

STONE AND WEBSTER MICHIGAN, INC. *Dm B*
P.O. BOX 1963, MIDLAND, MICHIGAN 48640

PRINCIPAL STAFF			
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<input checked="" type="checkbox"/> J/RA		DE	
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<input checked="" type="checkbox"/> SGA		ML	
<input checked="" type="checkbox"/> E/F		File	<i>ls</i>

orig 3

DATE	6-1-84
J.O. NO.	14509
P.O. NO.	
LTR. NO.	SWM- 131
REF.	

VIA
TO DISTRIBUTION

DEAR SIRs:

THE FOLLOWING ARE ☒ ATTACHED ☐ SENT SEPARATELY.

<input checked="" type="checkbox"/> COPIES	<input type="checkbox"/> PRINTS	<input type="checkbox"/> REPRODUCIBLES	<input type="checkbox"/> MICROFILM APERTURE CARDS
EACH OF			
<input type="checkbox"/> DRAWINGS	<input type="checkbox"/> SPECIFICATIONS		
<input checked="" type="checkbox"/> DOCUMENTS	<input type="checkbox"/> NOTES OF CONFERENCE		

STATUS		PLEASE NOTE	SENT FOR YOUR	
<input type="checkbox"/> FINAL	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> REVISIONS	<input type="checkbox"/> OMISSIONS	<input type="checkbox"/> APPROVAL <input type="checkbox"/> COMMENT
<input type="checkbox"/> PRELIMINARY	<input type="checkbox"/> APPROVED AS REVISED <small>AS DEFINED IN SPECIFICATION</small>	<input type="checkbox"/> ADDITIONS	<input type="checkbox"/> CORRECTIONS	<input type="checkbox"/> USE <input type="checkbox"/> INFORMATION
<input type="checkbox"/> NO COMMENT	<input type="checkbox"/> UNACCEPTABLE	<input type="checkbox"/> COMMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/> FILES <input type="checkbox"/> CONCURRENCE
<input type="checkbox"/> SUGGESTIONS AS NOTED	<input checked="" type="checkbox"/> CLOSED			

YOUR ATTENTION IS DIRECTED TO THE FOLLOWING:

RELEASED FOR: <input type="checkbox"/> FABRICATION <input type="checkbox"/> PURCHASE OF NECESSARY MATERIALS	
<input type="checkbox"/> PLEASE REVISE AND SUBMIT	<input type="checkbox"/> PRINTS <input type="checkbox"/> REPRODUCIBLES <input type="checkbox"/> MICROFILM APERTURE CARDS
<input type="checkbox"/> PLEASE SUBMIT	<input type="checkbox"/> PRINTS <input type="checkbox"/> REPRODUCIBLES <input type="checkbox"/> MICROFILM APERTURE CARDS OF <input type="checkbox"/> DOCUMENTS <input type="checkbox"/> DRAWINGS <input type="checkbox"/> SHOP DETAIL
<input type="checkbox"/> PLEASE RETURN ONE COPY EACH OF THIS MATERIAL BEARING YOUR APPROVAL OR COMMENTS.	
<input type="checkbox"/> PLEASE ACKNOWLEDGE RECEIPT OF THIS MATERIAL BY SIGNING AND RETURNING THE ENCLOSED COPY OF THIS FORM.	
<input type="checkbox"/> WE TRUST THAT THESE NOTES ARE IN ACCORDANCE WITH YOUR UNDERSTANDING. IF NOT, PLEASE ADVISE US.	

IMPORTANT SHOULD ANY REVISION TO DOCUMENTS OR DRAWINGS RETURNED HERewith INVOLVE A PRICE INCREASE THE SUPPLIER MUST NOTIFY STONE & WEBSTER PURCHASING DEPARTMENT WITHIN TEN (10) DAYS EVEN THOUGH A DEFINITE ESTIMATE CANNOT BE GIVEN AT THE TIME OTHERWISE THE PURCHASER WILL CONSIDER THE REVISIONS MADE WITHOUT COST.

The following Closed CIO Item/Hold Point Notification(s) is (are) attached for your action/information:

Item 070 _____

Item 086 _____

DISTRIBUTION:

Job File C.3 (orig + 1)
DLQuamme, CPCo
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KRArndt/Chrono/Vault w/o attach(2)
Initiator

8406120465 840601
PDR ADOCK 05000329
S PDR

[Signature]
D. E. Karr
CIO Program Manager

JUN 7 1984

IE01
11

STONE & WEBSTER
CONSTRUCTION IMPLEMENTATION
OVERVIEW

MIDLAND NUCLEAR PLANT J.O. NO. 14509

ITEM NUMBER 070 HOLD POINT NUMBER

- ☒ TRACKED ACTION ITEM
☐ TRACKED INFORMATION ITEM
☐ TRACKED RECOMMENDATION ITEM
☐ UNTRACKED ITEM
☐ HOLD POINT NOTIFICATION

REFERENCE(S) Discussions between T. Spellman (CPCo),
B. McKenzie & W. Pettit (BPCo) and T. Parker (CIO)

CONDITION DETAILS

CIO has discussed, with those referenced above, the various Interoffice Memorandums (IOM's) issued that clarify the status assessment process. As a result, CIO has the following concern.

The IOM's which clarify the status assessment process may be issued by the BPCo Project Field Engineer, Project Superintendent, Construction Systems Supervisors, Team Supervisors and/or anyone else seeing a need for clarification of a particular status assessment subject area. The IOM's are not being cleared/processed through any one point for any tracking, review or collection point for reference.

☐ YES (PAGE NO. '51) ☒ NO

(continued on Sheet 2 of 2)

ATTACHMENTS

DATE RESPONSE REQ'D. INITIATOR/DATE INITIATION APPROVED/DATE

4/18/84

T. A. Parker 4/9/84

J. E. Loran 4-10-84

RESPONSE

Reference attachment for complete response to this item.

☐ YES (PAGE NO. '51) ☐ NO

ATTACHMENTS

EST. CORRECTIVE ACTION COMPLETION DATE	RESPONDENT	TITLE	DATE
NA	W. E. Dickel	Asst. Const. Supt.	5/9/84

RESPONSE ACCEPTED	DATE	RESPONSE VERIFIED/CLOSED	DATE
J. E. Loran	5-31-84	T. A. Parker J. E. Loran	5/31/84

CONDITION DETAILS (CONT.)

This lack of administrative control can lead to the following problems;

- 1) Inconsistency in direction provided to personnel implementing CCP activities.
- 2) Redundancy in memos issued on the same topic.
- 3) Clarifications being issued which represent changes to existing procedure requirements.
- 4) Inability to evaluate the IOM's for needed program/procedure changes.

Please provide CIO with CPCo's plan for addressing the concerns noted above.

Response To CIO-070

Two programs are now in place that address this concern.

1. To disseminate information that should be placed in a procedure and does not involve a major revision to the procedure, FPG-1.000, Rev 7 was issued on May 7, 1984, to include provisions for the use of Change Notice (Attachment 1).
2. To disseminate information related to construction that does not require incorporation in field procedures, the Information Bulletin (Attachment 2) was established with the issue of Change Notice No. 1 to FPG-1.000, Rev 7 on May 9, 1984. The information bulletins are issued by the Project Field Engineer, logged and distributed by field document control and maintained by each holder of controlled sets of field procedures.

JTM/EK/ejt
050905f7

ITEM/HOLD POINT NOTIFICATION FORM

Sheet 1 of 1

STONE & WEBSTER CONSTRUCTION IMPLEMENTATION OVERVIEW MIDLAND NUCLEAR PLANT J.O. NO. 14509

ITEM NUMBER 086	HOLD POINT NUMBER
<input checked="" type="checkbox"/> TRACKED ACTION ITEM	
<input type="checkbox"/> TRACKED INFORMATION ITEM	
<input type="checkbox"/> TRACKED RECOMMENDATION ITEM	
<input type="checkbox"/> UNTRACKED ITEM	
<input type="checkbox"/> HOLD POINT NOTIFICATION	

REFERENCE(S)
QAR RA-00155/QAR RA-00157

CONDITION DETAILS

Due to the conflicting responses received from Bechtel and that of MPQAD (See Reference below) concerning NIR 022/NIR 023, we request one reply clarifying our initial findings. Current replies provide inaccurate and conflicting information.

Reference: 1. Stone & Webster NIR No. 022 2. Stone & Webster NIR No. 023
 CPCo Letter #CSM-0768 CPCo Letter #CSM-0769
 QAR RA-00157 QAR RA-00155

(PAGE NO'S) ☐ YES ☒ NO

ATTACHMENTS

DATE RESPONSE REQ'D. 5-24-84	INITIATOR/DATE <i>Rich Scallan 5/22/84</i>	INITIATION APPROVED/DATE <i>Stan 5-22-84</i>
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RESPONSE (SEE NOTE)

Attachments 1 and A provide a complete response to NIR-022.

Attachments 2 and B provide a complete response to NIR-023.

CIO has evaluated CPCo's response, provided via CPCo Transmittal No. CSC-7810 (Attachments 1, A, 2, and B), and found it to be acceptable. CIO considers this Item, as well as NIRs 022 and 023, closed.

(PAGE NO'S) ☒ YES 7 ☐ NO

ATTACHMENTS 1, A, 2 & B

EST. CORRECTIVE ACTION COMPLETION DATE <i>n/a</i>	RESPONDENT <i>Stan</i>	TITLE <i>Construction Supt</i>	DATE <i>5/29/84</i>
RESPONSE ACCEPTED <i>Rich Scallan</i>	DATE <i>6-1-84</i>	RESPONSE VERIFIED/CLOSED <i>Stan</i>	DATE <i>6-1-84</i>

NOTE - FOR TRACKED ACTION ITEMS ONLY, EXPLAIN CLEARLY OR REFERENCE ATTACHMENTS FOR:

1) CAUSE OF OBSERVED CONDITION 2) CORRECTIVE ACTION TAKEN 3) PREVENTIVE ACTION TAKEN

The following response is to clarify the response to your initial findings in NIR No. 22 as requested in Tracked Action Item 086.

Note: For ease of reading, the findings have been numbered per attachment A and have been grouped by subject.

Workprint station 219 is located with team 19. Distribution was done by Document Control and maintenance of the station was the responsibility of the team receiving the documents at the time of the audit. This workprint station has been transferred to a controlled satellite station (main library) and placed under the responsibility of document control for maintenance as well as distribution. All workprints audited were new workprints (either distributed after the stop work order or reviewed in the conversion/verification process). This program is in line with our corrective action plan submitted in response to MCARR-DAT-1.

1. Missing Documents (findings 1 and 11)

Documents were found to be missing at the workprint station. These have been corrected.

2. In-Process Work Activities (findings 2, 9, 17)

In all cases, distribution (distribution may include new documents or pullbacks) had been made from document control and the distribution date (distribution date of pullbacks are not given on the register but were obtained from a pullback call up from the computer) was noted on the register. In some cases, the attachments in question were pullbacks which had not been received by the station. Therefore, even though the register indicated an update, the station logs and documents had not been updated. The changes had not been posted by the personnel at the workprint station. Therefore, the amendment stamp on the front of the drawing and the logs were not updated accordingly. No unreasonable time delays were found. A procedure to clarify posting requirements (FPD-1.000) was issued on March 23, 1984. These findings would all be in compliance with the new procedural requirements of FPD-1.000 which requires posting be completed within three working days of the distribution date. Construction assistants were reminded that changes must be completed in three working days per new procedural requirements (FPD-1.000). Discrepancies listed have been corrected.

3. Update of Work Station logs and/or Amendment Stamps on front of drawing to reflect conversion/revision (findings 3, 4, 5, 6, 7, 8, 9, 10, 14, 16, 18)

Workprint station logs and/or amendment stamps on front of drawings were not updated to reflect workprints that had been converted/verified. Personnel were reminded of the need to update logs. Workprint maintenance requirements were reviewed with team personnel responsible for maintaining workprints.

This workprint station has been transferred to a controlled satellite document station (main library). Workprint station logs/cards have been standardized. Discrepancies listed have been corrected.

4. Conversion/Verification Errors (finding 12, 13)

Change paper had not been removed, therefore, the workprint station log and amendment stamp on the front of these drawings had not been revised. The change paper has been removed from these drawings and the amendment stamp on the front of the drawings and the workprint station log have been corrected.

5. Legibility (findings 19, 20)

Drawings were replaced. Workprint personnel were reminded of the need to check drawing legibility.

6. Miscellaneous (findings 3, 10, 15)

Finding 3 - FRL-1 was incorporated in drawing M-652-1-H130 Revision 1 and is presently not listed on the front of the drawing as indicated on the Audit Report.

Finding 10 - Drawing M-18-176 is revision 1 per the register and the sepia.

Finding 15 - Drawing M-18-370; there are 1064 pages including alpha and numeric pages. This total page count is used for microfilming.

NR No. 022 ATTACHMENT 1 OF 1

The following response is to clarify the response to your initial findings in NIR No. 23 as requested in Tracked Action Item 086.

Note: For ease of reading, the findings have been numbered per attachment B and have been grouped by subject.

Workprint station 209 is located with team 9. Distribution was done by Document Control and maintenance of the station was the responsibility of the team receiving the documents at the time of the audit. This workprint station has been transferred to a satellite controlled document station (main library) and placed under the responsibility of Document Control for maintenance as well as distribution. This program is in line with our corrective action plan submitted in response to MCARR-DAT-1. Workprints that had not completed the conversion/verification process or been distributed as new workprints since the lifting of the stop work orders had not been released by MPQAD for Q-work.

1. Old Workprints versus New Workprints

"Old" workprints were eliminated by April 14, 1984 in the field. The Document Control Assurance Group has not found any "old" workprints since April 14, 1984 and will continue to monitor. The new workprint process and copies of the workprint stamp are described in FPD-3.000.

2. Discrepancies between Registers and Information on Sticks (findings 5, 6, 7, 8, 9, 10, 11, 13, 15, 16)

In all drawings identified in these findings, the register reflects the new revision status which has been processed. However, none of these drawings (or change paper) had been distributed. The sticks should reflect previously distributed information. This "historical" information is available in System 38 and can be provided to the auditors upon request. This processing cycle information was reviewed in the audit entrance meeting.

Document Control has verified that all drawings and change paper that were noted on the audit report are correct on the sticks according to current distribution status. No further action is deemed necessary.

3. Misinterpretation of Register Revision Information and Miscellaneous Discrepancies (findings 21, 22, 23, 24)

The auditors reviewed the home office revision information as opposed to the field status which is the revision constructed to. (These are large bore isometrics which are revised in the field to add additional welding information. (See procedure FPP-1.000). Therefore the wrong information was reviewed in the register.

Document Control reviewed the drawings against the field status, noted discrepancies and took corrective action as follows:

- Finding (22) - FCR was removed
 - ICS stamp was placed on front of drawing
- Finding (23) - Status stamp was placed on front of drawing
- Finding (24) - ICS stamp was placed on front of drawing

4. Legibility (findings 2, 3, 5, 6, 7, 8, 9, 11, 12, 13, 14, 19, 23, 25, 26)

The Document Control Assurance Group reviewed these drawings at station 209 on May 23, 1984. It was found that four (4) of these drawings have been deleted from distribution for station 209. Nine (9) of these drawings have been superseded by later revisions and one (1) of these drawings was voided. In all cases, the review for legibility of the existing drawings found the drawings adequate for use by construction.

5. Change Paper not removed or added to Drawings (findings 4, 12, 17, 19)

Change paper had not been removed from or added to the drawings per pull back instruction. Discrepancies have been corrected.

6. Other Miscellaneous (findings 18, 20)

An FCN was not listed on the front but was attached. This is a clerical error and has been corrected.

Document Control is unable to verify the information in the audit report on finding 20. Additional information will be required.

7. Other Concerns noted on the Audit Report

a) Training

The construction assistant responsible for this workprint location attended training sessions on January 6, 1984 and January 10, 1984. Instructions on posting and other requirements of FPD-1.000 and FPD-3.000 were discussed. Document Control has also reviewed the requirements with the construction assistant since these training sessions.

b) Processes followed in Workprint Stations

These issues will be resolved when the workprint stations are maintained by Document Control as part of the Document Control Corrective Action Plan. Until this conversion is complete, Document Control will review training needs with the construction assistants and arrange for training as appropriate.

DOCUMENT NUMBER	REV DWG	REV REG	DOCUMENTS IN QUESTION	IN REG	LISTED ON FRONT	ATTCH. TO BACK	OTHER COMMENTS
1) M2EBD-38-1-H2	1	1					NOT ON FDDL (5TH LOG SHOWS TAKEN OFF 10-7-83.
2) 2CCB-15-3	4	4					LEGIBILITY.
3) 2CCB-39-2	5						LEGIBILITY
4) FSK-M-2CCB-101-1	1				NOT LISTED		
5) 2EBB-1-1	1	(2)					1) HOLD 3870 IS ATTACHED BUT NOT ON REGISTER 2) LEGIBILITY.
6) 2EBB-2-2	2	(4)					1) IDCN 3861 ATTACHED NOT ON REGISTER 2) LEGIBILITY.
7) FSK-M-2EBB-3-1	3	(4)					1) LEGIBILITY - IDCN 8968
8) 2EBB-3-2	4	(5)					1) FCR C-4139 ATTACHED BUT NOT ON REGISTER 2) IDCN 8978/FCR C-4139 LEGIBILITY
9) FSK-M-2EBB-4-1	3	(4)					1) IDCN 8191 PG#2 LEGIBILITY.
10) 2EBB-4-3	3	(4)					1) HOLD 3809 ATTACHED BUT NOT ON REGISTER.
11) 2EBB-7-4	1	(2)					1) IDCN 8299 ATTACHED BUT NOT ON REGISTER. 2) LEGIBILITY IDCN 8299 PG#2
12) 2EBB-7-5	0	0					1) FCR 6698 ATTACHED BUT NOT LISTED ON FRONT. 2) IDCN 8009 PG#2 LEGIBILITY
13) 2EBB-8-11	2	(3)					3) FCR M-6690/6698/C5485 ATTACHED BUT NOT ON REGISTER. 1) IDCN 8297/HOLD 3757 ATTACHED BUT NOT ON REGISTER 2) IDCN 8297 PG#2 LEGIBILITY
14) 2EBB-10-1	3	(4)					IDCN 6092 LEGIBILITY
15) 2ECB-7-1	3	3				FCR →	IDCN NOT WRITTEN ON FRONT OF DWG.
16) 2ECB-8-5	4	4					FCR M10146 NOT WRITTEN ON FRONT OF DWG.
17) 2HBC-160-1	2	2					1) FCN 6183 ATTACHED BUT NOT ON REGISTER 2) FCN 6183 NOT WRITTEN ON FRONT OF DWG.
18) 2HCD-82-6	6	6					1) FCN M-13620 NOT LISTED ON FRONT OF DWG. 2) DWG NOT ON DWG.
19) 2HCD-82-6	6	6					2) DWG NOT ON DWG.
20) 2HCD-82-6	6	6					2) DWG NOT ON DWG.

Item 086
Attachment B
Page 1 of 2

10F 2 ATTACHMENT B!

DOCUMENT NUMBER	REV DWG	REV REG	DOCUMENTS IN QUESTION	IN REG	LISTED ON FRONT	ATTCH. TO BACK	OTHER COMMENTS
19) ZHCD-555-1	1	1					1) FCN M-3638 ATTACHED NOT ON REGISTER 2) LEGIBILITY ON TOP OF FCN FCR M 9562 / FCN M 12871 ATTACHED BUT NOT ON FRONT OFF DRAWING. 1) FCR M-3701 ATTACHED NOT ON REGISTER 1) FCR 6834 ATTACHED NOT ON REGISTER 2) 205 STAMP NOT ON FRONT DRAWING 1) NO "STATUS STAMP" ON FRONT OF DRAWING 2) LEGIBILITY 1) ICS 4 NOT LISTED ON FRONT OF DRAWING 1) LEGIBILITY 2) IDCN 9382 PAGE 2 STRUCK-OUT IDCN 9311 PAGE 2 ILLEGIBLE
20) M-604 SHL	5	12					
21) M-604 SHL	11/F1						
22) M604 SHL	14/F2	14					
23) M604 SHL	14/F1	14					
24) M639-14	14/F1	14					
25) FSK-DVI-M-604-1	5	5					
26) FSK-DVI-M-604-B	7	7					
OTHER CONCERNS:							
1) PERSONNEL AT THE WORK PRINT STATION STATED THEY HAD NOT BEEN TRAINED TO WRITE CHANGE PAPER ON FRONT OF DRAWINGS. NO RECORD OF TRAINING EXISTS ON COMPANY RECORD / PRINTOUT. IT APPEARED PERSONNEL HAD NOT BEEN ADEQUATELY TRAINED.							
2) ACTIONS BY RECEIPT ORGANIZATIONS SUCH AS FILING, LOGGING AND CONTROL OF DOCUMENTS APPEAR TO VARY FROM STATION TO STATION.							