

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

DMB

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50-329  
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DATE	5/23/84
J.O. NO.	14509
P.O. NO.	
LTR. NO.	SWM-126
REF.	

VIA  
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<input type="checkbox"/> PRELIMINARY	<input type="checkbox"/> APPROVED AS REVISED AS DEFINED IN SPECIFICATION	<input type="checkbox"/> ADDITIONS	<input type="checkbox"/> CORRECTIONS	<input type="checkbox"/> USE	<input type="checkbox"/> INFORMATION
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YOUR ATTENTION IS DIRECTED TO THE FOLLOWING:

RELEASED FOR:  FABRICATION  PURCHASE OF NECESSARY MATERIALS

PLEASE REVISE AND SUBMIT \_\_\_\_\_ PRINTS \_\_\_\_\_ REPRODUCIBLES \_\_\_\_\_ MICROFILM APERTURE CARDS

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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 063

DISTRIBUTION:

- Job File C.3 (orig + 1)
- DLQuamme, CPCo
- NIRichel, CPCo
- RAWells, CPCo
- JGKeppler, NRC
- JJHarrison, NRC
- BLBurgess, NRC (site)
- APAmoruso (2)
- KRARndt/Chrono/Vault w/o attach(2)
- Initiator

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

8406010272 840523  
PDR ADOCK 03000329  
S PDR

IE01-11  
MAY 29 1984

Class  
Kishner  
3-15-84

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

ITEM NUMBER 063 | HOLD POINT NUMBER

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

REFERENCE(S) STATUS ASSESSMENT  
FPD 3.000 REV. 11 SECTION 8.0

**CONDITION DETAILS**

Status Assessment was being performed in Module 120D on March 13, 1984 using FSK prints that were not marked "Status Assessment Print" or with an expiration date. These prints were being used as referenced prints, and stamped "Uncontrolled not to be used for Construction."

See Attachment 1 for specific drawings and revisions.

NOTE: 3 drawings in use were of a later revision than available at Document Control  
2 drawings in use were out of date. The above condition was observed during a review of six reference drawings being used for status assessment.

YES (PAGE NO.'S) 1 |  NO

**ATTACHMENTS**

DATE RESPONSE REQ'D.	INITIATOR	DATE	INITIATION APPROVED/DATE
<u>3/21/84</u>	<u>JL Thompson</u>	<u>3/15/84</u>	<u>J. Khan 3-15-84</u>

**RESPONSE**

Attachment 2 provides the final response addressing your concerns delineated in Tracked Action Item 063.

\*CIO has reviewed CPCo's response to this item (i.e., Attachment 2 - provided under cover of CPCo Transmittal No. CSC-7772, dated 5-21-84) and considers it satisfactory, thereby closing CIO Item 063.

YES (PAGE NO.'S) 2 |  NO

**ATTACHMENTS**

EST. CORRECTIVE ACTION COMPLETION DATE	RESPONDENT	TITLE	DATE
<u>N/A.</u>	<u>[Signature]</u>	<u>Const. SPT</u>	<u>5/21/84</u>

RESPONSE ACCEPTED*	DATE	RESPONSE VERIFIED/CLOSED	DATE
<u>Richard Scollan</u>	<u>5-23-84</u>	<u>[Signature]</u>	<u>5-23-84</u>

\*NOTE: The ORIGINAL document was not returned with CPCo's response; i.e., this copy now serves as the original.

DRAWING NUMBER

REVISION INFIELD

REVISION IN DOCUMENT CONTROL

FSK JO 57  
FSK JO 63 SH.1  
FSK JO 66  
FSK JO 67 SH.1  
FSK JO 72 SH.1

Rev. 6  
Rev. 9  
Rev. 10  
Rev. 7  
Rev. 6

Rev. 5  
Rev. 10  
Rev. 9  
Rev. 8  
Rev. 5

The following is the final response to address your concerns delineated in your Tracked Action Item 063.

- I. As was reported in Tracked Action Item 063, three drawings (FSK JO 57, FSK JO 66, and FSK JO 72 sheet 1) in use as reference documents were of a later revision than available at Document Control. These three drawings were obtained from the Instrumentation Design Group prior to distribution by Document Control. Also, as was reported in Tracked Action Item 063, two drawings (FSK JO 63 sheet 1 and FSK JO 67 sheet 1) in use as referenced prints were out of date compared to the latest revision at Document Control. The two old revisions were being utilized as a reference document to determine if the items had been redesigned after installation and for the determination if an FCR, NCR or Punchlist Rework Entry was required. These reference documents were stamped "Uncontrolled not to be used for Construction."

A reverification using the current revisions has been completed on instrument installation #FSK-JB2-0045 which was previously status assessed using the five reference prints of incorrect drawing revisions, as was identified on the subject Tracked Action Item 063. The reverification revealed that no nonconforming conditions were missed when the system was status assessed using the incorrect reference drawing revisions.

It has been determined that this was an isolated case and that engineering personnel understand the requirements, based on the overviews performed by the status assessment "Self Appraisal Team" (SAT).

- II. To preclude recurrence of this situation, field engineering issued an administrative instruction #0-7487 on the use of Status Assessment Prints (SAP's) and associated reference documents. The use of status assessment prints and associated reference documents provides a solid field engineering base of system status during Phase 1 of the CCP.
- III. Field Engineering has developed Field Procedure FPG-9.990 to clarify and provide direction for the use of Status Assessment Prints (SAP's) and associated reference documents. This procedure was issued on May 21, 1984 and supersedes the Field Engineering Administrative Instruction #0-7487.

Training requirements for FPG-9.990 have been added to Field Procedure FPG-2.000 "Construction Training Program". Training will be completed and documented in accordance with the requirements of FPG-2.000.

In addition, the use of Field Engineering Administrative Instructions has been discontinued. All future changes, clarifications and interpretations of Field Procedures will be in accordance with FPG-1.000.

- IV. A system of check and balance is provided in the requirements of the CCP to assure that all installations are completed to the latest engineering criteria.

Prior to commencement of physical work in Phase II of the CCP, the latest criteria is again verified against the status assessment prints to determine if additional design changes have been made.

Additionally, during Phase II of CCP, the final installed system will be inspected by MPQAD-QC for acceptability to the latest design criteria.

If you have any questions, please contact Don Horn at extension 7704.