

Stone & Webster Michigan, Inc.
CONSTRUCTION IMPLEMENTATION OVERVIEW

- CIO -

WEEKLY REPORT

NUMBER 37

PERIOD - February 20, 1984 through February 24, 1984

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CIO REPORT NUMBER 37

I. OVERVIEW

During this reporting period, Status Assessment (S/A) and Quality Verification Program (QVP) activity continued at approximately the same level as last week.

In Module 340 (Reactor Building), S/A was ongoing for pipe whip restraints, mechanical, electrical and instrumentation. QVP activities were ongoing for electrical penetrations and miscellaneous 'Q' coatings.

In Module 102 (East Pipeway to Elevation 630), S/A was in progress for mechanical, electrical, instrumentation and pipe whip restraints. No QVP activity was in progress in this module during this period.

In Module 120 (Auxiliary Building Elevation 584), S/A was in progress for penetrations, concrete and block walls, mechanical, electrical, instrumentation and pipe whip restraints. There was no QVP activity in this module for this reporting period.

In Module 410 (Turbine Building Elevation 614), CPCo had previously reported (CIO Report Number 36) ~~that S/A was complete since all 'Q' commodities appeared on closed QC inspection records. CIO verified this to be correct and will discontinue further reporting on S/A in this module.~~ There was no QVP activity during this reporting period.

In Module 800 (Service Water Pump House), S/A was initiated on structural steel, penetrations, concrete and block walls. QVP

activity also started covering instrumentation, welding, terminations, conduit and conduit supports, equipment installation and miscellaneous 'Q' coatings.

CIO continued to monitor preparations for and conduct of S/A and QVP activity. These continue to be performed satisfactorily.

Other CIO activities during this period included:

- ° Subcontractor Document Control Evaluation
- ° Spatial Systems Interaction Program (SSIP) Review
- ° Training Record Review
- ° Training Program Evaluation
- ° Field Document Control Center (FDCC) Monitoring
- ° Attendance at Various Site Meetings
- ° CIO Actions to Close Open Items and NIR's as Responses are Received

II. ACTIVITY SUMMARY

- A. CCP Activity Monitoring
- B. Subcontractor Document Control Evaluation
- C. SSIP Review
- D. Training Record Review
- E. Training Program Evaluation
- F. FCR/FCN Monitoring

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

- A. CIO monitoring of S/A and QVP activity during this period included the overview of preparatory action to begin work in

Module 800 and monitoring of work in progress in all active modules. As part of the assessment, documents were verified, personnel qualifications were checked, work activity was witnessed and resultant documentation was reviewed. CCF activity observed by CIO during this period continues to be performed satisfactorily and in accordance with procedures.

Additionally, CIO had been informed that a revision to MPQAD Procedure E-3M, "Preparation and Approval of Project Quality Control Instructions" was to be issued which would require an updated revision of all active PQCI's prior to March 7, 1984. CIO reviewed the revision in order to evaluate the impact on previous work. From this review, it was determined that the revision was made to provide new inspection report forms which would simplify computer data base input and status keeping. No changes were made which would alter basic procedure requirements or impact work performed to date.

- B. CIO conducted an evaluation of BPCo subcontractor document control procedures and practices. The evaluation was conducted utilizing procedures numbered FPZ-1.000, "Subcontracts Department Document Distribution Procedure", and FPD-3.000, "Field Work Prints", which govern the distribution and control of documents issued to BPCo subcontractors. Based on this evaluation, CIO concluded that the procedures in use were adequate to control the process. One recommendation was made regarding the present transmittal form used to send documents to subcontractors. CIO

suggested that consideration be given to requiring signature receipt acknowledgement for documents transmitted in addition to the current requirement which is the return of the form without the signature of the recipient. This will be forwarded to CPCo as a CIO recommendation. It is not considered to be significant. In evaluating procedure compliance, CIO found that, with two minor discrepancies, personnel were following the procedure satisfactorily. The discrepancies noted were isolated instances which pertained to obtaining required signatures on document change request forms and maintenance of the Field Document Distribution List (FDDL). These will be documented on NIR's for corrective action. Overall, CIO's conclusion is the subcontractor document distribution and control is proceeding satisfactorily. (Re: Checklist Number MP-MIS-082).

- C. Mark Technology Corporation (MTC) provided CIO the information requested regarding the SSIP Program and procedures. CIO has reviewed the material and will meet with MTC during the week of March 5, 1984 to discuss and resolve CIO questions.
- D. CIO reviewed CPCo's response to NIR-018 which documented discrepancies in BPCo non-manual training records. CIO then conducted a second sampling inspection of the records. Both the NIR response and the inspection results were satisfactory and CIO closed NIR-018 (Re: Checklist Number MP-MIS-034E). Also, during this review it was determined that clarification was required

regarding training necessary for, and received by, personnel who will be performing status assessment of raceways. This was issued as CIO Item Number 055.

CIO also performed a sampling inspection of training records representing 656 MPQAD personnel. During this inspection, CIO verified personnel certifications, qualification statements, education and experience, training records, supervisory evaluations and other required documentation. Several minor discrepancies were noted during the inspection which included legibility of signatures and dates omitted on records. These represented less than one percent of the population and were satisfactorily corrected during the inspection. CIO concluded that the results of this assessment showed satisfactory performance.

E. CIO attended and evaluated the following training class:

- ° INSTALLATION AND TESTING OF EXPANSION ANCHORS
(PQCI Number C-1.50)

The class was conducted in an effective manner and in accordance with Procedures B-2M, B-3M and B-3M-1 (Re: Checklist Number MP-MIS-008E).

During this evaluation, CIO identified two areas of concern. The first related to the revision level of documents referred to in the lesson plan. A specification was referenced in the lesson plan as Revision 11 when Revision 12 was current and the lesson plan did not address a

Specification Change Notice which had been issued to revise spacing criteria covered in the training class. The second related to the evaluation of trainers. CIO was informed that, in the future, evaluation of trainers may not take place until a substantial number of classes have been taught. Since this evaluation is part of the trainer's "approval to instruct", CIO recommended that it be conducted no later than the first class taught. These two concerns have been forwarded to CPCo as CIO Items numbered 056 and 057.

- F. CIO continued monitoring field activities related to the control of FCR/FCN's. Field (user) control of these documents continues to be satisfactory (Re: Checklist Number MP-MIS-041).

CIO was informed that the Field Document Control Center (FDCC) is making preparations to reestablish five to seven field document distribution stations. CIO will continue to monitor progress and will verify each station's documents (on a sample basis) prior to reactivation.

IV. GENERAL


- A. Although not directly related to CCP activity, CIO personnel accompanied CPCo personnel on a walkdown of two rooms in the Health Physics Laboratory preparatory to turnover from BPCo to CPCo. The walkdown was thorough, professionally conducted and effective.

- B. CIO Staffing increased to 33 during this reporting period. The resume and affidavit of the new staff member will be forwarded to the NRC under separate cover.

V. ATTACHMENTS

- A. - CIO Item Summary
- B. - CIO Hold Point Summary
- C. - CIO NIR Summary
- D. - Meeting Summary

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- 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			
034	Tracked Action	NIR 008 issued on November 10, 1983 to address upgrading five training level codes in the System Team Training Matrix.	Report No. 22 11/14/83			
035	Tracked Action	CIO observed that dielectric isolation spacers for galvanic protection of copper pipe to galvanized steel pipe supports were missing in some areas on the Small Bore (Instrument Air) KAC System, drawing FSK-J-30-022 Rev. 2, Rev. 7.	Report No. 22 11/14/83	CPCo Transmittal CSC-7267 2/14/84		The hardware part of this item was referred to CPCo. CIO is holding the item open pending receipt of CPCo information on use of memos to direct work.
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.

C10 ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
043	Tracked Action	C10 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). C10 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
046	Tracked Information	C10 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.
048	Tracked Action	Corrective action needed to rectify an inconsistency between anchor bolt specifications C-305 and C-306.	Item Notification Report 1/18/84	Item Notification Report 2/7/84		BPCo response via letter BCCC-8987, dated 2/6/84. C10 awaiting SCN 14001 to Spec C-306.
049	Tracked Information	A C10 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 proceduralized; and	Item Notification Report 1/26/84	Item Notification Report 2/3/84		C10 awaiting completion of CPCo corrective action.

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			
056	Tracked Information	During a training evaluation for PQCI C-1.50 CIO observed discrepancies in the lesson plan. CIO requests a review to determine what impact these items have on the training provided. CIO further requests information on how MPQAD assures that document changes are referenced on the lesson plan.	Item Notification Report 2/17/84			
057	Tracked Recommendation	CIO recommends that trainer evaluation be performed no later than that trainer's first training class taught, since this evaluation is used in approving the trainer to instruct.	Item Notification Report 2/17/84			
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			
059	Tracked Information	CPCo should review audits performed prior to June 1983 to assure adequacy of auditing, proper close out, 10CFR50 Appendix B compliance, and objective evidence as to adequacy of the audits.	Item Notification Report 2/18/84			

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 Certificate Records.	Item Notification Report 2/17/84			

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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			
010	NIR 008 has been issued on November 10, 1983 to address upgrading five items in the System Team Training Matrix of the Construction Training Program. Corrective action must be completed before any walkdown assessments can be performed by the personnel involved in these training activities.	Report No. 22 11/14/83			
015	C10 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 C10 review and acceptance of the calibration certification.	Hold Point Notification Report 2/1/84			

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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
008	Need to upgrade five training level codes in the System Team Training Matrix.	11/10/83			
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 PSPG-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			
018	In violation of FPG-2.000, Rev. 7, reading record entries for one individual omitted revision numbers for all documents listed on the forms.	02/21/84	02/24/84		Response via QAR RT-00029

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WEEKLY MEETING SUMMARY

Date	Meeting Title	Attendees	Discussion Topic	CIO Comments
Feb. 21, 1984	Area Team Staff Meeting	CPCo MPQAD BPCo CIO	<ol style="list-style-type: none"> 1) Completion of training is a high priority item. 2) Revision 3 of Training Matrix is effective 3-8-84. 	No CIO concerns identified.
Feb. 22, Feb. 23, and Feb. 24, 1984	Team Meetings	CPCo MPQAD BPCo CIO	<ol style="list-style-type: none"> 1) Training continues to conform to FPG-2.000, Rev. 3. 2) Project generated documents must be processed through FDCC prior to Field use. 3) Review of B&W progress. 	No CIO concerns identified.
Feb. 24, 1984	Subcontracts Meeting	CPCo BPCo B&W Zack CIO	<p>B&W - All NCR's for Unit 2 should be worked off by 3-9-84.</p> <p>- Released to begin reinspection on 2-24-84.</p> <p>Zack - Concentrating on shop and hangers.</p> <p>- 'Q' work will begin in about 2 weeks.</p> <p>- Control Room status will be provided next week.</p>	No CIO concerns identified.
Feb. 24, 1984	QVP Status Meeting	MPQAD CIO	<ol style="list-style-type: none"> 1) Liner plate in module 340 being cleaned for QVP. 2) Expecting further verification activity in Module 340 after cleaning. 	No CIO concerns identified.

CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
049	(Con't)	(3) CPCo DCC personnel are unaware of the Bechtel Ann Arbor method of identifying document transmittals as either controlled or uncontrolled.				
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			
052	Tracked Information	CIO requests copies of audit reports for audits performed by the NRC, CPCo and BPCo of site activities/organizations which addressed Criteria XVIII of 10CFR50 Appendix B.	Item Notification Report 2/3/84			
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 teams' scope and their working schedule.	Item Notification Report 2/16/84			
054	Tracked Information	CIO requests to be put on controlled distribution for the following Mark Technologies documents: QA Manual, Quality Plan, Procedures, Target List and all walkdown Summaries.	Item Notification Report 2/16/84			