

DMB

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

PRINCIPAL STAFF	
<input checked="" type="checkbox"/> RA	<input checked="" type="checkbox"/> PRP
<input checked="" type="checkbox"/> D/RA	<input checked="" type="checkbox"/> DE
<input checked="" type="checkbox"/> A/RA	<input checked="" type="checkbox"/> ORMSP
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50-329
50-330

DATE	5/17/84
J. O. NO.	14509
P. O. NO.	
LTR NO.	SWM-115
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 type="checkbox"/> NOTES OF CONFERENCE	
<input checked="" type="checkbox"/> DOCUMENTS			

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 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 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: FABRICATION PURCHASE OF NECESSARY MATERIALS

PLEASE REVISE AND SUBMIT _____ PRINTS _____ REPRODUCIBLES _____ MICROFILM APERTURE CARDS

PLEASE SUBMIT _____ PRINTS _____ REPRODUCIBLES _____ MICROFILM APERTURE CARDS OF DOCUMENTS DRAWINGS SHOP DETAILS

PLEASE RETURN ONE COPY EACH OF THIS MATERIAL BEARING YOUR APPROVAL OR COMMENTS

PLEASE ACKNOWLEDGE RECEIPT OF THIS MATERIAL BY SIGNING AND RETURNING THE ENCLOSED COPY OF THIS FORM

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 NIR(s) is (are) forwarded for your information:

- _____ 026 _____
- _____ 024 _____
- _____

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

DISTRIBUTION:

- Job File C.4.2 (orig + 1)
- DLOuamme, CPCo
- NReichel, CPCo
- RAWells, CPCo
- JGKeppler, NRC
- JJHarrison, NRC
- ELBurgess, NRC (site)
- APAmoruso (2)
- KRARndt/Chrono/Vault w/o attach(2)
- Initiator

8406060185 840517
PDR ADOCK 05000329
B PDR

JUN 4 1984
IE01
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STONE & WEBSTER MICHIGAN, INC.

NONCONFORMANCE IDENTIFICATION REPORT

DATE OF NONCONFORMANCE: 3/31/84 NIR NUMBER 026

IDENTIFICATION/LOCATION OF ITEMS:

(Controlled) Document Station 309/MPQAD

DESCRIPTION OF NONCONFORMANCE:

During the CIO's ongoing evaluation of Site Document Control (Station 309) CIO performed a sample inspection of documents contained at Work Print Station 309. The population was determined to be 2431, per 95/5 criteria, a sample of 125 documents were randomly selected. The sample was determined to be acceptable with two rejects and rejectable with three rejects. (Four documents were found to be discrepant as follows:)

1. Drawing C-130, Rev. 13 - FCR-C7070 is listed and attached to Drawing C-130, DCC's records indicate FCR is a "pullback". Station 309 notified February, 1984.
2. Drawing C-224, Rev. 7 - FCR-M6676 is listed and attached to Drawing C-224, DCC's records indicate FCR is a "pullback". Station 309 notified April, 1983.

INITIATOR [Signature] PROGRAM MGR [Signature]
 DATE 3/31/84 DATE 3/31/84

CORRECTIVE ACTION BY:

IDENTIFY ORGANIZATION TAKING CORRECTIVE ACTION

Based on CPCo Letter No. CSM-0772, dated May 8, 1984 (Attachment 1), and CPCo QAR No. RA-00176, Rev 0, dated April 9, 1984 (Attachment 2), CIO considers this NIR 026 satisfactorily closed.

VERIFICATION <u>(SAT)</u> UNSAT	NEW NIR#	CONCURRENCE
INITIATOR <u>Rich Scallan Rich Scallan 5/17/84</u>	N/A	PROGRAM MGR <u>[Signature]</u>
DATE <u>5-17-84</u>	DATE	DATE <u>5-17-84</u>

REMARKS

DESCRIPTION OF NONCONFORMANCE (Con't)

- *3. Drawing C-97, Rev. 6 - Drawing does not have "R" symbol. DDR shows drawing C-97 as having an "R" status. (incorrectly)
 - *4. Drawing C-852, Rev. 13 - Drawing has "R" symbol. DDR show no "R" symbol. (incorrectly)
- *Items 3 and 4 - Sepias were verified to have an "R" stamp which identifies discrepancies with register.



Dean L Quamme
Site Manager
Midland Project

Midland Project: PO Box 1963, Midland, MI 48640 • (517) 631-8650

May 8, 1984

Mr J E Karr
Stone & Webster Michigan, Inc
PO Box 1963
Midland, MI 48640

MIDLAND ENERGY CENTER PROJECT - GWO 7020
STONE & WEBSTER CONSTRUCTION IMPLEMENTATION OVERVIEW
NONCONFORMANCE IDENTIFICATION REPORT NO 026 DATED 3-23-84
FILE 24.2 SERIAL 27889 CSM-0772 LWW-16-84

In pursuance of Nonconformance Identification Report Number 026, an interim response is attached to address your concerns delineated in your Nonconformance Identification Report Form.

Should you or your staff have any questions on the content, contact Lonnie Worley at Extension 7707.

CC: DDJohnson, MEC
BHPeck, MEC
NIReichel, MEC
JGKepler, Regional Administrator, Region III
JJHarrison, Chief, Midland Section, Region III
BBurgess, NRC Resident Inspector
RAWells, MPQAD

RECEIVED

MAY 09 1984

S & W 128 CIO
J.O. NO. 14509.00

Serial 27885

2

Interim Response to Nonconformance Identification Report Number 026 dated March 31, 1984.

Station 309 is located with MPQAD-QC Document Control. Distribution is done by Document Control and maintenance of the station is the responsibility of the workprint station receiving the document.

The following items address each of the concerns identified:

1. Findings 1, 2.

- a) A pull back transmittal for FCR-C 7070 to Drawing C-130 was issued March 7, 1984 by FDCC. The change paper was not removed from the drawing at this area per pull back instructions. This was a clerical error and corrective action has been taken.
- b) A pull back transmittal cannot be located removing FCR-M6676 from Drawing C-224. The "construction is complete" status stamp on the back of the FCR was no longer applicable to the drawing. A review of Drawing C-224, Revision 7 at other areas reflected no discrepancies. Therefore, it is assumed that a pull back transmittal had been issued but the change paper was not removed from the drawing at Work Print Station 309.

2. Findings 3, 4.

- a) The register indicated that Drawing C-97, Revision 6 as having retired change paper against it. The drawing was distributed by FDCC without the appropriate stamping to reflect the correct status.

The drawings at recipient areas, as indicated on the FDDL, have been corrected.

A review will be made of the files in the reproduction center to ensure that all drawings reflect the appropriate retirement status as indicated on the DDR.

- b) Drawing C-852, Revision 13, was correct in reflecting a retired change paper status. On March 16, 1984, the DDR correctly reflected FCR C-2317 as retired against Drawing C-852.

On March 18, 1984, an operator error was made in requesting the type of report status to be printed from the System 38. Therefore, this DDR did not reflect Drawing C-852 as having retired change paper against it. This error was discovered by Document Control and the next printout of the register indicated the correct status.

3. Quality Action Request Number RA-00176 dated April 9, 1984 was written in response to Nonconformance Identification Report Number 026.



Consumers
Power
Company

...IDLAND PROJECT
QUALITY ACTION REQUEST SHEET
ORIGINAL
QUALITY ACTION REQUEST

QAR Number RA-00176

7. Date issued 4/9/84 8. Revision 0

9. Page 1 of 3

10. ASME Related
 Yes No

1. Requirement:
FPG 7.300 Rev 4
FPD 3.000 Rev 11
FPD 1.000 Rev 19

2. Deficiency Stone and Webster NIR-026 identifies the following deficiency during a C10 evaluation of controlled document Station 309:

(1) "Pullback" FCRs still at document station
(2) "Drawing Stamp" errors were identified

11. Potential 50.55(e)
 Yes No

3. QAR Originated by JELauen 4. Discipline/Division/Section PAP-Tech Services 5. Response Due Date 4/13/84 12. Date Reported to MPQA Mgr N/A

13. Action Item No. S06231	15. Item Priority 5	17. S/U Code PGM00	19. Action Organization Bechtel Field Document Control	20. QAR Reviewed by K J Hill
14. Discipline N/A	16. Trend Code ZD-5-0001	18. Resp Code BPCO-STF-G	21. Date 4/9/84	

22. Cause
SEE ATTACHED SHEET PAGE 4

23. Proposed Corrective Action
SEE ATTACHED SHEET PAGE 4

J. Brown

24. Responsible Organization/Person
Field Document Control / J. Brown

25. Proposed Completion Date
April 27, 1984

26. Disposition Concurrence

QAR Reviewer _____ Date _____ PQAE (ASME Only) _____ Date _____

27. Disposition Action Taken
See attached

28. Method of Disposition Verification

29. QAR Closed by
MPQAD _____ Date _____
PFOCE (ASME Only) _____ Date _____

Acceptable Unacceptable Superseding QAR

ONE & WEBSTER MICHIGAN, INC.

NONCONFORMANCE IDENTIFICATION REPORT

~~GRR PAGE 2 OF 2~~
Page 2 of 34
~~PAGE 1 OF 2~~
4/6/84

DATE OF NONCONFORMANCE: 3/31/84

NIR NUMBER 026

IDENTIFICATION/LOCATION OF ITEMS:
(Controlled) Document Station 309/MPQAD

DESCRIPTION OF NONCONFORMANCE:
During the CIO's ongoing evaluation of Site Document Control (Station 309) CIO performed a sample inspection of documents contained at Work Print Station 309. The population was determined to be 2431, per 95/5 criteria, a sample of 125 documents were randomly selected. The sample was determined to be acceptable with two rejects and rejectable with three rejects. (Four documents were found to be discrepant as follows:)

1. Drawing C-130, Rev. 13 - FCR-C7070 is listed and attached to Drawing C-130, DCC's records indicate FCR is a "pullback". Station 309 notified February, 1984.
2. Drawing C-224, Rev. 7 - FCR-M6676 is listed and attached to Drawing C-224, DCC's records indicate FCR is a "pullback". Station 309 notified April, 1983.

[Signature]
INITIATOR

PROGRAM MGR *[Signature]*

DATE 3/31/84

DATE 4-3-84

CORRECTIVE ACTION BY:
IDENTIFY ORGANIZATION TAKING CORRECTIVE ACTION

VERIFICATION	SAT	UNSAT	NEW NIR#	CONCURRENCE
INITIATOR			DATE	PROGRAM MGR
DATE				DATE

REMARKS

Jeff 4/6/84
~~Page 2 of 2~~
~~Page 3 of 3~~
PAGE 3 of 4

DESCRIPTION OF NONCONFORMANCE (Con't)

- *3. Drawing C-97, Rev. 6 - Drawing does not have "R" symbol. DDR shows Drawing C-97 as having an "R" status. (incorrectly)
 - *4. Drawing C-852, Rev. 13 - Drawing has "R" symbol. DDR show no "R" symbol. (incorrectly)
- *Items 3 and 4 - Sepias were verified to have an "R" stamp which identifies discrepancies with register.

Response to NIR 026, dated April 3, 1984; QAR RA-00176, dated April 9, 1984

Subject: Work Print Station 309

Work Print Station 309 is located with MPQAD-QC-Document Control. Distribution is done by Document Control and maintenance of the station is the responsibility of the work print station receiving the document.

Note: For ease of reading, the findings have been grouped by subject. The letter identification noted on the NIR has been retained for cross referencing.

1. Change Paper Not Removed From Drawings (Findings 1 and 2)

- (1) A pull back transmittal for FCR-C7070 to Drawing C-130 was issued March 7, 1984, by FDCC. The change paper was not removed from the drawing at this area per pull back instructions. This was a clerical error and corrective action has been taken.
- (2) A pull back transmittal cannot be located removing FCR-M6676 from Drawing C-224. The "Construction is Complete" status stamp on the back of the FCR indicated the FCR was no longer applicable to the drawing. A review of Drawing C-224, Revision 7 at other areas reflected no discrepancies. Therefore, it is assumed that a pull back transmittal had been issued but the change paper was not removed from the drawing at Work Print Station 309. Corrective action will be taken by April 18, 1984.

2. Discrepancies Between Register and Sticks (Findings 3 and 4)

- (3) The register indicated that Drawing C-97, Revision 6 as having retired change paper against it. The drawing was distributed by FDCC without the appropriate stamping to reflect the correct status.

The drawings at recipient areas, as indicated on the FDDL, have been corrected.

A review will be made of the files in the reproduction center to ensure that all drawings reflect the appropriate retirement status as indicated on the DDR. This review and any corrective action is scheduled to be complete by April 27, 1984.

- (4) Drawing C-852, Revision 13, was correct in reflecting a retired change paper status. On March 16, 1984, the DDR correctly reflected FCR C-2317 as retired against Drawing C-852.

On March 18, 1984, an operator error was made in requesting the type of report status to be printed from the System 38. Therefore, this DDR did not reflect Drawing C-852 as having retired change paper against it. This error was discovered by document control and the next print out of the register indicated the correct status.

No further corrective action is required.

J. A. Burns
4-18-84

STONE AND WEBSTER ENGINEERING CORPORATION
NONCONFORMANCE IDENTIFICATION REPORT

DATE OF NONCONFORMANCE: MARCH 23, 1984

NIR NUMBER 024

IDENTIFICATION/LOCATION OF ITEMS:

CONTROLLED DOCUMENT STATION 501 / DOCUMENT CONTROL CENTER

DESCRIPTION OF NONCONFORMANCE: DURING CIO'S ON GOING EVALUATION OF SITE DOCUMENT CONTROL, A RANDOM SAMPLE OF 200 DRAWINGS WAS SELECTED FROM THE 5533 DRAWINGS DISTRIBUTED TO STATION 501. OF THESE 200 DRAWINGS, THE FOLLOWING DISCREPANCIES WERE NOTED.

a) DWG. #A-871 SHEET 7. REVISION 1 WAS SHOWN IN THE SYSTEM 38 REGISTER (S-38-R) AS HAVING BEEN ISSUED TO THE FIELD ON 2-17-84. STATION 501 HAD REV. 0 ON THEIR STICK.

b) DWG. #C-397 REV 1 IS NOT LEGIBLE

c) DWG. #C-855. REV. 21 IS AT STATION 501 WITH ONLY DCN'S 20 & 21 ATTACHED. S-38-R SHOWS REV. 22 WAS ISSUED TO THE FIELD WITH ONLY FC-R-744R ATTACHED ON 2-23-84.

d) DWG. #C-898. REV 17 IS AT STATION 501 WITH DCN-18 AND

Burt J. Kasso
INITIATOR

PROGRAM MGR J. E. Lane

DATE MARCH 23, 1984

DATE 3-23-84

CORRECTIVE ACTION BY:

IDENTIFY ORGANIZATION TAKING CORRECTIVE ACTION

Based on CPCo Letter No. CSM-0770, dated May 4, 1984 (Attachment 1), and CPCo QAR No. RA-00156, Rev 0, dated March 29, 1984 (Attachment 2) CIO considers this NIR 024 satisfactorily closed.

2 5/17/84
3 5/17/84

VERIFICATION <u>(SAT)</u> UNSAT	NEW NIR# N/A	CONCURRENCE
INITIATOR <u>Rich Scallens</u>	DATE	PROGRAM MGR <u>J. E. Lane</u>
DATE <u>5/17/84</u>		DATE <u>5-17-84</u>

REMARKS

d-cont) FCR-7365 ATTACHED. S-38-R SHOWS REV. 18 WAS ISSUED ON 3-6-84 WITH ONLY FCR-7365 ATTACHED.

e) DWG. # C-1322 REV. 0 - ILLEGIBLE

f) DWG. SERIES M-401 THRU M-445 WERE MISSING FROM THE S-38-R AND COULD NOT BE VERIFIED.

g) DWG. SERIES C-1000 THRU C-1099 WERE MISSING FROM THE S-38-R AND COULD NOT BE VERIFIED.

h) DWG # M-524-1 REV 24/F1. NOT STAMPED "CONTROLLED."

i) DWG # M-524-1 REV 24/F1. S-38-R SHOWS THAT IDCN-9765 AND FCR C-6364 SHOULD BE ATTACHED, HOWEVER THESE ARE NOT ATTACHED AT STATION 501.

j) DWG. # M-658-13 REV. 8/F2. S-38-R SHOWS THAT ICS-7 SHOULD BE ATTACHED, HOWEVER THIS IS NOT ATTACHED AT STATION 501.

k) DWG # M-660-7 REV 15/F1. S-38-R SHOWS THAT IDCN'S 3872 AND 23852 SHOULD BE ATTACHED, HOWEVER THESE ARE NOT ATTACHED AT STATION 501.

l) DWGS. M-417-1B, M-431-1B, M439-2B, M-440A, M443A, AND M445-1 WERE FOUND TO BE

(-CONT.)

DISCREPANT AS DESCRIBED BELOW:

- 1) NOT SHOWN IN S-38-R - SEE ITEM f ABOVE.
 - 2) "INFORMATION ONLY" DRAWINGS IN A CONTROLLED DOCUMENT STATION.
 - 3) "INFORMATION ONLY" STAMP^{ink} WAS COPIED FROM THE ORIGINAL AND WAS THEREFORE BLUE IN COLOR, AND NOT AN ORIGINAL STAMP IN RED INK.
- m) LAYING IN ONE CORNER OF STATION 501 IS A COMPLETE SET OF UNCONTROLLED DRAWINGS. THESE DRAWINGS ARE ON STICKS AND ROLLED UP WITH RUBBER BANDS AROUND THEM



Midland Project: PO Box 1963, Midland, MI 48640 • (517) 631-8650

May 4, 1984

Mr J E Karr
Stone and Webster Michigan, Inc
P O Box 1963
Midland, MI 48640

MIDLAND ENERGY CENTER PROJECT - GW07020
STONE AND WEBSTER CONSTRUCTION IMPLEMENTATION OVERVIEW
NONCONFORMANCE IDENTIFICATION REPORT NUMBER 024 DATED 03-23-84
FILE 24.2 SERIAL 37885 CSM-0770 LWW-13-84

In pursuance of Nonconformance Identification Report number 024, a response is attached to address your concerns delineated in your Nonconformance Identification Report Form.

Should you or your staff have any questions on the content, contact Lonnie Worley at extension 7707.

D L Quamme
Site Manager

CC DDJohnson, MEC
BHPeck, MEC
NIREichel, MEC
TASpellman, MEC
JBKepler, Regional Administrator, Region III
JJ Harrison, Chief, Midland Section, Region III
BBurgess, NRC Resident Inspector
RAWells, MEC

RECEIVED

MAY 09 1984
S & W 107 CIO
J.O. NO. 14509.00

Serial 27885

Response to Nonconformance Identification Report number 024 dated March 23, 1984.

Station 501 is located in the radwaste building. Distribution as well as maintenance of this station is now the responsibility of FDCC. Centralization of distribution and maintenance activities on-site was part of the corrective action plan submitted in response to MCARR-DAT-1. This station has not been released by MPQAD to support Q-work.

The following items address each of the concerns identified:

1. Findings a, c, d. Drawing A-871, sheet 7 and C-855 did not have the current revisions on the sticks. Both of these drawings had already been identified as missing prior to the audit by the Document Control personnel manning Station 501. Corrections have been made. All other locations on distribution for these drawings were checked and the correct revision was at all other locations. The Document Control personnel manning the station have been reminded of the importance of obtaining missing drawings.

Drawing C-898, revision 17 is on the stick. Revision 18 was processed in Document Control on March 6, 1984. It has not been distributed and should not be on any construction sticks. Daily monitoring of total processing time will continue until the performance goal of forty-eight hours is reached.

2. Findings b, e. Drawing C-397, Revision 1 is an old drawing (1974) that may be considered illegible. Document Control has replaced this drawing and checked its legibility at all other locations. The Document Control Internal Audit Group will check for legibility as part of their checklist. This group is being formed as part of the Document Control Corrective Action Plan.

Drawing C-1422 was illegible. Corrective action has been taken. All other distribution points receiving C-1422 have been checked and the drawing was legible.

3. Findings f, g, l(1) Drawing series M-401 - M-445 and C-1000 - C-1099 are in the system 38 register (DDR). The Auditors were given sections of the registers as requested. The Auditors were informed that any additional drawings not on the sections given to them were available in Document Control on registers or through terminal call-up.

No request was made by the Auditors. No corrective action is deemed necessary by Document Control.

4. Findings i, j, k. The mechanical sticks have not been released for use as controlled drawings. Two signs, outside the door and near these sticks, indicate that employees must verify any mechanical drawings against the registers before use. If the current revision is not available, individuals must obtain the latest copy from Document Control. Station 501 is staffed full-time with Document Control personnel who provide assistance in reading registers.

Serial 27885

3

No corrective action is planned outside of our current program of establishing and releasing distribution stations.

5. Findings 1, 2, 3. There is no procedural requirements limiting the placement of "information only" drawings in controlled stations. All drawings stamped "for information only" are P&ID's. FPD-1000, revision 20 was issued on March 23, 1984 and allows P&ID's to be distributed as controlled documents.

The "information only" stamp was required to be placed on the original P&ID according to FPD-1.000, revision 19. Therefore, when copies were run the stamp would become black (xerox) or blue (blue line).

Document Control will proceed to comply with new procedural requirements as the mechanical documents in Station 501 are prepared for release.

6. Findings h, m. The Auditors noted that drawing M-524-1, revision 25/F1 was not stamped "controlled". Document Control checked the drawing on March 23, 1984 and found it was stamped "controlled".

Bundles of uncontrolled drawings are located in a corner of Station 501 on the floor wrapped with rubber bands. These drawings are being stored in Station 501 for use in bringing up another distribution station. We do not feel it is remotely possible that someone would mistake these drawings as those that are to be used by personnel within the station. In addition, the stations are staffed full-time with Document Control personnel if someone questioned their purpose. No corrective action is deemed necessary.

7. Quality Action Request number RA-00156 dated 03-29-84 was written in response to Nonconformance Identification Report number 024 and closed on 05-02-84.

LWW
5/4/84



MIDLAND PROJECT
QUALITY ASSURANCE DEPARTMENT
QUALITY ACTION REQUEST

6. QAR Number RA-00156	
7. Date Issued 3/29/84	8. Revision 0
9. Page <u>1</u> of <u>5</u>	
10. ASME Related <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

1. Requirement

FPG 7.300 Rev 4
FPD 3.000 Rev 11
FPD 1.000 Rev 19

2. Deficiency Stone and Webster NIR-024 identifies the following deficiencies during a CIO evaluation of controlled document station 501:

- 1) Attachments not referenced or attached
- 2) Illegible drawings
- 3) "Drawing stamp" errors have been identified
- 4) Superseded drawing on stick
- 5) Drawing series were missing from System 38 (DDR files) and could not be verified

11. Potential 50.55(e)
 Yes No

3. QAR Originated by <i>W. McDonald</i>		4. Discipline/Division/Section PAP - Tech Services	5. Response Due Date 4/05/84	12. Date Reported to MPQA Mgr N/A
13. Action Item No. SO-5722	15. Item Priority 5	17. S/U Code PGMOO	19. Action Organization Bechtel Field Document Control	20. QAR Reviewed by <i>P. Doe</i>
14. Discipline N/A	16. Trend Code ZD-5-0001	18. Resb Code BCPCo - STF-G		21. Date 3-29-84

22. Cause SEE ATTACHED SHEETS	23. Proposed Corrective Action SEE ATTACHED SHEETS
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24. Responsible Organization/Person DOCUMENT CONTROL	25. Proposed Completion Date 4-3-84
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26. Disposition Concurrence <i>P. Doe</i> 4/5/84 QAR Reviewer Date	NA SW 5/2/84 PQAE (ASME Only) Date
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27. Disposition Action Taken
SEE ATTACHED SHEETS
J. A. Brown

28. Method of Disposition Verification SEE ATTACHED FOR CLOSURE JUSTIFICATION.	29. QAR Closed by <i>SWorley</i> 5/2/84 MPQAD Date NA SW 5/2/84 PFQCE (ASME Only) Date
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MIDLAND PROJECT
QUALITY ASSURANCE DEPARTMENT

QUALITY ACTION REQUEST
CONTINUATION SHEET

QAR NO: RA-00156	
DATE: 3/29/84	REV: 0
PAGE <u>2</u> OF <u>5</u>	

(Block #2 continued)

6) Attachment status of drawings does not always reflect System 38 (DDR)

7) Possible uncontrolled drawings in a controlled drawing area

Response to NIR 024, dated March 23, 1984, QAR RA-00156, dated March 28, 1984

Subject: Controlled Document Station 501/Document Control Center

Station 501 is located in the radwaste building. Distribution as well as maintenance of this station is now the responsibility of FDCC. Centralization of the distribution and maintenance activities on site was part of the corrective action plan submitted in response to MCARR-DAT-1. This station has not been released by MPQAD to support Q-work.

Note: For ease of reading, the findings have been grouped by subject. The letter identification noted on the NIR has been retained for cross-referencing.

1. Wrong Revisions on Sticks (Findings a, c, d)

Drawings A-871, sheet 7 and C-855 did not have the current revisions on the sticks. Both of these drawings had already been identified as missing prior to the audit by the document control personnel manning station 501. Corrections have been made. All other locations on distribution for these drawings were checked and the correct revision was at all other locations. The document control personnel manning the station have been reminded of the urgency in obtaining missing drawings.

Drawing C-898, Rev. 17 is on the stick. Rev. 18 was processed in document control on March 6, 1984. It has not been distributed (as of March 23, 1984) and should not be on any construction sticks. No corrective action will be taken. Daily monitoring of total processing time will continue until the performance goal of 48 hours is reached.

2. Drawing legibility (findings b, e)

Drawing C-397, Rev. 1 is an old drawing (1974) that may be considered illegible. Document Control will replace this drawing and check its legibility at all other locations. The Document Control Internal Audit Group will check for legibility as part of their checklist. This group is being formed as part of the document control corrective action plan.

Drawing C-1422 was illegible. Corrective action has been taken. All other distribution points receiving C-1422 have been checked and the drawing was legible.

3. Inability to Verify Drawings Because They Were Missing From System 38 Register (Findings f, g, 1 (1))

Drawing series M-401 - M-445 and C-1000 - C-1099 are in the system 38 register (DDR). The auditors were given sections of the registers as requested. The auditors were informed that any additional drawings not on the sections given to them were available in document control on registers or through terminal call-up.

No request was made by the auditors. No corrective action is deemed necessary by document control.

4. Audit of Mechanical Drawings (Findings i, j, k)

The mechanical sticks have not been released for use as controlled drawings. Two signs, outside the door and near these sticks, indicate that employees must verify any mechanical drawings before use against the registers. If the current revision is not available individuals must obtain the latest copy from document control. Station 501 is staffed full-time with document control personnel who provide assistance in reading the registers.

No corrective action is planned outside of our current program of establishing and releasing distribution stations.

5. "Information Only" Drawings in Controlled Document Location (Findings 1, (2), (3))

There is no procedural requirement limiting the placement of "information only" drawings in controlled stations. All drawings stamped "for information only" are P&ID's. FPD-1.000, Rev. 19 required that all P&ID's be stamped "for information only". FPD-1.000, Rev. 20 was issued on March 23, 1984 and allows P&ID's to be distributed as controlled documents. There was no procedural violation, and no corrective action is deemed necessary by document control.

The "information only" stamp was required to be placed on the original P&ID according to FPD-1.000, Rev. 19. Therefore, when copies were run the stamp would, of course, become black (xerox) or blue (blue line). There is no procedural violation and no corrective action is planned.

Document Control will proceed to comply with new procedural requirements as the mechanical documents in station 501 are prepared for release.

6. Other Miscellaneous Findings (h, m)

The auditors noted that drawing M-524-1, Rev. 24/F1 was not stamped "controlled". Document Control checked the drawing on March 23, 1984 and found it was stamped "controlled". No corrective action is deemed necessary.

Bundles of uncontrolled drawings are located in a corner of station 501 on the floor wrapped with rubber bands. These drawings are being stored in the radwaste station for use in bringing up another distribution station. We do not feel it is remotely possible that someone would mistake these drawings as those that are to be used by personnel within the station. In addition, the stations are staffed full time with document control personnel if someone questioned their purpose. No corrective action is deemed necessary.

Summary

Based on the results of Bechtel internal auditing (QA) and a review of the responses to these findings station 501 appears to be meeting all document control requirements as well as the objectives of the document control action plan.

J. A. Brown

STONE AND WEBSTER ENGINEERING CORPORATION
NONCONFORMANCE IDENTIFICATION REPORT

NIR 024
Attachment 3
Sheet 6 of 14

DATE OF NONCONFORMANCE: MARCH 23, 1984

NIR NUMBER 024

IDENTIFICATION/LOCATION OF ITEMS:

CONTROLLED DOCUMENT STATION 501 / DOCUMENT CONTROL CENTER

DESCRIPTION OF NONCONFORMANCE: DURING CIO'S ON GOING EVALUATION OF SITE DOCUMENT CONTROL, A RANDOM SAMPLE OF 200 DRAWINGS WAS SELECTED FROM THE 5533 DRAWINGS DISTRIBUTED TO STATION 501. OF THESE 200 DRAWINGS, THE FOLLOWING DISCREPANCIES WERE NOTED.

a) DWG. #A-871 SHEET 7. REVISION 1 WAS SHOWN IN THE SYSTEM 38 REGISTER (S-38-R) AS HAVING BEEN ISSUED TO THE FIELD ON 2-17-84. STATION 501 HAD REV. 0 ON THEIR STACK.

b) DWG. #C-397 REV. 1 IS NOT LEGIBLE

c) DWG. #C-855. REV. 21 IS AT STATION 501 WITH ONLY DCN'S 20 & 21 ATTACHED. S-38-R SHOWS REV. 22 WAS ISSUED TO THE FIELD WITH ONLY FCR-7442 ATTACHED. ON 2-23-84.

d) DWG. #C-898. REV 17 IS AT STATION 501 WITH DCN-18 AND

Burt J. Kasoo
INITIATOR

PROGRAM MGR J. E. Kan

DATE MARCH 23, 1984

DATE 3-23-84

CORRECTIVE ACTION BY:

IDENTIFY ORGANIZATION TAKING CORRECTIVE ACTION

VERIFICATION SAT UNSAT
INITIATOR _____
DATE _____

NEW NIR# _____
DATE _____

CONCURRENCE
PROGRAM MGR _____
DATE _____

REMARKS

d-cont) FCR-7365 ATTACHED. S-38-R SHOWS REV. 18 WAS ISSUED ON 3-6-84 WITH ONLY FCR-7365 ATTACHED.

e) DWG. # C-1322 REV. 0 - ILLEGIBLE.

f) DWG. SERIES M-401 THRU M-445 WERE MISSING FROM THE S-38-R AND COULD NOT BE VERIFIED.

g) DWG. SERIES C-1000 THRU C-1099 WERE MISSING FROM THE S-38-R AND COULD NOT BE VERIFIED.

h) DWG # M-524-1 REV 24/FI. NOT STAMPED "CONTROLLED."

i) DWG # M-524-1 REV 24/FI. S-38-R SHOWS THAT IDCN-9765 AND FCR C-6364 SHOULD BE ATTACHED, HOWEVER THESE ARE NOT ATTACHED AT STATION 501.

j) DWG. # M-658-13 REV. 8/FE. S-38-R SHOWS THAT ICS-7 SHOULD BE ATTACHED, HOWEVER THIS IS NOT ATTACHED AT STATION 501.

k) DWG. # M-660-7 REV 15/FI. S-38-R SHOWS THAT IDCN'S 3872 AND 23852 SHOULD BE ATTACHED, HOWEVER THESE ARE NOT ATTACHED AT STATION 501.

l) DWGS. M-417-1B, M-431-1B, M439-2B, M-440A, M443A, AND M445-1 WERE FOUND TO BE

(-CONT.)

DISCREPANT AS DESCRIBED BELOW:

- 1) NOT SHOWN IN S-38-R - SEE ITEM f ABOVE.
- 2) "INFORMATION ONLY" DRAWINGS IN A CONTROLLED DOCUMENT STATION.
- 3) "INFORMATION ONLY" STAMP^{ed} WAS COPIED FROM THE ORIGINAL AND WAS THEREFORE BLUE IN COLOR, AND NOT AN ORIGINAL STAMP IN RED INK.

m) LAYING IN ONE CORNER OF STATION 501 IS A COMPLETE SET OF UNCONTROLLED DRAWINGS. THESE DRAWINGS ARE ON STICKS AND ROLLED UP WITH RUBBER BANDS AROUND THEM.

To LWWorley

FROM JMHarrison

DATE May 1, 1984

SUBJECT MIDLAND ENERGY CENTER PROJECT -
QAR RA-00156
FILE 17.0 SERIAL 27878

**Consumers
Power
Company**

INTERNAL
CORRESPONDENCE

LWW 8-84

CC

Response to NIR 024 dated March 23, 1984 controlled Document Station 501.

During overview conducted May 1, 1984 by Document Control Action Group items A through L were found to have been corrected.

- Item A Drawings A871 sheet 7 revision 1 on stick files at Station 501.
- Item B Drawings C-397 (new copy requested per reproduction request number 24530 (attached)).
- Item C Drawing C-855 R-22 with attachments DCN 22/FCR 7442 per DDR (DCN(s) 20 and 21 incorporated on revision 22)
- Item D Drawing C-898 R-18 on stick files FCR 7365 attached (DCN 18 incorporated revision 18)
- Item E Drawing C-1322 R-0 legible copy on stick files at Station 501.
- Item F Series M-401 through M-445 are on DDR.
- Item G Drawing series C-1000 through C-1099 are on DDR.
- Item H Drawing M-524-1 revision 24/F1 is stamped controlled.
- Item I Drawing M-524-1 revision 24/F1 -IDCN 9765 and FCR - 6364 are attached to drawing at Station 501.
- Item J Drawing M-658-13 revision 8/F2 - IDCN 7 is attached at Station 501.
- Item K Drawing M-660-7 revision 15/F1 IDCN 3872 was pulled back 04-18-84 (attached) IDCN 23852 attached to revision 15/F1 at Station 501.
- Item L (See item F above)
- Item M (See item 6 QAR RA-00156) Drawings are stored in area and controlled by clerk in Station 501.

ITEM NO.

PULLBACK

Bechtel Power Corporation
 DISTRIBUTION LOG/TRANSMITTAL LOG

PULLBACK

DOCUMENT CONTROL DIVISION
 JOB TYPE

FORM NO. 602
 REVISED 05/77

REVISED BY: _____
 DATE: _____

BY: Chen
 DATE: 4-11-84

ALL REFERRED DOCUMENTS SHOULD BE ORDERED OR DESTROYED

NO.	DRAWING NO.	REV.	QTY	DOC TYPE	DO#	FOR	FOR	FOR	MECHTEL DIST.	CONSUMERS DIST.	W.P. DIST.	SVO DIST.
1	FSK-M	0	3	SPIR	3193	SBY/DON	SBY/DON	SBY/DON	438 501		30512	30512
2	2E68-4-3	0	0	SAS	3193	SBY/DON	SBY/DON	SBY/DON	438 501		30512	30512
3	FSK-M	0	0	SAS	3172	SBY/DON	SBY/DON	SBY/DON	438 501		30512	30512
4	2NCB-154-2-N4	1	14	MD	3172	SBY/DON	SBY/DON	SBY/DON	438 501		30512	30512
5	M-660	7	14	MD	3172	SBY/DON	SBY/DON	SBY/DON	438 501		30512	30512
6	M-660	7	14	MD	3172	SBY/DON	SBY/DON	SBY/DON	438 501		30512	30512
7	E 36	0	11	EG	3130	SBY/DON	SBY/DON	SBY/DON	438 501		30512	30512
8	E 37	0	11	EG	3134	SBY/DON	SBY/DON	SBY/DON	438 501		30512	30512
9	E 46	0	58	EH	3130	SBY/DON	SBY/DON	SBY/DON	438 501		30512	30512
10	E 408	0	17	ES	30624	SBY/DON	SBY/DON	SBY/DON	438 501		350	350
11	E 606	2	9	EJ	3134	SBY/DON	SBY/DON	SBY/DON	438 501		307	307
12	E 607	2	9	EJ	3134	SBY/DON	SBY/DON	SBY/DON	438 501		307	307
13	E 608	2	9	EJ	3134	SBY/DON	SBY/DON	SBY/DON	438 501		307	307
14	E 609	2	11	EJ	3134	SBY/DON	SBY/DON	SBY/DON	438 501		307	307

NOTES: ALL PULLBACKS MUST BE DESTROYED. * EXTENSIVE APPROVALS (S) FINAL APPROVALS (F) FINAL APPROVAL WITH NO INTERIM APPROVALS (I) NETWORK ATTACHMENT AGAINST DOCUMENT

DATE TO ALL ATTACHED RETIRED PULLBACKS KEPT FOR RETIREMENT STORAGE. ANNOTATED ON PARENT DOCUMENTS. Ref FID 2.100

REPRODUCTION REQUEST

Date Requested 3-28-84 Requested By D. Bedore Approved By _____

Date Required ASAP Area 501 Ext. 7057 Return Original _____

TYPE OF REQUEST (Check One Request Type ONLY)

Full Size <input checked="" type="checkbox"/>	Xerox _____	Manuals _____
Half Size _____	Specs. _____	Intra-Office _____
FSK _____	Corres. _____	

DOCUMENT IDENTIFICATION NUMBER

NUMBER OF PAGES NUMBER OF COPIES

(ITEM B)

- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____

	1

OPERATOR
<u> </u>
DATE
<u> </u>

INSTRUCTIONS FOR COPIES:

PAPER SELECTION:

Blueprint _____

Sepia _____

Vellum _____

Mylar _____

White _____

Color Choice _____

3-Hole Drilled: _____

Left _____

Right _____

Bottom _____

Top _____

STAPLED:

Left _____

Right _____

Bottom _____

Top _____

STAMP: (All Issue Documents will be stamped UNCONTROLLED unless otherwise noted)

UNCONTROLLED _____

FOR INFORMATION ONLY _____

ISSUED FOR BIDS _____

CONTROLLED REPLACEMENT _____

READY FOR DISTRIBUTION _____

NO STAMP REQUIRED _____

SIZE:

8 1/2 x 11 _____

8 1/2 x 14 _____

Half Size _____

Reduced _____

Other _____

SPECIAL INSTRUCTIONS

Two-Sided _____

Copy Lighter _____

Copy Darker _____

Paper Clipped _____

Sorted (but not stapled) _____

COMMENTS:

Controlled replacement

STONE AND WEBSTER ENGINEERING CORPORATION
NONCONFORMANCE IDENTIFICATION REPORT

NIR 024
Attachment 3
Sheet 12 of 14

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Burt J. Kason
INITIATOR

PROGRAM MGR

J. E. Kew

DATE MARCH 23, 1984

DATE

3-23-84

CORRECTIVE ACTION BY:

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VERIFICATION SAT UNSAT

NEW NIR#

CONCURRENCE

INITIATOR _____

PROGRAM MGR _____

DATE _____

DATE

DATE _____

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