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June 22, 1984

J.O. No. 14509
SWM-158

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

Docket No. 50-329/330
CIO Weekly Report No. 53
Construction Implementation Overview
Midland Nuclear Power Plant

The Construction Implementation Overview (CIO) Weekly Report Number 53, for the period June 11, 1984 through June 15, 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)
NIReichel, CPCo Midland (site)
RAWells, CPCo Midland (site)
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Stone & Webster Michigan, Inc.
CONSTRUCTION IMPLEMENTATION OVERVIEW

- CIO -

WEEKLY REPORT

NUMBER 53

PERIOD -June 11, 1984 through June 15, 1984

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CIO WEEKLY REPORT NUMBER 53

I. 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 principle work activity for CIO was the updating and completion of checklists and the gathering of drawings and material necessary to prepare for the next CPCo milestones in Module 240A and portions of the Feedwater and Auxiliary Feedwater systems.

II. ACTIVITY SUMMARY

- A. CCP Evaluation
- B. CPCo 10CFR50, Appendix B
- C. Allegation Review
- D. CIO Actions to Close Out Items and NIRs as Responses are Received
- E. Site Meeting Summary

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

- A. CIO has requested and received the hanger drawings for Systems 2AEA-3 (Feedwater) and 2 ALA-2 (Auxiliary Feedwater) and have requested a list of turnover exceptions, the construction punchlist, commodity list, etc. for the above systems. CIO has also received the commodity list for Module 240A. This module and these two partial systems are the next milestones in the CPCo schedule.

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. The CIO evaluation of the CPCo Program to comply with 10CFR50, Appendix B has been completed this week. An exit review meeting is scheduled for next week after consolidation of information and evaluation of overall results.
- C. As a follow-on to the allegation reported in CIO Report Number 52, BPCo has been requested by CPCo to review the use of weldcrete on this project and respond in two weeks.
- D. Activities related to CIO Items, Hold Points and NIRs are summarized in Attachment A, B. and C respectively.
- E. The summary of meetings attended by CIO is in Attachment D.

IV. GENERAL

CIO staff remained at 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

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	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	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. 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 Notification Report 2/16/84	Item Notification 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	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 5/02/84 (P) 5/31/84 (C) & 6/12/84 (C)		Complete response via CSC 7825 and CSC-7877
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		Complete response via CSC-7683

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	Item Notification Report 6/12/84	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 (P) 6/01/84 (C)		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	Item Notification Report 6/12/84 (C)		Complete response via CSC-7880



CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
089	Tracked Action	CIO 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			



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
 MIDLAND NUCLEAR COGENERATION PLANT

NONCONFORMANCE IDENTIFICATION REPORT SUMMARY

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

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		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-61832(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
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			

CIO NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

No.	Description	Issue Date	Response Date	Closure Date	Remarks
034	Nonconforming conditions were identified during CIO verification of hardware for QVP and Status Assessment of Module 120D	6-7-84	6/08/84 (P) 6/15/84 (C)		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	6/08/84 (P) 6/15/84 (C)		Information transmitted CSC-7866 Ref. SWM-140 QAR-RT-00038-V initiated to address Complete response via CSC-7896
036	Nonconforming conditions were identified during CIO verification of Programs/Procedures for QVP and Status Assessment of Module 120D.	6-7-84	6/08/84 (P) 6/15/84 (C)		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 require-	6/13/84			



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

WEEKLY MEETING SUMMARY

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
6/11/84	RCS Welding	CPCo MPQAD B&W CIO	1) UT examination of R.C.S. piping for ISI	CIO to review
6/11/84 6/13/84	Team Meeting	CPCo MPQAD BPCo CIO	1) Program for the Installation of Q doors 2) S/A complete except for electrical paperwork in Module 820D in Diesel Generator Building. 3) Work necessary to upgrade the Diesel generator silencers to Q.	No CIO concerns identified
6/12/84	Area Team Meeting	CPCo MPQAD BPCo CIO	1) Update of area turnover schedules to support Phase 2 activities. 2) Access to Turbine Building and Control Room restricted for Turbine Roll activities.	No CIO concerns identified.
6/14/84	HVAC	CPCo BPCo Zack CIO	1) Welding material requirements on duct work.	CIO to review.

WEEKLY MEETING SUMMARY - CONTINUATION SHEET

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
6/14/84	Space Control Program	BPCo CIO	1) Project Engineering procedure for Space Control Program	CIO to review.
6/15/84	Subcontractors	BPCo B&W Zack Owens-Corning CIO	1) B&W working on punchlist items on RCS and R.C Pump Seal Injection Piping. 2) Owens Corning working on work sequence problems.	No CIO concerns identified.

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