



Consumers
Power
Company

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and Construction

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June 25, 1986

Director of Office of Inspection
and Enforcement
Att Mr James M Taylor
US Nuclear Regulatory Commission
Washington, DC 20555

MIDLAND PROJECT - ALAB-106 MONTHLY
REPORT FOR MAY 1986
DOCKET NOS 50-329 AND 50-330
FILE 0.4.6 SERIAL 32735

In accordance with Condition of Memorandum and Order ALAB-106, dated March 23, 1973, and Amendment No 1 of the Midland Plant Construction Permit, enclosed are five copies of the following documents written or closed during the month; Bechtel Nonconformance Reports, Quality Action Requests, Management Corrective Action Reports, Quality Audit Findings; Babcock & Wilcox Reports of Nonconformity; Consumers Power Company Nonconformance Reports, Audit Finding Reports, Quality Action Requests, Corrective Action Reports, and Management Corrective Action Requests/Reports.

James W. Cook

JWC WRB/lr

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CBechhoefer, Esq, ASLB (w/enc)
ALAB-106 Service List (w/enc)

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PDR ADOCK 05000329
S PDR

7C0686-0043A-MP02

*IE31
1/1
Add: T. Michaels*

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INDEX OF ATTACHMENTS
ALAB-106 MONTHLY REPORT
MAY 1986

Bechtel Nonconformance Reports - None

Bechtel Quality Action Requests - None

Bechtel Management Corrective Action Reports - None

Bechtel Quality Audit Findings - None

Babcock & Wilcox Reports of Nonconformity - None

Consumers Power Company Nonconformance Reports -

Q-00072, Opened 5/1/86

Q-00073, Opened 5/8/86, Closed 5/8/86

Q-00074, Opened 5/12/86, Closed 5/12/86

Q-00075, Opened 5/12/86, Closed 5/12/86

Q-00076, Opened 5/12/86, Closed 5/12/86

Q-00077, Opened 5/12/86, Closed 5/12/86

Q-00078, Opened 5/14/86

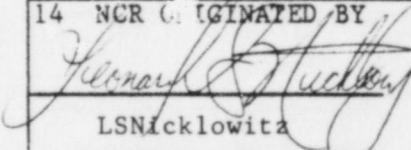
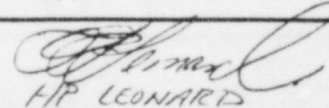
Q-00079, Opened 5/19/86, Closed 5/29/86

Consumers Power Company Audit Finding Reports - None

Consumers Power Company Quality Action Requests - None

Consumers Power Company Corrective Action Reports - None

Consumers Power Company Management Corrective Action Request/Reports - None

QUALITY ASSURANCE DIVISION FORM QAD-1 NONCONFORMANCE REPORT		15 NCR NO. Q-00072 16 DATE ISSUED 5/1/86 18 PAGE <u>1</u> OF <u>2</u>	17 REV. 0
1 ITEM LOCATION Various design drawings			
2 DRAWING OR PART NO. AND REV. Various	3 PART NAME Various	4 SERIAL NO. N/A	
5 ITEM DESCRIPTION Various design drawings, as identified in the results of Construction System Associates Inc. (CSA) report on their computer processing of Midland design input (drawings) for Unit 2 containment.			
6 ITEM STARTUP SYSTEM NO. Various	7 REFERENCE DOCUMENT QA-006, Rev. 4	8 ASME A.N.I. REQUIRED No	
9 INSPECTION PLAN REV. N/A	10 ACTION ORGANIZATION Engineering Technical Support		
11 ACTIVITY HOLD REQUIRED: ___ YES ___ X NO		ACTIVITY HOLD ORDER NO. N/A	
12 REQUIREMENT Section 4.2.2 of procedure QA-006, revision 4 states in part ... "When a nonconformance is reported to or detected by QAD personnel, QAD is responsible for: ... d. Documenting the nonconformance on a NCR (Appendix A)." (1 copy of DPNs sent to Document Control with original NCR; 1 copy of DPNs kept with copy of the NCR in the QAD NCR file.)			
13 NONCONFORMANCE Consumers Power Company received a report from CSA on their computer processing of our design input (drawings) for Unit 2 containment. From approximately 1000 drawings processed, 86 Drawing Problem Notices (DPNs) were generated. These were made up of 34 interference and 52 dimension-labeling type problems. The discrepancies identified are considered indeterminate conditions due to DCNs, FCNs and FCRs which may have been in the process of being incorporated at the time of shutdown.		14 NCR ORIGINATED BY  LSNicklowita DATE 5/1/86	
19 HOLD TAG APPLIED ___ YES ___ X NO ITEMS SEGREGATED ___ YES ___ X NO	20 LOCATION OF HOLD TAGS OR SEGREGATED AREA N/A		
21 NEED TO REVIEW FOR REPORTABILITY ___ YES ___ X NO	23 NCR REVIEWED BY  DATE 5/1/86 HP LEONARD		
22 DETERMINED TO BE REPORTABLE ___ YES ___ NO N/A	24 SECTION HEAD, ASSURANCE ENGINEERING		

25 CAUSE

33 PAGE 2 OF 2

26 PROCESS CORRECTIVE ACTION REQUIRED YES NO

27 RECOMMENDED DISPOSITION

REWORK SCRAP/REJECT REPAIR* USE AS IS*

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

28 ADDITIONAL INFORMATION

29 DISPOSITION CONCURRENCE

ACTION ORGANIZATION DATE QAD CONCURRENCE DATE

ENGINEERING DATE A.N.I. (ASME) IF REQUIRED

30 DISPOSITION ACTION TAKEN

31 METHOD OF DISPOSITION ACTION VERIFICATION

RESULTS OF DISPOSITION ACTION VERIFICATION

ACCEPTABLE UNACCEPTABLE

IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR NUMBER _____

32 NCR CLOSED BY

QAD DATE

A.N.I. (ASME) DATE
IF REQUIRED

QUALITY ASSURANCE DIVISION FORM QAD-1 NONCONFORMANCE REPORT		15 NCR NO. Q-00070	17 REV. 0
		16 DATE ISSUED 5/14/86	
		18 PAGE <u>1</u> OF <u>1</u>	
1 ITEM LOCATION Aux Bldg. RM. 21			
2 DRAWING OR PART NO. AND REV. NA	3 PART NAME NA	4 SERIAL NO. NA	
5 ITEM DESCRIPTION SEE BLOCK 13			
6 ITEM STARTUP SYSTEM NO. NA	7 REFERENCE DOCUMENT W.O. 2250 0092	8 ASME A.N.I. REQUIRED NA	
9 INSPECTION PLAN REV. W.O. 500092-01 REV. 5	10 ACTION ORGANIZATION O + M		
11 ACTIVITY HOLD REQUIRED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		ACTIVITY HOLD ORDER NO.	
12 REQUIREMENT W.O. STEP 2 STATES IN PART " INTERIOR OF FACILITIES TO BE FREE OF STANDING / PUDDLED WATER "			
13 NONCONFORMANCE Aux. Bldg. RM. 21 HAS APPROX. 3"-4" OF STANDING WATER ON THE FLOOR. THIS ITEM WAS COORDINATED WITH OPERATIONS ON 4/21/86 TO BE DRAINED; HOWEVER, THE FLOOR DRAIN HAS NOT YET BEEN OPENED.			
		14 NCR ORIGINATED BY Mlt Or 5/14/86 DATE	
19 HOLD TAG APPLIED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ITEMS SEGREGATED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	20 LOCATION OF HOLD TAGS OR SEGREGATED AREA NA		
21 NEED TO REVIEW FOR REPORTABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	23 NCR REVIEWED BY JOHN L. WOOD JR. DATE John L. Wood 5/14/86		
22 DETERMINED TO BE REPORTABLE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	24 SECTION HEAD, ASSURANCE ENGINEERING NA		

Cause of water unknown. It is suspected that accumulation of leakage around the Containment and Aux. bldg. wall coupled with a plugged floor drain led to the eventual water problem.

26 PROCESS CORRECTIVE ACTION REQUIRED YES NO

27 RECOMMENDED DISPOSITION

REWORK SCRAP/REJECT REPAIR* USE AS IS*

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

28 ADDITIONAL INFORMATION

Efforts are currently under way to drain off the 3-4" of standing water in this area, and work requests were initiated when the problem was first discovered, on 4/24/86, to have the floor drains cleared. Forecast for completion; 6/15/86.

29 DISPOSITION CONCURRENCE

<u>S. F. Greve</u>	<u><i>[Signature]</i></u>	<u>5/20/86</u>	<u><i>[Signature]</i></u>	<u>5/20/86</u>
ACTION ORGANIZATION		DATE	QAD CONCURRENCE	DATE
ENGINEERING		DATE	A.N.I. (ASME) IF REQUIRED	

30 DISPOSITION ACTION TAKEN

Water was drained on 5/19/86. Forecast date only for completion of work order.

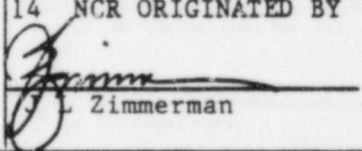
31 METHOD OF DISPOSITION ACTION VERIFICATION

RESULTS OF DISPOSITION ACTION VERIFICATION

ACCEPTABLE UNACCEPTABLE
IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR NUMBER _____

32 NCR CLOSED BY

_____	_____
QAD	DATE
_____	_____
A.N.I. (ASME) IF REQUIRED	DATE

QUALITY ASSURANCE DIVISION FORM QAD-1 <div style="text-align: center;">NONCONFORMANCE REPORT</div>		15 NCR NO. Q-00073	17 REV. 0
		16 DATE ISSUED 5/8/86	
		18 PAGE <u>1</u> OF <u>2</u>	
1 ITEM LOCATION Zack Fab shop area and QC Hold area - Poseyville Laydown area			
2 DRAWING OR PART NO. AND REV. N/A	3 PART NAME 4 x 4 x 1/2 tube steel	4 SERIAL NO. MCN-C1060-2	
5 ITEM DESCRIPTION Square tubing, 4 x 4 x 1/2 - (20 ft lengths) 200 ft total			
6 ITEM STARTUP SYSTEM NO. PGM-00	7 REFERENCE DOCUMENT Zack Field Procedure MB-FQCP-1 rev. 4	8 ASME A.N.I. REQUIRED N/A	
9 INSPECTION PLAN REV. N/A	10 ACTION ORGANIZATION N/A		
11 ACTIVITY HOLD REQUIRED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		ACTIVITY HOLD ORDER NO. N/A	
12 REQUIREMENT This NCR is issued in accordance with procedure QA-006, rev. 4 Midland Project Shutdown Organization Procedure Manual, to close original MPQAD NCR H-00379-ZZ for support of shutdown activities. Zack Purchase Order C-1060 dated 2/7/80 specified 4 x 4 x 1/2 square tubing and identified the line item to be 1060-2.			
13 NONCONFORMANCE Square tubing, 4 x 4 x 3/16 was found in job site stock marked MCN #1060-2. No purchase orders have been found for 4 x 4 x 3/16 tube steel. Therefore, this material has no traceability. Recommended Corrective Action: Identify all locations of installed material associated with MCN-1060-2 and provide documented evidence that all material installed is of the correct size.			
		14 NCR ORIGINATED BY  L. Zimmerman DATE 5/8/86	
19 HOLD TAG APPLIED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ITEMS SEGREGATED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	20 LOCATION OF HOLD TAGS OR SEGREGATED AREA Zack Fab Shop - QC Hold area		
21 NEED TO REVIEW FOR REPORTABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	23 NCR REVIEWED BY <u>John L. Wood Jr</u> DATE <u>5/8/86</u>		
22 DETERMINED TO BE REPORTABLE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <u>KLA</u>	24 SECTION HEAD, ASSURANCE ENGINEERING <u>[Signature]</u>		

25 CAUSE

Based on material records. All usage of this material has been investigated for 3/16" wall thickness. All pieces have been identified in this NCR that have 3/16" wall thickness. Use of 3/16" wall material in Hanger #28.1, V07 sh 3 approved by FCR-C6093. One piece tagged at Fab Shop/Poseyville yard to be sent to an independent testing lab for chemical and physical properties testing. Other tagged piece to be scrapped.

- 2. 5/8/86 a) 3' piece 4 x 4 x 3/16 tube steel located in QC Hold area.
- b) 6' piece 4 x 4 x 3/16 tube steel located at Poseyville sold as scrap at last auction held in Fall of 1985.
- c) FCR C-6093 approved 36' to be used in Hgr. 28.1, V07 sh 3.

26 PROCESS CORRECTIVE ACTION REQUIRED YES NO

27 RECOMMENDED DISPOSITION

REWORK SCRAP/REJECT REPAIR* USE AS IS*

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

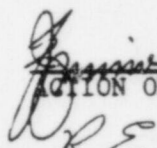
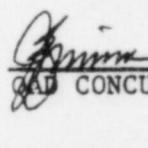
28 ADDITIONAL INFORMATION

To allow disposal of 4 x 4 x 3/16 and 4 x 4 x 1/2 tube steel marked MCN 1060-2 to Salvage/Sales Dept. for support of shutdown activities.

5/8/86 - Inventory identified approximately 155 of 4 x 4 tube steel marked MCN 1060-2 located at Zack Fab Shop area.

Summary - QC Hold - 3' FCR C-6093 - 36'
 Poseyville - 6' Inventory - 155' total - 200'

29 DISPOSITION CONCURRENCE

	5/8/86		5/8/86
ACTION ORGANIZATION	DATE	QA CONCURRENCE	DATE
RE Whitaker	5/8/86		
ENGINEERING	DATE	A.N.I. (ASME) IF REQUIRED	

30 DISPOSITION ACTION TAKEN

ALL MATERIAL HAS BEEN ACCOUNTED FOR - MATERIAL HAS BEEN RELEASED TO SALES/SALVAGE FOR OFF SITE DISPOSAL.

31 METHOD OF DISPOSITION ACTION VERIFICATION
 VISUAL/MEASUREMENT ACCOUNTABILITY

RESULTS OF DISPOSITION ACTION VERIFICATION

ACCEPTABLE UNACCEPTABLE

IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR NUMBER _____

32 NCR CLOSED BY

 5/8/86
 DATE

A.N.I. (ASME) IF REQUIRED DATE

QUALITY ASSURANCE DIVISION FORM QAD-1	15 NCR NO. Q-00074 17 REV. 0 16 DATE ISSUED 5/12/86 18 PAGE <u>1</u> OF <u>2</u>
NONCONFORMANCE REPORT	

1 ITEM LOCATION
 QA Hold Area - Zack Fab Shop 8'-10½" So of C 2'-0" West of 8.7
 Module 102B - Aux bldg. Duct Cr. elevation-616'-0"

2 DRAWING OR PART NO. AND REV. M504 Sh 2 Rev 26 V4 Sh 2 Rev 7/Duct 368	3 PART NAME V4 Sh 2 Rev 7 Duct 368/F25744	4 SERIAL NO. N/A
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5 ITEM DESCRIPTION
 HVAC Duct segment

6 ITEM STARTUP SYSTEM NO. OGLB	7 REFERENCE DOCUMENT BPCo Tech Spec 7220-M-151A (Q) Rev 15	8 ASME A.N.I. REQUIRED N/A
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9 INSPECTION PLAN REV. H-5-B (Log #58) 1	10 ACTION ORGANIZATION QAD
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11 ACTIVITY HOLD REQUIRED: YES X NO
 ACTIVITY HOLD ORDER NO. N/A

12 REQUIREMENT
 1. Bechtel Technical Spec. 7220-M-151A (Q) Rev 15, paragraph 14.8.2 states in part, "Grinding...shall not reduce the weld or base metal to below the minimum thickness required by the design."

13 NONCONFORMANCE
 1. Seven (7) grinder gouges exist in duct #368 which exceed the above stated requirements.
 NOTE: This NCR is issued closed and also closes MPQAD NCR H-00336-ZZ dated 1-20-84.

14 NCR ORIGINATED BY J L Zimmerman	5/12/86 DATE
---	-----------------

19 HOLD TAG APPLIED <u> X </u> YES <u> </u> NO ITEMS SEGREGATED <u> X </u> YES <u> </u> NO	20 LOCATION OF HOLD TAGS OR SEGREGATED AREA QA Hold Area - Zack Fab Shop
---	---

21 NEED TO REVIEW FOR REPORTABILITY <u> </u> YES <u> X </u> NO	23 NCR REVIEWED BY <u>John C Wood Jr</u> DATE <u>5/12/86</u>
--	---

22 DETERMINED TO BE REPORTABLE <u> </u> YES <u> </u> NO NA	24 SECTION HEAD, ASSURANCE ENGINEERING
--	--

Item inspected during fabrication stage of duct segment at Zack Fab Shop. Zack Field Engineer disposition deemed inadequate and unacceptable.

26 PROCESS CORRECTIVE ACTION REQUIRED YES NO

27 RECOMMENDED DISPOSITION

REWORK SCRAP/REJECT REPAIR* USE AS IS*

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

28 ADDITIONAL INFORMATION

29 DISPOSITION CONCURRENCE

J. J. J. 5/12/86
 ACTION ORGANIZATION DATE
R. E. Whitaker 5/12/86
 ENGINEERING DATE

J. J. J. 5/12/86
 CONCURRENCE DATE
 A.N.I. (ASME) IF REQUIRED

30 DISPOSITION ACTION TAKEN

Duct segment removed from QC Hold Area (Zack) and transported to Poseyville Laydown scrap area for disposal

31 METHOD OF DISPOSITION ACTION VERIFICATION

Actual-
 RESULTS OF DISPOSITION ACTION VERIFICATION
 ACCEPTABLE UNACCEPTABLE
 IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR NUMBER _____

32 NCR CLOSED BY

J. J. J. 5/12/86
 QAB DATE
 A.N.I. (ASME) DATE
 IF REQUIRED

QUALITY ASSURANCE DIVISION FORM QAD-1 NONCONFORMANCE REPORT	15 NCR NO. 0-00075	17 REV. 0
	16 DATE ISSUED 5/12/86	
	18 PAGE <u>1</u> OF <u>2</u>	

1 ITEM LOCATION
 Zack Fab Shop

2 DRAWING OR PART NO. AND REV. V09 Sh 1 Rev 7 C848 Rev 14	3 PART NAME Flex Connection #294 F16086	4 SERIAL NO. N/A
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5 ITEM DESCRIPTION
 Flexible Duct Connection

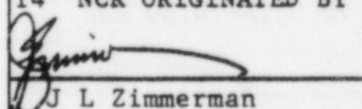
6 ITEM STARTUP SYSTEM NO. OGLB	7 REFERENCE DOCUMENT 7220-M151A(Q) Rev 19 Dwg C848 Rev 14	8 ASME A.N.I. REQUIRED N/A
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9 INSPECTION PLAN REV. H5D Log 84195 0	10 ACTION ORGANIZATION QAD
---	-------------------------------

11 ACTIVITY HOLD REQUIRED: YES X NO
 ACTIVITY HOLD ORDER NO. N/A

12 REQUIREMENT
 Bechtel Tech. Spec. 7220-M151A (Q), Rev 19, Section 10, para. 1.1 states in part, "Duct work shall be fabricated...as shown on the drawing." Bechtel Dwg. C848, Rev 14 Detail #4 "Typical flexible connection for standard or gas tight duct work installation."

13 NONCONFORMANCE
 Dwg. C848, Rev 14, Detail #4 (Flex Connection Detail) does not contain requirement, for the construction of the longitudinal seam splice of the 30 oz. neoprene coated fiber glass cloth.
 NOTE: This NCR will be issued closed. It is issued to complete closure of MPQAD NCR H-00472-ZZ.

14 NCR ORIGINATED BY  J L Zimmerman	DATE 5/12/86
--	-----------------

19 HOLD TAG APPLIED <u> X </u> YES <u> </u> NO ITEMS SEGREGATED <u> X </u> YES <u> </u> NO	20 LOCATION OF HOLD TAGS OR SEGREGATED AREA QC Hold Area - Zack Fab Shop
---	---

21 NEED TO REVIEW FOR REPORTABILITY <u> </u> YES <u> X </u> NO	23 NCR REVIEWED BY <u>John L Wood Jr</u> DATE <u>5/12/86</u>
--	---

22 DETERMINED TO BE REPORTABLE <u> </u> YES <u> </u> NO <u> NA </u>	24 SECTION HEAD, ASSURANCE ENGINEERING
--	--

Typical flexible connection does not specify the construction of the longitudinal seam splice.

26 PROCESS CORRECTIVE ACTION REQUIRED YES NO

27 RECOMMENDED DISPOSITION

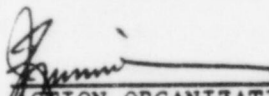
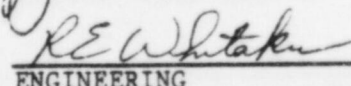
REWORK SCRAP/REJECT REPAIR* USE AS IS*

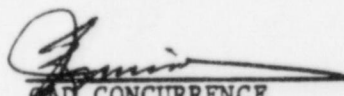
*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

28 ADDITIONAL INFORMATION

Pg 2D of 2 NCR H-00472-ZZ states that "Bechtel Project Engineering has evaluated the above non conformance and dispositions it "Use as is" (as shown on pg 2C of 2). The flexible connection longitudinal seam is not a structural member and will not affect the duct work structurally. Refer CALC 34-38(Q) Rev 2 Dwg. M-528 Sh 1(Q) & C-848(Q) will be revised to reflect the changes.

29 DISPOSITION CONCURRENCE

 5/12/86
ACTION ORGANIZATION DATE
 5/12/86
ENGINEERING DATE

 5/12/86
A.N.I. (ASME) IF REQUIRED DATE

30 DISPOSITION ACTION TAKEN

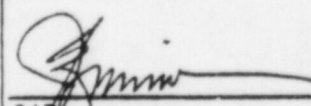
Remove NCR tag and relocate item to shelf in storage area.

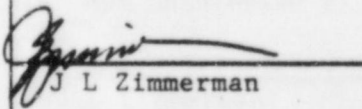
31 METHOD OF DISPOSITION ACTION VERIFICATION

Vissually witnessed relocation of item
RESULTS OF DISPOSITION ACTION VERIFICATION

ACCEPTABLE UNACCEPTABLE
IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

32 NCR CLOSED BY

 5/12/86
QAD L Zimmerman DATE
A.N.I. (ASME) DATE
IF REQUIRED

QUALITY ASSURANCE DIVISION FORM QAD-1 NONCONFORMANCE REPORT		15 NCR NO. Q-00076 16 DATE ISSUED 5/12/86 18 PAGE 1 OF 2	17 REV. 0
1 ITEM LOCATION Zack Fab Shop			
2 DRAWING OR PART NO. AND REV. V09 Sh 1 Rev 7 C848 Rev 14		3 PART NAME Flex Connection #293 F16085	
4 SERIAL NO. N/A			
5 ITEM DESCRIPTION Flexible duct connection			
6 ITEM STARTUP SYSTEM NO. OGLB		7 REFERENCE DOCUMENT 7220-M151A(Q) Rev 19 Dwg C848 Rev 14	
8 ASME A.N.I. REQUIRED N/A			
9 INSPECTION PLAN REV. H5D 0		10 ACTION ORGANIZATION QAD	
11 ACTIVITY HOLD REQUIRED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ACTIVITY HOLD ORDER NO. N/A			
12 REQUIREMENT Bechtel Tech Spec 7220-M151A(Q), Rev 19, Section 10, para 1.1 states in part, "Duct work shall be fabricated ... as shown on the drawing." Bechtel Dwg C848 Rev 14, Detail #4 "Typical flexible connection for standard or gas tight duct work installation."			
13 NONCONFORMANCE Drawing C848 Rev 14, Detail #4 (Flex connection detail) does not contain requirements for the construction of the longitudinal seam splice of the 30 oz neoprene coated fiber glass cloth. NOTE: This NCR will be issued closed. It is issued to complete closure of MPQAD NCR H-00474-ZZ.			
14 NCR ORIGINATED BY  J L Zimmerman 5/12/86 DATE			
19 HOLD TAG APPLIED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ITEMS SEGREGATED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		20 LOCATION OF HOLD TAGS OR SEGREGATED AREA QC Hold Area - Zack Fab Shop	
21 NEED TO REVIEW FOR REPORTABILITY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		23 NCR REVIEWED BY JOHN L WOOD JR DATE 5/12/86	
22 DETERMINED TO BE REPORTABLE <input type="checkbox"/> YES <input type="checkbox"/> NO NA		24 SECTION HEAD, ASSURANCE ENGINEERING	

Typical flexible connection does not specify the construction of the longitudinal seam splice.

26 PROCESS CORRECTIVE ACTION REQUIRED YES NO

27 RECOMMENDED DISPOSITION

REWORK SCRAP/REJECT REPAIR* USE AS IS*

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

28 ADDITIONAL INFORMATION

Page 2D of 2 - NCR H-00474-ZZ states that Bechtel Project Engineering has evaluated the above nonconformance and dispositions it "Use as is" (as shown on page 2C of 2). The flex connection longitudinal seam is not a structural member and will not affect the duct work structurally. Ref CALC 34-38 (Q) Rev 2 Dwg M-528 Sh 1 (Q) and C-848(Q) will be revised to reflect the changes.

29 DISPOSITION CONCURRENCE

[Signature] 5/12/86
ACTION ORGANIZATION DATE
RE Whitaker 5/12/86
ENGINEERING DATE

[Signature] 5/12/86
CONCURRENCE DATE
A.N.I. (ASME) IF REQUIRED

30 DISPOSITION ACTION TAKEN

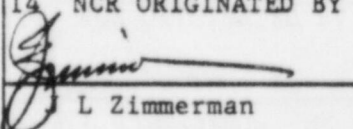
Remove NCR tag and relocate item to shelf in storage area.

31 METHOD OF DISPOSITION ACTION VERIFICATION

Relocated item
RESULTS OF DISPOSITION ACTION VERIFICATION
 ACCEPTABLE UNACCEPTABLE
IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR NUMBER _____

32 NCR CLOSED BY

[Signature] 5/14/86
QAB DATE
A.N.I. (ASME) DATE
IF REQUIRED

QUALITY ASSURANCE DIVISION FORM QAD-1 NONCONFORMANCE REPORT		15 NCR NO. 0-00077 16 DATE ISSUED 5/12/86 18 PAGE 1 OF 2	17 REV. 0
1 ITEM LOCATION Zack Fab Shop			
2 DRAWING OR PART NO. AND REV. V25 Sh 2 Rev 6 C848 Rev 14	3 PART NAME F21946 Flex Connection #125	4 SERIAL NO. N/A	
5 ITEM DESCRIPTION Flexible Duct Connection			
6 ITEM STARTUP SYSTEM NO. 2GLC	7 REFERENCE DOCUMENT 7220-M151A(Q) Rev 19 Dwg C848 Rev 14	8 ASME A.N.I. REQUIRED N/A	
9 INSPECTION PLAN REV. H5 <i>log, etc</i> 0	10 ACTION ORGANIZATION QAD		
11 ACTIVITY HOLD REQUIRED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO ACTIVITY HOLD ORDER NO. N/A			
12 REQUIREMENT Bechtel Tech Spec 7220-M151A (Q), Rev 19, Section 10, para 1.1 states in part, "Duct work shall be fabricated ... as shown on the drawing." Bechtel Drawing C848, Rev 14, Detail #4, "Typical flexible connection for standard or gas tight duct work installation."			
13 NONCONFORMANCE Drawing C848 Rev 14, Detail #4 (Flex connection detail) does not contain requirements for the construction of the longitudinal seam splice of the 30 oz neoprene coated fiber glass cloth. NOTE: This NCR will be issued closed. It is issued to complete closure of MPQAD NCR H-00488-ZZ.			
		14 NCR ORIGINATED BY  L Zimmerman DATE 5/12/86	
19 HOLD TAG APPLIED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ITEMS SEGREGATED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	20 LOCATION OF HOLD TAGS OR SEGREGATED AREA QC Hold Area - Zack Fab Shop		
21 NEED TO REVIEW FOR REPORTABILITY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	23 NCR REVIEWED BY JOHN L WOOD JR DATE <i>John L Wood Jr</i> 5/12/86		
22 DETERMINED TO BE REPORTABLE <input type="checkbox"/> YES <input type="checkbox"/> NO NA	24 SECTION HEAD, ASSURANCE ENGINEERING/		

Typical flexible connection does not specify the construction of the longitudinal seam splice.

26 PROCESS CORRECTIVE ACTION REQUIRED YES NO

27 RECOMMENDED DISPOSITION
 REWORK SCRAP/REJECT REPAIR* USE AS IS*

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

28 ADDITIONAL INFORMATION
Page 2D of 2, NCR H-00488-ZZ states that Bechtel Project Engineering has evaluated the above nonconformance and dispositions it "Use as is" (as shown on page 2C of 2). The flex connection longitudinal seam is not a structural member and will not affect the duct work structurally. Ref CALC 34-38 (Q) Rev 2. Dwg M528 Sh 1 (Q) and C848 (Q) will be revised to reflect the changes.

29 DISPOSITION CONCURRENCE
[Signature] 5/12/86 DATE
ACTION ORGANIZATION DATE
[Signature] 5/12/86 DATE
ENGINEERING DATE
A.N.I. (ASME) IF REQUIRED

30 DISPOSITION ACTION TAKEN
Remove NCR tag and relocate item to shelf in storage area.

31 METHOD OF DISPOSITION ACTION VERIFICATION
Relocate Item
RESULTS OF DISPOSITION ACTION VERIFICATION
 ACCEPTABLE UNACCEPTABLE
IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR NUMBER _____

32 NCR CLOSED BY
[Signature] 5/12/86 DATE
A.N.I. (ASME) DATE
IF REQUIRED

RECORD COPY

QUALITY ASSURANCE DIVISION FORM QAD-1 <p style="text-align: center;">NONCONFORMANCE REPORT</p>		15 NCR NO. Q-00079		17 REV. 0	
		16 DATE ISSUED 5/19/86			
		18 PAGE <u>1</u> OF <u>2</u>			
1 ITEM LOCATION Auxilliary building rooms 700 & 701					
2 DRAWING OR PART NO. AND REV. N/A		3 PART NAME N/A		4 SERIAL NO. N/A	
5 ITEM DESCRIPTION Control Rod Drive Breakers 1&2B-91A&C and 1&2B-92B&D					
6 ITEM STARTUP SYSTEM NO. N/A		7 REFERENCE DOCUMENT ENFC-1 Section 3.3.2.5 ENME-1 Section 3.2.2		8 ASME A.N.I. REQUIRED N/A	
9 INSPECTION PLAN WO-600175 REV. 0 WO-600178 REV. 0		10 ACTION ORGANIZATION O&M			
11 ACTIVITY HOLD REQUIRED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
12 REQUIREMENT ENFC-1 Section 3.3.2.5 states: "If rooms 700 & 701 cannot be effectively isolated and filtered air provided, then panels 1&2B-091A&C and 1&2B-92B&D shall be covered with fireproof material to prevent entry of dust...a) vacuum clean interior and exterior surfaces of equipment. b) cover enclosures with a fireproof material such as polyscran or red fire blanket taking care to close seams to prevent entry of dust. Covers need not be airtight, however, as dehumidified air shall be allowed to infiltrate at or near floor level." ENME-1 Section 3.2.2 states: "1&2B-091, 092A-D(Q) require a level A environment. Vacuum clean units and cover with fireproof material to prevent entry of dust. As an alternate filtered room air may be provided."					
13 NONCONFORMANCE During the inspection of work orders 22600175 & 22600178, which were issued per the Preventive Maintenance requirement CP-F10-160, it was discovered that the requirements above had not been implemented.					
14 NCR ORIGINATED BY <i>E. F. Summers Jr</i> 5/19/86 E F Summers Jr BATE					
19 HOLD TAG APPLIED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO ITEMS SEGREGATED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			20 LOCATION OF HOLD TAGS OR SEGREGATED AREA N/A		
21 NEED TO REVIEW FOR REPORTABILITY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			23 NCR REVIEWED <input checked="" type="checkbox"/> DATE <i>John L Wood Jr</i> 5/19/86		
22 DETERMINED TO BE REPORTABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A			24 SECTION HEAD, ASSURANCE ENGINEERING N/A		

The cause of this non-conformance is the failure to issue a work order that was a practical and cost effective method to accomplish the work. Although the work order that was issued did cover the requirements of ENFC-1, the method chosen was impractical and cost ineffective. This non-conformance is an isolated case and is not representative.

26 PROCESS CORRECTIVE ACTION REQUIRED YES NO

27 RECOMMENDED DISPOSITION

REWORK SCRAP/REJECT REPAIR* USE AS IS*

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

28 ADDITIONAL INFORMATION

The work required by ENFC-1 that was not implemented under the original work order, is being accomplished by supplemental work orders #22600220 and #22600221.

Completion forecast: 5/23/86.

29 DISPOSITION CONCURRENCE

Patrick J. Jones 5/20/86 [Signature] 5/20/86
ACTION ORGANIZATION DATE QAD CONCURRENCE DATE
N/A N/A
ENGINEERING DATE A.N.I. (ASME) IF REQUIRED

30 DISPOSITION ACTION TAKEN

NECESSARY WORK COMPLETED BY WO# 22600220 AND # 22600221.
CABINETS VACUUMED INSIDE, NEW FILTER VENTS MATERIAL INSTALLED AND
ALL SEAMS TAPED

31 METHOD OF DISPOSITION ACTION VERIFICATION

QAD INS ACTION ON 5/23 AND 5/28 - VISUAL

RESULTS OF DISPOSITION ACTION VERIFICATION

ACCEPTABLE UNACCEPTABLE
IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR NUMBER _____

32 NCR CLOSED BY

J. ZILMERMAN

[Signature] 5/29/86
QAD DATE

A.N.I. (ASME) DATE
IF REQUIRED