

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

DATE	1-6-84
J. O. NO.	14509
P. O. NO.	N/A
LTR. NO.	SWOC 84-002
REF.	N/A

50-329  
50-330

VIA

DEAR SIRs:

THE FOLLOWING ARE ☒ ATTACHED. ☐ SENT SEPARATELY:

TO D. L. QUAMME, CPCo Midland (site)

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

STATUS		PLEASE NOTE		SENT FOR YOUR	
<input type="checkbox"/> FINAL	<input 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 AS DEFINED IN SPECIFICATION	<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"/> FILES	<input type="checkbox"/> CONCURRENCE
<input type="checkbox"/> SUGGESTIONS AS NOTED	<input checked="" type="checkbox"/> OPEN			<input checked="" type="checkbox"/> ACTION	

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 _____ PRINTS _____ REPRODUCIBLES _____ MICROFILM APERTURE CARDS.	
<input type="checkbox"/> PLEASE SUBMIT _____ PRINTS _____ REPRODUCIBLES _____ 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.	

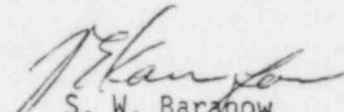
IMPORTANT SHOULD ANY REVISION TO DOCUMENTS OR DRAWINGS RETURNED HEREWITH INVOLVE A PRICE INCREASE, THE SUPPLIER MUST NOTIFY STONE & WEBSTER PURCHASING DEPARTMENT WITHIN TEN (10) DAYS, EVEN THOUGH A DEFINITE ESTIMATE CANNOT BE GIVEN AT THE TIME. OTHERWISE, THE PURCHASER WILL CONSIDER THE REVISIONS MADE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

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

Item 041

Item 042

Item 043

  
S. W. Barlow  
Program Manager

cc: JGKeppler, US NRC  
JJHarrison, US NRC  
✓RJCook, US NRC  
RAWells, CPCo  
CIO Site File

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PDR ADOCK 05000329  
PDR  
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<b>STONE &amp; WEBSTER</b> <b>CONSTRUCTION IMPLEMENTATION</b> <b>OVERVIEW</b> <b>MIDLAND NUCLEAR PLANT J.O. NO. 14509</b>		ITEM NUMBER 041		HOLD POINT NUMBER  	
REFERENCE(S) BPCo Letter of December 28, 1983, Serial #BCCC-8852, Emergency Diesel Generator, Transamerica Delaval, Inc., Request for Resumption of Installation		<input type="checkbox"/> TRACKED ACTION ITEM			
		<input checked="" type="checkbox"/> TRACKED INFORMATION ITEM			
		<input type="checkbox"/> TRACKED RECOMMENDATION ITEM			
		<input type="checkbox"/> UNTRACKED ITEM			
		<input type="checkbox"/> HOLD POINT NOTIFICATION			
<b>CONDITION DETAILS</b> The referenced letter indicates that BPCo is preparing for resumption of installation work on the emergency diesel generators.  BPCo Material Requisition 7220-M-18 (Q) requires that the emergency diesel generators be furnished in accordance with several listed BPCo specifications and drawings.  Additionally, this work may be affected by current activities relative to the evaluation of Phase III activities on FCRs/FCNs, vendor drawings and FSKs.  Therefore, please provide CIO with CPCo plans and schedules for assuring that prior to releasing the diesel generator installation work, the above issues are resolved. You are also requested to address your plans for covering other activities relevant to this work such as training/qualification of personnel, material control, installation control, etc.					
(Please see Sheet 2)		<input type="checkbox"/> YES (PAGE NO.'S) <input checked="" type="checkbox"/> NO			
<b>ATTACHMENTS</b>					
DATE RESPONSE REQ'D. 1/12/84		INITIATOR/DATE <i>[Signature]</i> 1-6-84		INITIATION APPROVED/DATE <i>[Signature]</i> 1-6-84	
RESPONSE					
<input type="checkbox"/> YES (PAGE NO.'S) <input type="checkbox"/> NO					
<b>ATTACHMENTS</b>					
EST. CORRECTIVE ACTION COMPLETION DATE		RESPONDENT		TITLE	
RESPONSE ACCEPTED		DATE		RESPONSE VERIFIED/CLOSED	
				DATE	

CONDITION DETAILS (continued)

After review of the requested information, CIO will determine whether in-process evaluation of CPCo actions will be conducted or a Hold Point will be established at the completion of CPCo action for CIO to assess the readiness to proceed.

<b>STONE &amp; WEBSTER</b> <b>CONSTRUCTION IMPLEMENTATION</b> <b>OVERVIEW</b> <b>MIDLAND NUCLEAR PLANT J.O. NO. 14509</b>		ITEM NUMBER 042		HOLD POINT NUMBER	
REFERENCE(S) Interoffice Memorandum, SWBaranow to DLQuamme, CPCo Training of 10/21/83. CPCo Letter, DLQuamme to SWBaranow, File 0655, B1.1.7, Serial CSM-0696 of 10/28/83		<input type="checkbox"/> TRACKED ACTION ITEM			
		<input checked="" type="checkbox"/> TRACKED INFORMATION ITEM			
		<input type="checkbox"/> TRACKED RECOMMENDATION ITEM			
		<input type="checkbox"/> UNTRACKED ITEM			
CONDITION DETAILS The above referenced documents refer to the formalization of procedures for the training of CPCo personnel (SMO) who will be performing tasks relative to the Construction Completion Program.  It is requested that these procedures be provided to CIO for review and evaluation.		<div style="text-align: right;"> <input type="checkbox"/> YES (PAGE NO.'S)           <input checked="" type="checkbox"/> NO         </div>			
ATTACHMENTS					
DATE RESPONSE REQ'D. 1/20/84		INITIATOR/DATE <i>J. E. [Signature]</i> 1-6-84		INITIATION APPROVED/DATE <i>J. E. [Signature]</i> 1-6-84	
RESPONSE					
<div style="text-align: right;"> <input type="checkbox"/> YES (PAGE NO.'S)           <input type="checkbox"/> NO         </div>					
ATTACHMENTS					
EST. CORRECTIVE ACTION COMPLETION DATE		RESPONDENT		TITLE	
RESPONSE ACCEPTED		DATE		RESPONSE VERIFIED/CLOSED	
				DATE	

<b>STONE &amp; WEBSTER</b> <b>CONSTRUCTION IMPLEMENTATION</b> <b>OVERVIEW</b> <b>MIDLAND NUCLEAR PLANT J.O. NO. 14509</b>		ITEM NUMBER 043		HOLD POINT NUMBER	
REFERENCE(S)      N/A		<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			
<p>CONDITION DETAILS: CIO Phase III evaluation of Architectural/Civil document control measures resulted in the findings listed in Attachment 1. CIO is aware that MPQAD Audit has resulted in similar conditions being identified and that these were reported in MQAR-DAT-1 dated 1-4-84.</p> <p>Please provide CIO with CPCo's plan for addressing the problems noted and for implementing and verifying corrective action on both MQAR-DAT-1 and this report. Your response should cover, but not necessarily be limited to the items in Attachment 2 to this report.</p> <p>Upon receipt of the above, CIO will evaluate the information and will establish any necessary CIO assessment plans and/or Hold Points and notify CPCo.</p>					
<input checked="" type="checkbox"/> YES (PAGE NO.'S) 3 <input type="checkbox"/> NO					
ATTACHMENTS					
DATE RESPONSE REQ'D. 1/13/83		INITIATOR/DATE <i>J. Elan</i> 1-6-84		INITIATION APPROVED/DATE <i>J. Elan</i> 1-6-84	
RESPONSE					
<input type="checkbox"/> YES (PAGE NO.'S) <input type="checkbox"/> NO					
ATTACHMENTS					
EST. CORRECTIVE ACTION COMPLETION DATE		RESPONDENT		TITLE	
RESPONSE ACCEPTED		DATE		RESPONSE VERIFIED/CLOSED	
				DATE	



PHASE III EVALUATION RESULTS  
DOCUMENT CONTROL

1. Drawing Registers Distribution Control
  - a) It is necessary to consult several registers to determine the correct distribution of controlled documents e.g. FDDL, Vendor Prints, FSK, Composite Register, Specifications, Revision Register etc.
  - b) Computer input errors in one or more registers compound 1a.
  - c) The System of retiring documents (The R Symbol) has inconsistencies between the flat files (drawer files) and the field blue lines.
  - d) The exemption list compounds problem 1a.
2. Document Control Field Stations
  - a) Existing controls (cards, registers, transmittals) do not readily identify controlled documents. Therefore, Field Stations cannot easily identify those documents they should have.
  - b) Some Stations follow the practice of de-controlling drawings. This practice is apparently not proceduralized.
  - c) Distribution and accuracy of information contained on sepia is inconsistent between DCC and Field Stations.
3. The FDDL is not representative of field drawing distribution (copies). Station 10: The following Design Drawings and Specifications have inconsistent quantity distribution. The Bechtel FDDL does not agree with the actual field count - Specification #C-195, C-197, C-198, C-200. Design Drawings #C-1492, C-1493-1, C-97, C-8 and C-2031.
4. Sheet numbers from Registers are inconsistent. For example Station 10: FSK 1060 shows in the Register as FSK 1060 sheet 7, however it should be Revision 7 with only one sheet. FSK 1062 shows in the Register as sheet 6 Revision 4, however it should be Revision 6 with only one sheet.
5. The exception list is constantly changing causing potential control problems. This situation indicates that a higher level Document Control Center may be required.
6. There is no way to verify the final disposition of controlled documents since transmittals for vendor prints are not receipt acknowledged.

7. At the time NIR 011 was written, Document Control Center could not supply any one source of information that could identify which documents were affected by the Retired Document Procedure (FID 2.100).
8. Change Documents are improperly posted on drawings. For example at Station 10, the Design Drawing C-2031-19 Revision 1 did not have FCR 6974 attached to the drawing. Other drawings had incorrect "R" designations. Some drawings have inapplicable Change Documents attached.
9. Given the total number of documents, the wide distribution and the number of changes. The sheer bulk of documentation is a problem and effort should be made to reduce the bulk.

CPCo CORRECTIVE ACTION PLAN  
INFORMATION REQUEST

1. CPCo plan for implementing and verifying corrective action on a generic basis with time phasing (schedule).
2. Plan for packaging corrective action measures by discipline, work station, etc., and method for presenting discrete work groups to CIO for evaluation.
3. Plans, if any, to pull back documents from field stations to affect corrective action.
4. Method for assuring the identification of all changes which affect all documents and for verification that Document Control and Field Stations are consistent in their records.
5. Method for identification of all data necessary for the control of distributed documents, discipline, stations, sheets, revisions, hanging paper, "R" status.
6. Any plans for reduction in the numbers of documents issued to/used by field stations or in the number of field stations themselves.
7. Since Bechtel drawings are distributed to off-site vendors and these drawings have FCRs/FCNs will they be subject to review?
8. Method for notifying CIO of progress in corrective action, readiness for CIO evaluation and, ultimately, CPCo lifting of Stop Work Orders (for CIO final evaluation of overall corrective action program).