



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

August 29, 1983  
J.O. No. 14509  
NRC File #83-08-29

RE: DOCKET NO. 50-329/330  
MIDLAND PLANT - UNITS 1 AND 2  
OVERVIEW OF THE CONSTRUCTION COMPLETION PROGRAM  
REPORT NO. 11

A copy of the Construction Implementation Overview Report No. 11 for the period August 22, 1983 thru August 26, 1983 is enclosed with this letter. There were no scheduled Management CCP meetings during this reporting 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)  
DMiller Jr., CPCo Midland (site)  
RBKelly, S&W  
APAmoruso, S&W  
CORichardson, S&W

Report No. 11

August 22, 1983 through August 26, 1983

Personnel on Site

Stone & Webster Michigan, Inc.

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

Meetings Attended

Stone & Webster Michigan, Inc. attended a meeting with the US NRC and the public to present and discuss the Stone & Webster Independent Third Party Overview of the Construction Completion Program. The meeting was held at 10:00 A.M., August 25, 1983 at the Quality Inn, Midland, Michigan.

ACTIVITIES

1. Training

CIO attended and evaluated a training session on August 25, 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."

The subject matter of the training session was:

"Cable Packaging and Pull Documentation Process, Cable Rework, Installation and Rework of Electrical Cable: FPE-9.700, FPE-9.300 and FPE-4.00."

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

2. Review of training records for Bulk Hanger Organization Team #31 is continuing for:

- compliance to matrix requirements
- completed training to specific documents
- proper identification of personnel of course rosters vs. computer printout

3. Records for MPQAD Inspector training are being reviewed to verify the current certifications and inspection levels of MPQAD personnel.

4. Records of five (5) MPQAD personnel involving the following PQCI's are being evaluated.

<u>PQCI N°</u>	<u>REV. N°</u>	<u>TITLE</u>
C - 1.10	15	Inspection of Grouting and Dry Packing
C - 1.31	5	Concrete Preplacement and Placement Inspections
C - 1.40	10	Concrete Postplacement Inspection
C - 1.60	7	Concrete Drilling and Cutting Reinforcing Steel
C - 1.81	3	Installation of Concrete Unit Masonry
C - 2.10	11	Structural Steel Erection
C - 2.20	6	Field Fabrication of Misc. Steel
C - 5.10	9	Installation of Shear Connectors
C - 6.00	8	Mechanical Splicing of Reinforcing Bars
C - 8.5	13	Inspection of Surface Preparation, Application, Touch-up and Repair of Coating
CW - 1.00	5	Welding and Non-destructive Examination of Q-Listed Non-ASME Items
E - 1.2	0	Installation of Conduit/Box Supports
E - 2.0	12	Installation of Cable Tray and Wireway
PF - 1.10	3	Pipe Flange Installation and Rework
T - 1.00	10	Hydrostatic and Pneumatic Leak Testing

5. CIO performed surveillance inspection of the following Zack HVAC activities.

- witnessing of qualifications of welders
- verified calibrations were current for ammeters, numbers 2090, 2091, 2094, and 2103. Verification was satisfactory.
- verified that weld coupons were properly color coded, segregated by size and properly identified.

It was determined that the above listed activities were in compliance with Zack welding Procedure 2-1-2. Results of the surveillance have been documented on Checklist N° MP-MIS-Z017.

6. Receipt and control of A-36 plate, 3/8" thickness, used for welder qualification was found to be in compliance with MB-FP-18 Welder Performance Qualification, Rev. 2.

#### Closed Action Items

1. Concern - Report N° 7, August 1, 1983

"Ten course rosters were determined to be unsatisfactory due to transcription errors and were improperly filled out."

Resolution: The ten corrected course rosters were received, reviewed by CIO and were determined to be satisfactory.

2. Concern - Report N° 9, August 15, 1983

CIO identified to MPQAD a potential problem area. Welding criteria are duplicated in PQCI's. The potential exists that if a PQCI is revised, then all other PQCI's which repeat the information may not be revised, and, as a result, inspections could conceivably be performed to superseded data. A meeting has been scheduled for week of August 15, 1983 with MPQAD.

Resolution: MPQAD has acknowledged our concerns and shall take the following actions:

1. MPQAD will revise PQCI CW-1.00 to remove reference to fillet or partial penetration welding of electrical or instrument equipment. PQCI CW-1.00 will be used hereafter for all building structural welding and full penetration groove welding of electrical and instrument equipment applications.
2. All electrical and instrument PQCI's will still retain welding attributes for fillet and partial penetration welding only.
3. All electrical and instrument PQCI's will have a statement in the general instructions directing that in the event a full penetration groove weld is required, they shall interface PQCI CW-1.00 for inspections of those joints.
4. MPQAD will request a Specification Change Notice to Technical Specification C-304 from Project Engineering to state "For electrical and instrument support full penetration welds, use the criteria given in paragraph 6.2 of C-304." (Paragraph 6.2 identifies the acceptance criteria for building structural welding.)

This item is closed.

General

A presentation of the Construction Implementation Overview Program was given by Stone & Webster, Boston, to CPCo Management (J.Cook, R. Miller, R. Lee and R. Wells) on August 24, 1983.

STATUS OF CIO PROGRAM DEVELOPMENT      Week Ending: August 26, 1983

I. PQCI Activity  
Checklist Development Status

	This Week	To Date 8-19-83	Total To 8-26-83
Applicable PQCI Recd	1	68	69
PQCI -1st Draft	2	62	a) 64
Approval Cycle	0	65	b) 65
Typing	0	59	c) 59
Approved for Issue	1	34	d) 35
Issued	0	0	0
CN's	6	103	109
Rev.	3	39	42

- a) 58 Actual - 6 Rewrites due to revisions  
b) 51 Actual - 14 Rewritten due to revisions and change notices  
c) 46 Actual - 13 Retyes due to revisions and change notices  
d) 33 Actual - 2 Reprocessed and reapproved due to revisions

II. MP-MIS Activity	This Week	To Date 8-19-83	Total To 8-26-83
MIS-Draft Cycle	14	22	a) 36
MIS-Approval Cycle	1	24	b) 25
MIS-Typing	1	22	c) 23
MIS-Approved for Issue	3	7	d) 10
MIS-Issued	1	1	2

- a) 30 Actual - 6 Rewritten  
b) 19 Actual - 0 Rereviewed  
c) 19 Actual - 4 Retyped  
d) 8 Actual - 2 Reprocessed and reapproved because of revisions