

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, Illinois 60137

February 3, 1984
J.O. No. 14509
NRC File #84-2-3

DOCKET NO. 50-329/330
CIO WEEKLY REPORT NO. 33 ATTACHMENTS
MIDLAND PLANT - UNITS 1 AND 2

Please insert the enclosed sheets into Attachment A of Weekly Report
Number 33 which was distributed on February 1, 1984.


J. E. Karr
CIO Program Manager

Enclosures

JJR/nl

cc:
JHarrison, US NRC Glen Ellyn, IL
✓ RJCook, US NRC Midland (site)
DLQuamme, CPCo Midland (site)
RAWells, CPCo Midland (site)
RBKelly, SWEC
RGBurns, SWEC
APAmoruso, SWEC

FEB 13 1984

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STONE & WEBSTER MICHIGAN, INC.
 CONSTRUCTION IMPLEMENTATION OVERVIEW
 MIDLAND NUCLEAR COGENERATION PLANT

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/SMD	Report No. 5 7/18/83			
032	Tracked Action	NIR 006 issued on October 27, 1983, to address administrative discrepancies in the Construction Training Records of Teams 5, 6, 8, 9, 12, 13, 16, 17, 19, 20, 25, 25 (27/28) 29, 30, 31, 32/33 and BHO staff.	Report No. 20 10/31/83			
033	Tracked Action	NIR 007 issued on November 7, 1983, to address administrative discrepancies in the Construction Training Records for Teams No. 24, Field Procurement, Subcontractor Management, Field Engineering Staff, and Construction General Services Organization.	Report No. 21 11/08/83			
034	Tracked Action	NIR 008 issued on November 14, 1983 to address upgrading five training level codes in the System Team Training Matrix.	Report No. 22 11/14/83			

CIO ITEM SUMMARY - CONTINUATION SHEET

No.	Classification	Description	Open Document/Date	CPCo Response Document/Date	Closed Document/Date	Remarks
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-30-0220 Sheet 2, Rev. 7.	Report No. 22 11/14/83			
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 C00925 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 As revised by Report No. 25 12/5/83			
041	Tracked Information	CIO requires CPCo plans and schedules for assuring that current activities relative to the evaluation of Phase III activities on FCRs/FCNs, vendor drawings and FSKs are completed prior to releasing the emergency diesel generators for resumption of installation work. Subsequent to review, CIO will determine method of evaluation.	Item Notification Report 1/6/84			



STONE & WEBSTER MICHIGAN, INC.

P.O. Box 2325, BOSTON, MASSACHUSETTS 02107

Mr. D. L. Quamme
Consumers Power Company
Midland Nuclear Plant
3500 E. Miller Road
Midland, Michigan 48640

February 3, 1984

Subject: Docket No. 50-329/330
Midland Plant - Units 1 and 2
Overview of the Construction
Completion Program
Serial No. SWMCP-024

Re: CIO Item No. 037, NCR C-00994
CPCo Transmittal No. CSC-7244

CIO has reviewed CPCo's response to Item Number 037 and considers the disposition to be satisfactory.

CIO will verify testing repairs (if necessary) and requests sufficient prior notice to perform these activities.

J. E. Karr

J. E. Karr
CIO Program Manager

FB/nl

cc:
JGKepler, US NRC Glen Ellyn, IL
JHarrison, US NRC Glen Ellyn, IL
-RJCook, US NRC Midland (site)
RAWells, CPCo Midland (site)
RBKelly, S&W
APAmoruso, S&W

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Mr. D. L. Quamme
Consumers Power Company
Midland Nuclear Plant
3500 E. Miller Road
Midland, Michigan 48640

February 3, 1984

Subject: Docket No. 50-329/330
Midland Plant - Units 1 and 2
Overview of the Construction
Completion Program
Serial No. SWMCP-025

Re: Revisions to BPCo Procedures
CPCo Transmittal No. CSC-7216

CIO has reviewed CPCo's response to Meeting Note "D" on Page Two of
Weekly Report Number 25 and considers this to be satisfactory.

J E. Karr

J. E. Karr
CIO Program Manager

FB/nl

CC:
JGKeppler, US NRC Glen Ellyn, IL
JHarrison, US NRC Glen Ellyn, IL
-RJCook, US NRC Midland (site)
RAWells, CPCo Midland (site)
RBKelly, S&W
APAmoruso, S&W

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STONE & WEBSTER MICHIGAN, INC.

P.O. Box 2325, BOSTON, MASSACHUSETTS 02107

Mr. D. L. Quamme
Consumers Power Company
Midland Nuclear Plant
3500 E. Miller Road
Midland, Michigan 48640

January 30, 1984

Subject: Docket No. 50-329/330
Midland Plant - Units 1 and 2
Overview of the Construction
Completion Program
Serial No. SWMCP-023

PRINCIPAL STAFF		
✓ RA	<i>he</i>	DRPP
D/RA		DE
A/RA		DRMSP
✓ RC	<i>he</i>	DRMA
PAO		SCS ✓
SGA		ML
GEN		File <i>he</i>

orig + 3

Re: Partial Release of Mechanical Documents
Transmittal No. CSC 7251

Transmittal Number CSC 7251 refers to a request for partial release of seven mechanical documents to allow a pneumatic test.

CIO has no objection to this request providing CIO is allowed to review the seven documents for the following attributes.

- 1) Clear indication on each drawing that the distribution is limited to one time, one application
- 2) Objective evidence that attachment FCNs/FCRs are correctly posted
- 3) FDDL is updated to reflect the issue
- 4) Drawings are current revision
- 5) ® status is verified
- 6) Manufacturer's instructions are available

Please notify the undersigned when the documents are ready for CIO review.

J. E. Karr
J. E. Karr
CIO Program Manager

FB/nl

cc:
JGKepler, US NRC Glen Ellyn, IL
JHarrison, US NRC Glen Ellyn, IL
RJCook, US NRC Midland (site)
RAWells, CPCo Midland (site)
RBKelly, S&W
APAmoruso, S&W

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STONE & WEBSTER MICHIGAN, INC.

P.O. Box 2325, BOSTON, MASSACHUSETTS 02107

PRINCIPAL STAFF			
VP		ENR	
C/RA		DE	
A/RA		DESIGN	
RD		ENR	
PRO		DESIGN	
CON		ENR	
ENR		ENR	

enig-13

Mr. J. J. Harrison
Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

January 27, 1984

Subject: DOCKET NO. 50-329/330
MIDLAND NUCLEAR COGENERATION PLANT
RESUMES AND AFFIDAVITS FOR CIO STAFF MEMBERS
SERIAL NO. SWMCP-022

Attached is the signed affidavit and resume for Mr. A. J. Benecchi.
Mr. Benecchi has been assigned to assist in headquarters' support
of CIO activities.

J. E. Karr
J. E. Karr
CIO Program Manager

Enclosures

JJR/nl

cc: CIO General Files

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PREVIOUS WORK ASSOCIATED WITH MIDLAND PROJECT

Consumers Power Company - Midland Spare Parts Determination Project -
February 1980.

Provided evaluation and assistance in implementing the SWEC QA Program
on the Spare Parts Determination Project.

LIST OF FUNDS

Stone & Webster Employee Investment Plan

Stone & Webster Employee Stock Ownership Plan

Fidelity Cash Reserves Money Market Fund

Patriot Money Market Account

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
ATOMIC SAFETY AND LICENSING BOARD

In the Matter of
CONSUMERS POWER COMPANY

(Midland Plant, Units 1 and 2)

Docket No. 50-329 OM
50-330 OM

Docket No. 50-329 OL
50-330 OL

AFFIDAVIT OF Alan J. Benecchi

My name is Alan J. Benecchi. I am employed by Stone & Webster Michigan, Inc. as Administrative Assistant.

I am currently assigned to the team which is proposed to conduct a Third Party Construction Implementation Overview at the Midland Nuclear Plant site. Prior to being given this assignment, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company or Bechtel relating to issues that I will be reviewing. Work that I have previously participated in is attached. I have never been employed by Consumers Power Company or Bechtel. I do not own any shares of Consumers Power Company or Bechtel stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company or Bechtel stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company or Bechtel.

Signed: Alan J. Benecchi
Suffolk, ss Commonwealth of Massachusetts
Sworn and Subscribed Before Me This 22nd Day of November 1983.

Robert S. Kuperinsky
NOTARY PUBLIC

My Commission Expires: March 16, 1990

Novem 2, 1983

BENECCHI, ALAN J.

ENGINEERING ASSURANCE ENGINEER
ENGINEERING ASSURANCE DIVISION

EDUCATION

Tufts University - Bachelor of Science, Electrical Engineering 1970
University of New Haven - Master of Engineering 1977

LICENSES AND REGISTRATIONS

Mr. Benecchi has 12 years experience in the engineering industry. Currently as Engineering Assurance Engineer in the Engineering Assurance Project Support Group assigned to the Operations Services Division, he provides guidance on and assists in the implementation of the Stone & Webster Engineering Corporation Quality Assurance Program as it applies to engineering and design activities.

Since joining Stone & Webster Engineering Corporation (SWEC) in December 1977, he has been assigned to the Engineering Assurance Division Procurement Control Procedures Group as an Engineer. Special assignments have included review of Beaver Valley Unit 2 ASME III Component Design Specifications for compliance to ASME III requirements; Member of the SWEC team at Clinton Power Station evaluating construction, quality assurance and engineering/design activities; Engineering Department Coordinator for engineering assurance and quality assurance matters for the Independent Design Review of Shoreham; Engineering Department Coordinator for NRC inspections of SWEC; the historical development of the Engineering Assurance Program as it specifically affects pipe stress/supports for Beaver Valley Unit 1; auditor for a Pipe Stress/Supports Reevaluation Task Force.

Prior to joining SWEC, Mr. Benecchi was a Senior Engineer with General Dynamics Corporation Electric Boat Division. He gained broad design and procurement experience while involved with the development of the TRIDENT nuclear submarine.

PROFESSIONAL AFFILIATIONS

American Society for Quality Control - Member
Institute of Electrical and Electronics Engineers - Member

DETAILED EXPERIENCE RECORD
BENECCHI, ALAN J. 05645

STONE & WEBSTER ENGINEERING CORPORATION, BOSTON, MA (Dec 1977 to Present)

Appointments:

Engineering Assurance Engineer - Feb 1980
Engineer - Dec 1977

Engineering Assurance Division Project Support Group
(Dec 1979 to Present)

As ENGINEERING ASSURANCE ENGINEER, assigned to the Operations Services Division (OSD) Headquarters and Special Projects, responsible for:

Coordinating engineering assurance activities and services for OSD Headquarters and Special Projects.

Monitoring and evaluating OSD and project engineering and design activities and providing suggestions for problem resolution.

Assisting OSD and project personnel with proper interpretation of Engineering Department procedures, and assisting in the preparation of requests for deviations from Engineering Department procedures.

Ensuring that project activities and instructions are compatible with client and SWEC QA Programs for engineering and design activities.

Reviewing OSD and project procedures for compliance and consistency with Engineering Department, Corporate, and other industry or government standards.

Providing informal training, and scheduling formal training classes with Engineering Assurance Continuing Education Group.

Assisting in the preparation of responses to audit findings related to engineering and design activities.

Additional special assignments include:

Special review of Beaver Valley Unit 2 ASME III component design specifications to assess whether they comply with the requirements of ASME III.

Member of the SWEC evaluation team at Clinton Power Station. Specific responsibilities included:

- o Coordination of SWEC engineering involvement in the Overinspection Program.
- o Development of a design completion control program.
- o Evaluation of site control of supplier documents.

AJE

Engineering Department Coordinator for Engineering Assurance and Quality Assurance matters for the Independent Design Review of Shoreham by Teledyne Engineering Services.

An Engineering Department Coordinator for NRC inspections of SWEC.

Historical development of the Engineering Assurance Program as it specifically affects pipe stress and supports for Beaver Valley Unit 1 and Engineering Department Coordinator for an evaluation of the Beaver Valley Unit 1 design and analysis of piping by O'Donnell & Associates, Inc. for Duquesne Light Company.

Certified as Quality Engineer by the American Society of Quality Control (December 1979).

Special Task Force for Pipe Stress/Supports Reevaluation
(Mar 1979 - Dec 1979)

As ENGINEER assigned to the Special Task Force for Pipe Stress/Supports Reevaluation for Beaver Valley Unit 1, Surry Units 1 and 2, James A. FitzPatrick, and Maine Yankee Power Stations; responsibilities included the following:

Performing technical and programmatic audits of manual and computerized calculations generated during the Pipe Stress/Supports Reevaluation.

Procedure development for controlling the quality of the engineering and design effort for the task.

Certified as Lead Auditor - Engineering Assurance Division (September 1979).

Engineering Assurance Division, Procurement Control Procedures Group
(Dec 1977 - Mar 1979)

As DIVISION COORDINATOR (Apr 1978 - Mar 1979) for the Engineering Department Policies and Procedures (EDPP) Program, responsible for:

The coordination of Division activities for the preparation and development of EDPPs.

Assistance in scheduling work, assignment of manpower for EDPP preparation, and establishing priority levels for EDPP development.

Input to, review, and comment on EDPPs during and after preparation to ensure consistency with Quality Assurance requirements and Engineering Department goals and objectives.

Preparation of EDPPs as required.

Participation in comment resolution meetings for EDPPs reviewed by Engineering Management.

AJB

As ENGINEER (Dec 1977 - Apr 1978) under direction of the Supervisor, responsibilities included:

Preparation, review, and revision of Engineering Assurance Procedures and the Specification Preparation Manual.

Handling of project and divisional requests for interpretation of a deviation from Engineering Assurance Procedures.

Study and implementation of SWEC Quality Assurance procedures and Code of Federal Regulations 10CFR50 Quality Assurance criteria.

Development of method for documentation of comments and changes to NSSS supplier drawings and a method for changing subvendor drawings.

GENERAL DYNAMICS CORPORATION/ELECTRIC BOAT DIVISION, GROTON, CT
(Mar 1971 - Oct 1977)

TRIDENT Design Project (Feb 1975 - Oct 1977)

As SENIOR ENGINEER, responsible for coordination and development of subvendor equipment. Included preparation of specifications and review of equipment test procedures and results to ensure conformance with specifications and delivery schedules.

As LEAD ENGINEER, responsible for installation and system interconnection of reactor plant equipment at the TRIDENT Training Facility in Bangor, Washington.

As COGNIZANT ENGINEER, responsible for development of both reactor plant and secondary plant instrumentation, monitoring, and indication systems.

Responsible for review of reactor plant equipment specifications and functional requirements, system signal integration, and technical support to drafting for preparation of final system interconnection drawings.

S5W and Commissioned Vessels Design Project (Nov 1971 - Feb 1975)

Appointed as nuclear PROJECT ENGINEER, responsible for updating reactor plant systems with new design modifications. Included development of system requirements and directions for modifying equipment.

Member of the Electrical/Electronic Installations Committee. Responsible for establishing standards for installation of equipment onboard submarines.

Nuclear Test (Mar 1971 - Nov 1971)

Appointed as TEST ENGINEER (Mar 1971)

As TEST ENGINEER, responsible for testing reactor plant systems after completion of the construction phase.



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PRINCIPAL STAFF	
PA	PRP
D/PA	IDE
A/RA	ORISF
RC	ORISF
PAO	SCS
SGA	FILE
EIF	FILE

January 27, 1984

Mr. D. L. Quamme
 Consumers Power Company
 Midland Nuclear Plant
 3500 E. Miller Road
 Midland, Michigan 48640

Subject: Docket No. 50-329/330
 Midland Plant - Units 1 and 2
 Overview of the Construction
 Completion Program
 Serial No. SKMCP-018

Re: Transmittal No. USC 7208
 FCR/FCN Review Schedule

With reference to your transmittal dated January 20, 1984, the following response is offered.

CIO activities are dependent upon receipt of registers from Document Control, time required for preparation of sample plans and assignment of personnel.

These preparatory activities can usually be completed in one workday so that CIO will be ready to commence reviews within 24 hours of receipt of registers. CIO reviews are usually completed within a day or two thereafter.

If further information is required, please contact us.

J. E. Karr
 J. E. Karr
 CIO Program Manager

JEK/nl

cc:
 JGKepler, US NRC Glen Ellyn, IL
 JHarrison, US NRC Glen Ellyn, IL
 RJCook, US NRC Midland (site)
 RAWells, CFCo Midland (site)
 RBKelly, S&W
 APAnorris, S&W

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