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

April 6, 1984

J.O. No. 14509
SWM-070

Docket No. 50-329/330
CIO Weekly Report No. 42
Construction Implementation Overview
Midland Nuclear Power Plant

The Construction Implementation Overview (CIO) Weekly Report Number 42, for the period March 26, 1984 through March 30, 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:NL

cc:
DLQuamme, CPCo Midland (site)
NIReichel, CPCo Midland (site)
RAWells, CPCo Midland (site)
JJHarrison, US NRC Glen Ellyn, IL
RJCook, US NRC Midland (site)
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Stone & Webster Michigan, Inc.

CONSTRUCTION IMPLEMENTATION OVERVIEW

- CIO -

WEEKLY REPORT

NUMBER 42

PERIOD - March 26, 1984 through March 30, 1984

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CIO REPORT NUMBER 42

I. OVERVIEW

During this reporting period, Status Assessment (S/A), Quality Verification Program (QVP), and the Hanger Reinspection Program (HRP) continued. Exhibit 1 indicates the activities by discipline and module being followed for S/A, QVP, HRP and Turbine Roll.

Phase I activities of the Construction Completion Program (CCP) continue to be the principal effort of CIO. The number of modules released did not increase during this period. CCP activities continue to be performed in a satisfactory manner with some deficiencies noted in Section III.

Our evaluation effort on document control is basically complete and will be reported in next week's report. Activities involving Zack, Transamerica DeLaval Inc., and Status Assessment clarifying memos are further summarized and detailed in Sections II and III of this report.

II. ACTIVITY SUMMARY

- A. CCP Activity Monitoring
- B. Document Control Evaluations
- C. Diesel Generator Program Followup
- D. NRC Commitment list Followup
- E. Training Program Evaluation
- F. Zack Weld Evaluation
- G. Status Assessment Clarifying Memos
- H. Attendance at Various Site Meetings

I. CIO Action to Close Out Items and NIR's as Responses are Received

III. ACTIVITY DETAILS

- A. CIO overviewed the CCP activities in all released modules during this reporting period. This review encompassed planning efforts, witnessing work in progress, checking user document stations and packages, and the evaluation of PQCI's.

CIO continues to follow the program integration efforts of CPCo and BPCo on how they plan to progress from Phase I to Phase II to turnover of systems or portions of systems to operations for startup of the Unit 2.

The personnel performing CCP activities continue to perform these activities in a satisfactory manner.

- B. CIO is in the final review process of releasing the document control program and the drawings to the five stations being prepared for use as reported in Weekly Report Number 41. Discrepancies found will be reported by April 6, 1984.

- C. In the CIO evaluation of the diesel generator piping and hanger installation, PQCI P-2.11, a discrepancy was identified in the purchasing and receiving of ASME material from sources not on the ASME Evaluation Supplier Listing (ESL) by Transamerica DeLaval Inc.

- ° Purchasing of ASME material (for ASME application) from a non-ASME supplier

- Receiving reporting purchase order violations on memorandum to Purchasing Department instead of an NCR
- D. The consolidation of NRC commitments into the Correspondence and Commitment Management System by CPCo Licensing continues satisfactorily.
- E. CIO attended and evaluated the following training classes:
- Installation of Field Mounted Instruments, Specifications J-218 and J-219
 - CCP Orientation
- The training was conducted in an effective manner and in accordance with Procedure FPG-2.000 (Re: Checklists MP-MIS-035E-024 and 023).
- F. The Zack welding program appears to be working satisfactorily. They are in the process of revising their procedures to preclude the possibility of installing material that will interfere with the CCP.
- G. Interoffice memoranda used to clarify the status assessment process, being issued by BPCo, have not been cleared from any specific single point for logging, tracking or review. CIO is concerned that this lack of control will lead to problems with consistency, redundancy, and possible changes to procedure requirements.
- H. The summary of meetings attended by CIO is in Attachment D.
- I. Activities related to CIO Items, Hold Points and NIR's are summarized

in Attachments A, B and C respectively.


IV. GENERAL

- A. CIO staffing remained at 33 during this reporting 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
030	Tracked Action	Need to review Vendor Equipment Verification Program - MPQAD/SMO	Report No. 5 7/18/83			
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. NCR 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		Ref. CPCo letter CSM-0719 1/16/84

CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
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.
049	Tracked Information	A CIO review of document control methods resulted in the following observations: (1) Some uncontrolled specs contained controlled copies of FCRs, FCNs and SCNs; (2) Controlled documents are being "decontrolled" via a line-out method which is not procedurallized; and (3) CPCo DCC personnel are unaware of the Bechtel Ann Arbor method of identifying document transmittals as either controlled or uncontrolled.	Item Notification Report 1/26/84	Item Notification Report 2/3/84		CIO awaiting completion of CPCo corrective action.
051	Tracked Action	CIO requests to be informed of meetings regarding the proposed plan of action to address deficiencies identified in MPQAD Audit Report No. MSA-83-7 as well as a copy of the proposed plan one week prior to its implementation.	Item Notification Report 2/3/84			Partial response provided via CSC-7423 dated 3/6/84. CIO awaiting further CPCo action.
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		

CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
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 CIO (i.e., SA training matrices) provided by CPCo via CSC-7558 on 3/28/84.
058	Tracked Information	CPCo should review past audits to assure that applicable 10CFR50, Appendix B criteria were adequately addressed.	Item Notification Report 2/18/84	Item Notification Report 3/13/84		
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		
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			

CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
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			CPCo has requested BPCo (Ref. CSC-7424 dated 3/7/84) to perform corrective action and respond by 3/12/84.
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			
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		

CIO ITEM SUMMARY - CONTINUATION SHEET


No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
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			Partial response to Items 065, 066 & 067 provided in BPCo letter BCCC-9193 transmitted to CIO on 3/30/84. Revisions to MB-FP-5 and MB-FP-7C should be approved by 4/6/84. Revision to MB-FP-23 should be approved by 4/20/84.
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			
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			
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			

C10 ITEM SUMMARY - CONTINUATION SHEET

No.	Classifi- cation	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
069	Untracked	C10 recommends that, prior to the scheduled ASME survey, ASME be informed that MPQAD personnel would perform QA/QC functions for ASME work on the diesel generator installation using MPQAD PQCI's under the operational direction of BPCo as the N type certificate holder.	Item Notifi- cation Report 3/26/84	Item Notifi- cation Report 3/29/84	N/A	CPCo concludes that this arrangement is adequately described in the Bechtel QA Manual.

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
005	CPCo has committed to develop a Vendor Equipment Verification Program. Program is required before implementation of Phase II.	Report No. 18 10/17/83			
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			
015	CIO has requested that the requirements for the exclusive use of chromel-alumel thermocouples and extension wires for PWHT and certification of the accuracy of the thermocouples via a C of C be reinstated in PQCI PW-1.00. Release is contingent upon CIO review and acceptance of the calibration certification.	Hold Point Notification Report 2/1/84	Hold Point Notification Report 2/10/84		

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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

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			
015	In violation of PSP G-7.1, correction fluid was used on MPQAD Audit Report No. M01-346-02.	02/17/84			
016	Contrary to their MPQAD Procedure F-1M definitions, "nonconformances" were documented as "observations" in Audit No. M01-346-02.	02/17/84			
017	The recommended corrective action for Audit finding 01F, Audit No. M01-346-02 was not implemented, yet the audit was closed out.	02/17/84			
019	As documented on CIO Evaluation No. MP-MIS-082-0001, several discrepancies were identified on the FDDL.	02/29/84			
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			

CIO NONCONFORMANCE IDENTIFICATION REPORT SUMMARY - CONTINUATION SHEET

No.	Description	Issue Date	Response Date	Closure Date	Remarks
021	During a resampling/evaluation of the Construction Training Matrix in conjunction with the closure of NIR 008, two nonconformances were identified regarding requirements for training to BPCo field procedures.	03/12/84			Corrective action was initiated at the time of the evaluation in the form of changes to the appropriate matrices.
022	At work Print Station 219, CIO reviewed 80 out of 1116 documents. 20 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. 23 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			

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CONSTRUCTION IMPLEMENTATION OVERVIEW
MIDLAND NUCLEAR COGENERATION PLANT

WEEKLY MEETING SUMMARY

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
March 26, 1984	CCP Program Audit	MPQAD CIO	1) Information desired by CIO from Jackson	No CIO concerns identified.
"	Status Assessment Activities	CPCo BPCo CIO	1) Requesting future issues of Construction and Engineering Memos used to clarify status assessment activities	CIO continuing to follow this topic.
"	HVAC Installation Procedures	Zack CIO	1) Procedures to be modified to forestall installing anything that may interfere with CCP	No CIO concerns identified.
March 27, 1984	Document Control Concerns	NRC CIO	1) Discussed NIRs 022, 023 and 024 with NRC	CIO continuing to follow this topic.
"	MPQAD Schedule	MPQAD CIO	1) Informal presentation of MPQAD schedules for S/A, QVP, and construction support to be forwarded to CIO 3/30/84	No CIO concerns identified.
"	HRP Status Meeting	MPQAD CIO	1) All hangers affecting Turbine Roll have been destatused and PQCI C-1.52-5 will be ready for signature 3/28/84	No CIO concerns identified.

WEEKLY MEETING SUMMARY - CONTINUATION SHEET

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
March 27, March 28, and March 29, 1984	Team Meetings	CPCo MPQAD BPCo CIO	<ol style="list-style-type: none"> 1) Need to expedite receipt of drawings from Ann Arbor 2) Release for "Q" Turbine Roll work 4/4/84 3) S/A of conduit/supports in Modules 340, 800 and 102 4) Training Exception Report to give status of training qualifications for personnel on S/A 5) Obtain number of Q hangers each team will S/A in the priority modules 6) Continuing update of MLCS 7) S/A of mechanical, electrical and instrumentation in Modules 340, 120 and 102 	No CIO concerns identified.
March 30, 1984	Document Control Concerns	NRC CIO	<ol style="list-style-type: none"> 1) General concerns about problems observed in field document control stations and registers 	CIO is evaluating and will report findings week of 4/2/84.
"	QVP Assessment	MPQAD CIO	<ol style="list-style-type: none"> 1) Items made inaccessible by installation of pipe hangers 2) NCR written on rusting of installed unistrut 3) Procedure N-12 in review and approval cycle 	No CIO concerns identified.

March 26 - March 30, 1984

MODULE	S/A	QVP	HRP **
102 East Pipeway to Elevation 630	Hangers Mechanical I & C Electrical	Electrical	Mechanical
120 Auxiliary Building Elevation 584	Mechanical I & C		Mechanical
* 180 Auxiliary Building Elevation 704 & above			
200 Control Tower & Electrical Penetrations			
340	Mechanical I & C Electrical	Electrical Architectural Civil	
410 Turbine Building Elevation 614			
* 420 Turbine Building Elevation 634			
* 430 Turbine Building Elevation 659			
* 620 Turbine Building Elevation 634			
* 630 Turbine Building Elevation 659			
800 Service Water Pump House	Electrical	Civil Electrical	

*Released for partial systems only

**HRP is also active in
modules 130, 140 and 150