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017-3

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

May 21, 1984

J.O. No. 14509
 SWM-122

Docket No. 50-329/330
 CIO Weekly Report No. 48
 Construction Implementation Overview
 Midland Nuclear Power Plant

The Construction Implementation Overview (CIO) Weekly Report Number 48, for the period May 7, 1984 through May 11, 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)
 - JJHarrison, US NRC Glen Ellyn, IL
 - RJCook, US NRC Midland (site)
 - Public Document Room

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Stone & Webster Michigan, Inc.
CONSTRUCTION IMPLEMENTATION OVERVIEW

- CIO -

WEEKLY REPORT

NUMBER 48

PERIOD - May 7, 1984 through May 11, 1984

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CIO WEEKLY REPORT NUMBER 48

I. OVERVIEW

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

The ongoing assessment of the CCP Phase I activities and the Phase II activities for Turbine Roll are the principal effort for CIO during this reporting period.

A summarization of activities performed during this reporting period appears in Section II. Section III provides the detail for these activities.

II. ACTIVITY SUMMARY

- A. CCP Activities Monitored
- B. CPCo 10CFR50, Appendix B, Assessment
- C. B&W Program Evaluation
- D. CIO Action to Close Out NIRs and Items as Responses are Received
- E. Site Meeting Summary

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

- A. CIO overviewed activities under the CCP active modules. This overview consisted of attendance at team and subcontractor scheduling meetings, witnessing ongoing work, monitoring activities for adherence to procedures and reviewing working documents.

CIO began preparation of the scope of our assessment of module 120D. This module is one room in the Auxiliary Building and the next to be requested by CPCo for transition from CCP Phase I to Phase II. This module will also be used by CIO to assess the integrated program for proceeding from Phase I to Phase II. "Q" hardware will be verified for location, orientation and configuration against the applicable documents and a document review will be made on a selected sample of this hardware.

CIO is monitoring the HRP Program in the active modules. Fifty-nine hangers were reinspected in the Auxiliary and Reactor Containment Buildings during this reporting period. No deficiencies have been uncovered in our sampling of this group to date. CCP activities continue to be accomplished satisfactorily and in accordance with procedural requirements.

- B. The CIO assessment of the CPCo 10CFR50, Appendix B, programs continues with Criteria I-VIII, XII-XIV, and XVIII, having been assessed to date. No major problems have been observed by CIO.
- C. As a result of CIO expressed concerns, Babcock & Wilcox (B&W) has imposed a "stop work" order on themselves due to weld inspectors not having visual inspection qualification. B&W is to issue an NDE and a qualification procedure. CIO will monitor to assure that the procedures and material integrity are adequately addressed.
- D. Activities related to CIO Items, Hold Points, and NIRs are summarized in Attachments A, B, and C respectively.

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

IV. GENERAL

A. CIO staffing was increased to 36 during this period.

B. Mr. R. G. Burns, Stone & Webster Corporate QA Manager, was on site May 8-10, 1984.

C. The NRC-CIO monthly public meeting was held on May 10, 1984.

V. ATTACHMENTS

A. CIO Item Summary

B. CIO Hold Points 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.


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 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
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		
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	Item Notification Report 5/10/84	Supplementary information requested by CIO (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 acknowledgment 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	Item Notification Report 5/10/84	BPCo to include a signature/date line on their transmittal. 
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			
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.

Weekly Report No. 48
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.	Classifi- cation	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 Notifi- cation 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 Notifi- cation Report 4/10/84	Item Notifi- cation Report 5/9/84		
071	Tracked Infor- mation	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 Notifi- cation Report 4/11/84	Item Notifi- cation Report 4/25/84		

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	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			



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.

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
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			
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			

CIO NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

No.	Description	Issue Date	Response Date	Closure Date	Remarks
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			
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			
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			



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

WEEKLY MEETING SUMMARY

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
May 7, 1984	CIO/Soils Interface Meeting	CPCo MPQAD CIO	Discussion on interface between CIO and soils as commodities are uncovered by underpinning work.	No CIO concerns identified
May 7, 1984	QVP Personnel	MPQAD CIO	Meeting on Personnel to be contacted for QVP coverage.	No CIO concerns identified
May 7, 1984	Area Team Meeting	CPCo MPQAD BPCo CIO	Support of Turbine Roll activities	No CIO concerns identified
May 9, 1984	NCR Routing Cycle	NRC CPCo MPQAD CIO	Discussion on the routing cycle of NCRs from subcontractors	No CIO concerns identified
May 9, 1984	Team Meeting	CPCo BPCo MPQAD CIO	S/A on electrical attachment to the RCB liner plate.	No CIO concerns identified

WEEKLY MEETING SUMMARY - CONTINUATION SHEET

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
May 9, 1984 May 11, 1984	Document Control	MPQAD CIO	1) Discussions on QARs that answer NIRs 022-027 2) Receiving copies of QVP Documentation for Module 120D.	No CIO concerns identified
May 10, 1984	Team Meeting	CPCo BPCo MPQAD CIO	1) QVP scheduled to start in module 240 (Control Room)	No CIO concerns identified
May 10, 1984	NRC Public Meeting	CPCo NRC CIO	The monthly public meeting held in CPCo office in Midland, Michigan.	No CIO concerns identified

MODULE	S/A	QVP	HRP
102 East Pipeway Auxiliary Bldg. Elevation 584' to 630'		Electrical	Hangers
110 Auxiliary Bldg. Elevation 568'			Hangers
120 Auxiliary Bldg. Elevation 584'	Mechanical Instrumentation Electrical	Electrical	Hangers
150 Auxiliary Bldg. Elevation 634'	Electrical		
160 Auxiliary Bldg. Elevation 645'	Electrical		
240 Control Tower Elevation 659'	Electrical		
310 RCB Fuel Pool			Hangers
330 RCB South D Ring	Mechanical		Hangers
340 RCB Outside D Rings	Mechanical Electrical	Electrical Coatings	Hangers
800 Serv. wtr. Pump House	Mechanical Electrical	Mechanical Electrical	
820 Diesel Generator- Bldg.	Electrical		