in MPQAD Audit Report No. PSA-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-756, 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, C10 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		
055	Tracked Information	Clarification is required regarding training requirements for area team #23/24 personnel performing status assessment of raceway completion.	Item Notification Report 2/17/84	Item Notification Report 3/15/84		Supplementary information requested by C10 (i.e., SA training matrices) provided by CPCo via CSC-7558 on 3/28/84.
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		

* CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
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		
061	Tracked Recommendation	CIO recommends that the receipt acknowledgement copy of the Bechtel transmittal form be revised to provide for a signature/date by the recipient.	Item Notification Report 3/2/84	Item Notification Report 4/10/84		BPCo to include a signature/date line on their transmittal.
062	Tracked Action	CIO has determined that status assessment is being performed on pipe supports by personnel who have not completed required training. All personnel performing hanger support status assessment should be checked to assure they are properly qualified. Any previous supports that were assessed by unqualified personnel should be reassessed.	Item Notification Report 3/6/84	Transmittal CSC-7580 4/4/84	Item Notification Report 4/23/84	BPCo response evaluated by CPCo and transmitted to CIO for acceptance.
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			

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 5 of 8.
065	Tracked Information	CIO recommends that Zack Procedure MB-FP-7C be revised to reflect the BPCo requirement that notification of addenda retirement information for BPCo documents is provided via a Subcontractor Change Notice (SCCN).	Item Notification Report 3/16/84	Item Notification Report 4/18/84	Item Notification Report 4/26/84	MB-FP-7C revised and issued 4/16/84.
066	Tracked Information	CIO recommends that Zack revise either Procedure MP-FP-18 or Procedure MP-FP-23 in order that the method used to update the welder qualification matrix be properly addressed.	Item Notification Report 3/16/84	Item Notification Report 4/18/84	Item Notification Report 4/26/84	MB-FP-23 revised and issued 4/12/84.
067	Tracked Information	CIO recommends that Zack Procedure MB-FP-5 be revised to address required actions for incomplete and damaged items.	Item Notification Report 3/20/84	Item Notification Report 4/18/84	Item Notification Report 4/26/84	MB-FP-5 revised and issued 4/16/84.

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
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			
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			
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			

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			
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			
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			
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			
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
077	Tracked Information	System Team 14 did not input CWP's into Punchlists as required by FPG-9.900.	Item Notification Report 4/23/84	CPCo Transmittal CSC-7675 - 4/25/84	Item Notification Report 4/26/84	
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			

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STONE & WEBSTER MICHIGAN, INC.
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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.

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
014	As documented on CIO Evaluation No. MP-MIS-074-0001, FPD 1.000 requirement that a copy of all transmittals for "Q" listed items be transmitted to MPQAD and the Project Supplier Quality Representative was not being satisfied.	01/27/84	04/17/84	04/24/84	QAR RT-00026 issued to track corrective action.
019	As documented on CIO Evaluation No. MP-MIS-082-0001, several discrepancies were identified on the FDDL.	02/29/84	03/14/84		QAR RA-00134 issued to track corrective action.
020	As documented on CIO Evaluation No. MP-MIS-082-0001, 4 out of 25 Distribution Change Request Forms were not properly signed in violation of FPZ-1.000.	03/02/84	03/14/84		QAR RA-00135 issued to track corrective action.
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			

CIO NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

No.	Description	Issue Date	Response Date	Closure Date	Remarks
024	At Document Control Station 501, CIO reviewed 200 out of 5533 drawings. A total of 13 discrepancies were identified, as described in the NIR.	03/23/84			
025	At Work Print Station 219, CIO found four additional discrepant areas at completion of evaluations.	04/03/84			
026	At Work Print Station 309, four documents were found by CIO to be discrepant.	04/03/84			
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			
028	Response to NIR 015 was not accepted by CIO. Requirements for making corrections to QA records should be proceduralized.	04/09/84	04/19/84		Corrective action performed via QAR RT-00032.
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			

CIO NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

No.	Description	Issue Date	Response Date	Closure Date	Remarks
030	BPCo ASME III Manual states that the PQAE shall assure that items are procured only from acceptable manufacturers. POs 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			
031	CIO reviewed nine verification inspection reports for PQCI C-1.40. Discrepancies were found in all nine IRs.	04/20/84			

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WEEKLY MEETING SUMMARY

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
April 24, 1984	Team Meeting	CPCo MPQAD BPCo CIO	1) Necessity to expedite drawings 2) Support activities for Turbine Roll 3) New inspection procedure for structural steel to be issued	No CIO concerns identified
April 26, 1984	Team Meeting	CPCo MPQAD BPCo CIO	Management review package to be prepared for Module 120D for Phase II work.	No CIO concerns identified
April 26, 1984	CIO Activities	CIO Continental Illinois Bank First National Bank of Chicago	CIO activities at Midland Power Plant	No CIO concerns identified
April 27, 1984	TDI Emergency Diesel Generators	CPCo MPQAD BPCo CIO	Teardown and inspection by owner's group of TDI Emergency Diesel Generators	No CIO concerns identified

WEEKLY MEETING SUMMARY - CONTINUATION SHEET

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
April 27, 1984	Document Control	BPCo MPQAD CIO	1) Discussion on long- and short-term corrective action for document control 2) Resolution of CIO NIRs on document control	No CIO concerns identified
April 27, 1984	Subcontractor Meeting	BPCo B&W Zack Owens Corning Transco Grinnell CIO	Contractors are to resubmit updated schedules to delete inconsistencies and legends that do not agree with charts.	No CIO concerns identified

CCP PHASE I ACTIVITY

April 23 - April 27, 1984

MODULE	S/A	QVP	HRP
102 East Auxiliary Bldg Pipeway to Eleva- tion 630	Electrical Mechanical Instrumentation	Cable Terminations	Hangers
120 Auxiliary Building Elevation 584	Electrical Mechanical Instrumentation	Electrical	
140 Auxiliary Building Elevation 614			Hangers
130 Auxiliary Building Elevation 599			Hangers
120 Auxiliary Building Elevation 568			Hangers
240 Control Room Elevation 659	Electrical Structural Steel		
340 RCB except inside D rings & reactor cavity	Electrical Instrumentation Mechanical	Coatings	
800 Service Water Pump House	Electrical Concrete		
820 Diesel Generator Building	Electrical Mechanical Instrumentation		