



Report No. 13

September 5, 1983 through September 9, 1983

Personnel on Site

Stone & Webster Michigan, Inc.

S. Baranow	J. Langston
J. Thompson	R. Scallan
F. Bearham	J. Barr
W. Sienkiewicz	G. Foley (temporary)

Meetings Attended

CIO personnel, J. Thompson and F. Bearham attended two (2) daily meetings conducted by Bechtel Management. Purpose of the meetings centered upon the status of procedures and the readiness of teams to perform system statusing. The meetings were chaired by Mr. G. Hierzer, BPCo Site Manager. Key supervisory Bechtel personnel were in attendance.

ACTIVITIES

1. Training

- A. CIO attended and evaluated a construction training class on September 9, 1983. The evaluation of the presentations of the training session was considered to be satisfactory and was in compliance with FPG 2.000 "Training of Construction Personnel."

Training subjects were:

- 1) Nuclear Quality Assurance Manual
- 2) Bechtel Quality Assurance Manual

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

- B. Computer records for certification of 4 MPQAD personnel trained to meet the requirements of PQCI PW-1.00, Rev. 7 Fabrication/Welding/Heat Treatment and NDE, ASME III Piping were reviewed by CIO.

The requirements of Military Standard 105D "Sampling Procedures and Tables for Inspection by Attributes" as described in the Stone & Webster Quality Assurance Directive (QAD) 7.11 were utilized.

The following method was employed:

- a) 16 attributes were selected from three computer printouts
- b) 13 MPQAD personnel completed training and were certified, meeting the requirements of PQCI PW-1.00
- c) lot size  $16 \times 13 = 208$
- d) Sample size - 50
- e) accept lot with 1 unsat
- f) reject lot with 2 unsats

Utilizing Table of Random Numbers, the first, fourth, fifth and eighth names appearing on the printout were selected for review.

Training records of the four MPQAD personnel were 100% reviewed and documented on Checklist Number MP-MIS-018E.

With no unsatisfactory conditions observed, the certification records of the 13 MPQAD personnel were considered to be satisfactory and acceptable.

## 2. Zack HVAC

CIO performed surveillance inspection of the following Zack HVAC activities:

- witnessed performance qualifications of 5 welders on A-36 3/8" thick plate
- witnessed face and root bend tests of two welders
  - 1-welder passed the bend tests
  - 1-welder failed the bend tests and was terminated

## Open Action Items

### 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?

With respect to the above items, CIO met with Mr. G. Sanders, Engineering Manager/Project Manager of Nutech who advised that the program was available for our review. CIO requested that the program be formally transmitted by Project Engineering for CIO review.

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2. CPCo has committed to develop a vendor equipment verification program. This item is not a restraint to Phase I activities, but must be resolved prior to commencement of Phase II activities.

General

1. Mr. D. Cooke, Senior Inspector, Electrical, reported to the job site on September 12, 1983. His signed affidavit is being transmitted to Mr. J. J. Harrison US NRC, Glen Ellyn, IL. His resume will follow upon receipt from Boston.

Four additional personnel are scheduled for assignment during the month.

2. Matrix of Open Items is enclosed for information.

STATUS OF CIO PROGRAM DEVELOPMENT

Week Ending: September 9, 1983

I. PQCI Activity  
Checklist Development Status

	This Week	To Date 9-2-83	Total To 9-9-83
Applicable PQCI Recd	0	69	69
PQCI -1st Draft	5	64	a) 69
Approval Cycle	3	67	b) 70
Typing	10	60	c) 70
Approved for Issue	4	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 9-2-83	Total To 9-9-83
MIS-Draft Cycle	0	36	a) 36
MIS-Approval Cycle	2	25	b) 27
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
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?	Report No. 2 6/14/83		Open pending receipt of Nutech Program	
030	Develop Vendor Equipment Verification Program-MPQAD/SMO	Report No. 5 7/18/83		Open	