



STONE & WEBSTER MICHIGAN, INC.

P.O. Box 2325, BOSTON, MASSACHUSETTS 02107

PRINCIPAL STAFF			
RA	ENF		
D/RA	SCS		3
A/RA	PAO		
DPRP	SLO		
DRMA	RC		
DRMSP			
DE			
ML			
OL	FILE		

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

September 6, 1983
J. O. No. 14509
NRC File 83-09-06

RE: DOCKET NO. 50-329/330
MIDLAND PLANT - UNITS 1 AND 2
OVERVIEW OF THE CONSTRUCTION COMPLETION PROGRAM
REPORT NO. 12

A copy of the Construction Implementation Overview Report No. 12 for the period August 29, 1983 through September 2, 1983 is enclosed with this letter. There were no scheduled Management CCP meetings during this period. Evaluations of CCP activities and status of CIO program development is attached.

Very truly yours,

S.W. Baranow
Program Manager

Enclosure

SWB/ka

cc: JHarrison, US NRC, Glen Ellyn, IL
RCook, US NRC Midland (site)
DBMiller Jr., CPCo Midland (site)
RBKelly, S&W
APAmoruso, S&W
CORichardson, S&W

Report No. 12

August 29, 1983 through September 2, 1983

Personnel on Site

Stone & Webster Michigan, Inc.

S. Baranow	A. Smith
J. Thompson	J. Barr
W. Sienkiewicz	J. Langston
R. Scallan	C. Larsen (temporary)

ACTIVITIES

1. Training

CIO attended and evaluated construction training classes conducted on August 29, 30 and 31, 1983. The evaluation of the training was considered to be satisfactory and was in compliance with the requirements of FPG 2.000 "Training of Construction Personnel."

Training Subjects were:

- (a) Piping Class Sheets and Piping Class Summary Sheets - Dwgs M480 and M481
- (b) Installation and Rework of Electrical Raceway and Supports
- (c) Construction Testing Program
- (d) Processing Field Change Requests and Field Change Notices

References:

FPD 2.000-Field Change Requests/Field Change Notices
FID 2.100-Outstanding Field Change Requests and Field Change Notices,
Retirement
Specification G-34-Field Change Notices

Results of the evaluation have been documented on Checklist Number MP-MIS-001E and are available for review.

Training records of two (2) MPQAD personnel were checked against the computer printout to verify current certifications and inspection levels. Verification of the records were considered to be satisfactory.

2. CIO performed surveillance inspection of the following Zack HVAC activities:

- witnessed bend tests of 3 welders - results were satisfactory
- reviewed receipt and issuance procedure for special stock material. Material conforms to and was issued to the requirements of MB-FP-18, Welder Performance Qualification, Rev. 2

Closed Action Items

1. Letter of June 30, 1983: the following items were addressed in CPCo letter dated August 9, 1983.

- audit responses should not be readdressed
- observations by the Review Team should be submitted in advance of meetings
- restraints require expeditious resolutions

The responses were considered adequate - these items are closed.

1. July 25, 1983 Report No. 6

Concern Item 2 - "Material traceability of installed hangers. (E3)"

Response: CIO received a letter from H.P. Leonard dated August 18, 1983 with three attached memos indicating that MPQAD had completed a review of material traceability procedures with particular emphasis on pipe hangers and supports, structural materials, piping and weld filler material.

This review was conducted under the direction of M.L. Curland, Principal Quality Advisor for MPQAD. As a result of this investigation, MPQAD has concluded that the systems in use for material identification and control do provide for compliance with ASME code requirements and to CFR 50, Appendix B requirements of preventing the use of incorrect material.

Conclusion: This letter with attachments satisfies the documentation request noted in Report No. 6, CIO agrees with the results of the above review and the item can be closed.

Open Action Item

1. June 14, 1983 Report No. 2

- (a) discussion of nonconforming items with Project Engineering
- (b) has a program been developed and responsibilities established of personnel assigned to process nonconformances?

These items remain open pending discussion with Project Engineering and receipt of the Nutech program.

General

1. Mr. A.P. Amoruso, Project Manager, Stone & Webster, Michigan, Inc. was on-site August 24 through August 26, 1983 to review the status of program development and to discuss staffing and commitments to the US NRC.
2. A matrix of all observations noted by CIO is enclosed indicating closed/open status. Future reports will list only those items which remain open. Arrangements have been made with CPCo for the use of their computer facilities for tracking of CIO observations.

STATUS OF CIO PROGRAM DEVELOPMENT Week Ending: September 2, 1983

I. PQCI Activity
Checklist Development Status

	This Week	To Date 8-26-83	Total To 9-2-83
Applicable PQCI Recd	0	69	69
PQCI -1st Draft	5	64	a) 69
Approval Cycle	2	65	b) 67
Typing	1	59	c) 60
Approved for Issue	0	35	d) 35
Issued	0	0	0
CN's	29	109	138
Rev.	0	42	42

- a) 60 Processed including 9 rewritten due to revisions
- b) 51 Processed including 16 rereviewed due to revisions
- c) 46 Processed including 14 retyped due to revisions
- d) 33 Processed including 2 recycled due to revisions

II. MP-MIS Activity

	This Week	To Date 8-26-83	Total To 9-2-83
MIS-Draft Cycle	0	36	a) 36
MIS-Approval Cycle	0	25	b) 25
MIS-Typing	0	23	c) 23
MIS-Approved for Issue	0	10	d) 10
MIS-Issued	0	2	2

- a) 30 Processed including 6 rewritten due to revisions
- b) 19 Processed including 6 rereviewed due to revisions
- c) 19 Processed including 4 retyped due to revisions
- d) 8 Processed including 2 recycled due to revisions

* MP-MIS are SW or generated generic attribute checklists applicable to several PQCI's

STONE & WEBSTER MICHIGAN, INC.
MIDLAND NUCLEAR COGENERATION PLANT
CIO OBSERVATIONS

Observation Number	Observations	Originating Document/Date	CPCo Response Document/Date	Status Open/Closed	Close-Out Document/Date
001	MRC Meeting 5/18/83 SUBTITLE AND OBJECTIVES OF CCP Provide details: (a) to improve project information status (b) to improve implementation of the QA program	Letter-minutes of meeting of 5/18/83	Letter 7/1/83	Closed	Report No. 4 7/12/83
002	MRC Meeting 5/18/83 Status of BHO PILOT TEAM (a) are procedures for statusing approved (b) provide results of preliminary hanger walkdowns	Letter-minutes of meeting of 5/18/83	Letter 7/1/83	Closed	Report No. 4 7/12/83
003	MRC Meeting 5/18/83 HANGER TEAM ENGINEERS (a) how are NCR's processed and evaluated	Letter-minutes of meeting of 5/18/83	Letter 7/1/83	Closed	Report No. 4 7/12/83
004	MRC Meeting 5/18/83 HANGER TEAM QUALITY REPRESENTATIVE (a) clarification on Q-Non Q interface	Letter-minutes of meeting of 5/18/83	Letter 7/1/83	Closed	Report No. 4 7/12/83
005	MRC Meeting 5/18/83 PROCEDURES/INSPECTIONS (a) provide objective evidence that listing of procedures, specifications and drawings are complete	Letter-minutes of meeting of 5/18/83	Letter 7/1/83	Closed	Report No. 4 7/12/83

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CIO OBSERVATIONS

Observation Number	Observations	Originating Document/Date	CPCo Response Document/Date	Status Open/Closed	Close-Out Document/Date
006	MRC Meeting 5/5/83 Program (Training) requires revision to address how "Trainers" are trained	Report No. 1 6/3/83	Letter 7/1/83	Closed	Report No. 5 7/18/83
007	Method of communication/notification with MPQAD when PQCI's are found to be ambiguous or do not meet code requirements	Report No. 1 6/3/83	Letter 7/1/83	Closed	Report No. 4 7/12/83
008	MRC Meeting 6/1/83 Adequacy of drawings (A8) - large bore pipe hangers Hold Point Released 8/15/83	Report No. 2 6/14/83	Letters 7/1/83 8/9/83	Closed	Report No. 9 8/15/83
009	MRC Meeting 6/1/83 Additional verification of equipment received and installed (E-2)	Report No. 2 6/14/83	Letters 7/1/83 8/9/83	Closed	Report No. 9 8/15/83
010	MRC Meeting 6/1/83 Material traceability of installed hangers (E3) Hold Point Released 8/15/83	Report No. 2 6/14/83	Letters 7/1/83 8/9/83	Closed	Report No. 9 8/15/83
011	MRC Meeting 6/1/83 (a) discussion of nonconforming items with Project Engineering (b) has a program been developed and responsibilities established of personnel assigned to process nonconformances? NOTE: Hold Point Released 8/15/83	Report No. 2 6/14/83		Open pending receipt of Nutech Program	

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Observation Number	Observations	Originating Document/Date	CPCo Response Document/Date	Status Open/Closed	Close-Out Document/Date
012	MRC Meeting 6/1/83 Identification of QVP related commitments	Report No. 2 6/14/83	Letter 7/1/83	Closed	Report No. 9 8/15/83
013	MRC Meeting 6/1/83 Would a critical path Level II network be issued?	Report No. 2 6/14/83	Response given at meeting	Closed	Report No. 2 6/14/83
014	MRC Meeting 6/1/83 Are job descriptions and responsibilities of CPCo personnel engaged to implement the QVP available?	Report No. 2 6/14/83	Letter 7/1/83	Closed	Report No. 5
015	Inspection attributes do not lend themselves to the title of the PQCI "In-Process"-----	Report No. 2 6/14/83	PQCI P-1.60 Rev 7 8/9/83	Closed	Report No. 8 8/8/83
016	Clarification of paragraph 1 under "Special Instructions" PQCI P-1.60	Report No. 2 6/14/83	PQCI P-1.60 Rev 7 8/9/83	Closed	Report No. 8 8/8/83
017	System Interaction Walkdown Program not reviewed by Region III NRC nor the NRR	Report No. 2 6/14/83	Response by D. Miller during meeting 6/14/83	Closed	Report No. 2 6/14/83
018	MRC Meeting 6/17/83 Matrix of CPCo commitments to the NRC should be complete	Letter 6/17/83	Letter 7/1/83	Closed	Report No. 6 7/25/83

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Observation Number	Observations	Originating Document/Date	CPCo Response Document/Date	Status Open/Closed	Close-Out Document/Date
019	MRC Meeting 6/17/83 The 14 required to resolve Management Review Team Observations should be reviewed and approved	Letter 6/17/83	Letter 7/1/83	Closed	Report No. 6 7/18/83
020	MRC Meeting 6/23/83 Audit responses should not be readdressed	Letter 6/28/83	Letter 8/9/83	Closed	Report No. 12 9/6/83
021	MRC Meeting 6/23/83 Observations by Review Team should be submitted in advance of meetings	Letter 6/30/83	Letter 8/9/83	Closed	Report No. 12 9/6/83
022	MRC Meeting 6/23/83 Restraints require expeditious resolutions	Letter 6/30/83	Letter 8/9/83	Closed	Report No. 12 9/6/83
023	Concerns regarding methods of evaluating construction training courses	Report No. 3 6/28/83	Letter 7/1/83	Closed	Report No. 5 7/18/83
024	MRC to convene to confirm or modify recommendations of R. A. Wells memo of 6/7/83 Serial 2284B	Report No. 5 7/18/83	Letter-J. Cook to J. Rutgers 7/13/83	Closed	Report No. 9 8/15/83

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Observation Number	Observations	Originating Document/Date	CPCo Response Document/Date	Status Open/Closed	Close-Out Document/Date
025	Ten course rosters unsatisfactory due to transcription errors and improperly filled out.	Report No. 7 8/1/83	Telecon on 8/25/83 that corrections have been made	Closed	Report No. 11 8/29/83 Reverified Daily Inspection Report 8/25/83
026	14 discrepancies-Construction Training matrix vs. Computer Printout	Report No. 8 8/8/83	Telecon 8/22/83 Reverified-one deficiency NIR 001 issued	Closed	Report No. 9 8/15/83 Daily Inspection Reports 8/22/83
027	NIR 001 dispositioned and issued as closed by CIO	Report No. 9 8/15/83	N/A	Closed	CIO Closeout 8/15/83
028	13 discrepancies-Construction Training matrix vs. Computer Printout	Report No. 9 8/15/83	Memo from Training Coordinator 8/18/83	Closed	Report No. 10 Daily Inspection Report 8/18/83
029	Duplication of welding criteria in various PQCI's	Report No. 9 8/15/83	Telecon with R. Davis MPQAD 8/26/83	Closed	Report No. 11 8/29/83