



STONE & WEBSTER MICHIGAN, INC.

P.O. Box 2325, BOSTON, MASSACHUSETTS 02107

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

October 17, 1983  
J.O. No. 14509  
NRC File #83-10-17

RE: DOCKET NO. 50-329/330  
MIDLAND PLANT - UNITS 1 AND 2  
OVERVIEW OF THE CONSTRUCTION COMPLETION PROGRAM  
REPORT NO. 18

A copy of the Construction Implementation Overview Report No. 18 for period October 10, 1983 through October 14, 1983 is enclosed with this report. There were no scheduled meetings during this reporting period. Evaluations of the CCP activities, as appropriate, are attached. Also, attached are matrix of open items and the NIR Log Summary.

Very truly yours,

S.W. Baranow  
Program Manager

Enclosure  
SWB/ka

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

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Report No. 18

October 10, 1983 through October 14, 1983

Personnel on Site

Stone & Webster Michigan, Inc.

S. Baranow	T. Parker	J. Barr
J. Thompson	R. Carpeggiani	G. Foley
W. Sienkiewicz	A. Smith	P. Amoruso
J. Langston	D. Cooke	J. Chawla
R. Scallan	J. Seely	F. Bearham

Meetings

1. CIO attended the first of the monthly meetings with the US NRC and the public held in Midland on October 13, 1983. A separate report will be issued in accordance with the protocol agreement of September 15, 1983.
2. During the reporting period, CIO attended meetings conducted by Bechtel Power Company.
  - A. The daily staff management meetings are chaired by Mr. G. Hierzer, BPCo Site Manager and includes Management Representatives from all BPCo departments, CPCo and MPQAD.

Specific subjects discussed at the meetings were as follows:

- training and training records
  - reducing attachments to drawings
  - status of System 38
  - NRC audit of Zack design
  - complying with NRC requests for documentation and correspondence
  - stop work by B&W (NSSS)
  - fit-up inspections of welds
- B. The bi-weekly staff meetings are chaired by J. Reinsch and includes team leaders and support personnel from CPCo, BPCo and MPQAD.

Specific subjects addressed at the meetings included the following:

- area walkdown
  - evaluating training
  - reorganization of BPCo personnel
- C. CIO attended a second meeting to discuss a possible response to the NRC audit finding on fit-up inspection of Zack welding. The meeting included representatives of CPCo, BPCo and MPQAD and CIO as observers. Also, CIO agreed to implement a CPCo request to provide independent third party inspection of weld testing as part of the Weld Justification Program.
- D. CIO attended the Groups I and II System Review Meetings. At these meetings the emphasis is on resolving problems and providing solutions to restraints. Also, Bechtel Management reiterated their position that quality requirements have priority over cost and schedule requirements.
- E. CIO attended the Bechtel Subcontractors meeting. This meeting is attended by representatives from each of the Subcontractors and topics discussed include; Sampling Plans, Tests, NCRs, Training, Documentation and other items pertaining to construction.

#### ACTIVITIES

##### 1. Training

CIO attended and evaluated a construction training presentation on October 13, 1983.

##### Training Subject

- Technical Specification for Installation of Field Mounted Instrumentation for Nuclear and General Services (C368-83)

CIO evaluation of the presentation was considered to be satisfactory. The presentation was in compliance with FPG-2.000 "Training of Construction Personnel."

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

## 2. Training Records

CIO has completed a sampling inspection of Construction Training Records of 32 members of 15 Teams assigned to perform status assessment.

Approximately 2,000 individual records were examined to determine if the requirements of FPG-2.000, "Training of Construction Personnel have been complied with."

An evaluation of unsatisfactory observations is underway to determine the degree of non-compliances. Report No. 19 will identify our findings and resolutions.

The results of the evaluation of each Team will be documented on Checklist No. MP-MIS-001E.

## HOLD POINTS

1. CPCo has committed to develop a Vendor Equipment Verification Program.

This program must be in place and reviewed by CIO prior to start of Phase II activities.

2. NIRs 002, 003, 004 and 005 issued as a result of sampling inspections of 45 MPQAD personnel Training Records require corrective actions and resolutions before any inspections can be performed by the above.

Initial responses to the NIRs has been received by CIO on October 13, 1983 and are currently under review.

## GENERAL

1. Report No. 11 stated that a CIO concern relative to welding criteria being duplicated in PQCI's was closed.

MPQAD has performed another review of their method of operation and have elected to change their policy regarding welding inspection.

MPQAD will revise CW-1.00 to incorporate all existing change notices and at the same time delete from it all references to electrical and instrument welding.

A new PQCI, EW-1.00, is being generated. This will cover the inspection of all welding on electrical supports and equipment. Inspection of welding will be deleted from the electrical PQCI's after EW-1.00 is effective.

The inspection criteria for Instrument welding will remain in the Instrument PQCI's.

This item will not be statused in future reports. CIO will monitor progress on this item when preparing checklists based upon revised PQCI's.

2. Copies of new and revised Stone & Webster QCIs are attached for information;

- QCI 2.01 Rev 0, 10/7/83, Orientation Requirements for CIO Personnel
- QCI 7.01 Rev 0, 10/7/83, Sampling Inspection
- QCI 10.01 Rev 2, 10/7/83, Construction Implementation Overview Assessment
- QCI 15.01 Rev. 4, 10/7/83, Nonconformance Identification and Reporting

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
030	Need to review Vendor Equipment Verification Program - MPQAD/SMO	Report No. 5 7/18/83		Open	

STONE & WEBSTER MICHIGAN, INC.  
CONSTRUCTION IMPLEMENTATION OVERVIEW  
NIR LOG SUMMARY

NIR NO.	MPQAD NCR NO.	SUBJECT	DATE OF ISSUE	DATE DISP.	DATE CLOSED	REMARKS
001	N/A	Training Records	8/15/83	8/15/83	8/17/83	
002		Forms from both procedures B-3M and B-3M-1 are intermixed in training records	10/4/83			
003		Yearly vision examination was exceeded	10/4/83			
004		OJT training records not available in training records. Revision number not listed on OJT Record	10/4/83			
005		Personnel Certification Form QA-116-1, Attachment D is unavailable in record files	10/4/83			