

DmB

PRINCIPAL STAFF	
RA <i>11/2</i>	DPRP
D/RA	DE
A/RA	DRMSP
RC	DRMA
PAO	SCS
SGA	ML
ENF	File <i>11/2</i>

Knight 3

DOCUMENTATION TRANSMITTAL

To: Stone & Webster - CIO
PO Box 1963
Midland, MI 48640

Transmittal No: CIO-0043
Date: May 12, 1984

Attention: Burt Kasson

The documentation listed below X is provided herewith, was previously provided on ; as requested by Burt Kasson .

Documentation Description: Nonconformance Reports:

- | | |
|-----------|---------|
| C-02581-V | C-02767 |
| C-00082 | |
| C-02439-V | |
| C-02892-V | |
| C-02753-V | |
| C-02336 | |
| C-02240-V | |

CIO has X has not been placed on routine transmittal for the described documentation.

Jeanne Kanne
Signature

8406050422 840512
PDR ADOCK 05000329
S PDR

- CC RJCook, NRC Site (w/a, unless voluminous)
JJHarrison, NRC Region III (w/a, unless voluminous)
DDJohnson, SMO (w/o)
JGKeppler, NRC Region III (w/a, unless voluminous)
BHPeck, SMO (w/o)
NIReichel, SMO (w/o)
RAWells, MPQAD (w/o)
CMThompson - File 24.2 (w/a, unless voluminous)

MAY 30 1984
IE01
11

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

RECORD COPY
NONCONFORMANCE REPORT

16 NCR NO.

C-00082

17 DATE ISSUED

9-4-83

18 REV

19

PAGE 1 OF 2 9-8-83

1 ITEM LOCATION

Aux. BLDG. EL 584 ROOM 109

2 ITEM DRAWING/PART NO.

M-634.4

3 ITEM PART NAME

PIPE SPOOL

4 ITEM SERIAL NO.

N/A

5 ITEM DESCRIPTION

SPOOL RE. 24" BC-22-634.4-3

6 ITEM STARTUP SYSTEM NO.

7 REFERENCE DOCUMENT

8 ASME/A.N.I. REQUIRED

☒ YES ☐ NO

9 INSPECTION RECORD NO.

LOG NO.

REV NO.

10 RESPONSIBLE ORGANIZATION

P-160-118

207400

7

CONSTRUCTION

11 NONCONFORMANCE DISCOVERED DURING:

☐ DESIGN

☐ RECEIVING

☒ CONST

☐ RELEASE FOR INSPECT

☐ POST INSPECT

☒ TURNOVER

☐ POST TURNOVER

☐ PRE-OP TEST

☐ FINAL TURNOVER

☐ OVERINSPECT

12 REQUIREMENT

M. 204 STATES IN PART ALL OPENINGS SHALL BE COVERED WHENEVER WORK IS NOT IN PROGRESS.

13 NONCONFORMANCE

THE SPOOL DOES NOT HAVE ANY COVERING AND THE INSIDE OF THE PIPE DOES NOT MEET CLEANNESS LEVEL C PER M-342 AND M-480.

14 NCR ORIGINATED BY (PERSON)

J. C. Oliver

9-4-83

DATE

15 NCR ORIGINATED BY (DISCIPLINE)

MECH.

20 NUMBER OF HOLD TAGS (IF APPLIED)

1

21 LOCATION OF HOLD TAGS

ON FLANGE

22 POTENTIAL 50.55(a)

☐ YES

☒ NO

24 ACTION ITEM NO.

SO2491

26 ITEM PRIORITY CODE NO.

5

28 NCR REVIEWED BY:

DATE:

23 REPORTED TO MPQA MANAGER

DATE

9/6/83

25 DISCIPLINE:

M

27 TREND CODE

C-4

29 CAUSE

pg 2 of 2 NCR 7-8-83

Indeterminate

30 PROCESS CORRECTIVE ACTION

☐ YES☒ NO

QAR NO. _____

31 RECOMMENDED DISPOSITION

☒ REMARK☐ SCRAP/REJECT☐ REPAIR☐ USE AS IS

32 CONDITIONAL RELEASE

☐ YES☒ NO

31A ADDITIONAL INFORMATION

Spool piece 2HBC-22-634-4-3 to be cleaned to obtain proper cleanliness level per M-342 & covered

Linda K. Haven 10-20-83

33 DISTRIBUTION FOR ACTION

CGSO

34 DISPOSITION CONCURRENCE

OBennink 10-20-83
PROJECT FIELD ENGINEER DATE

MFA

Randy R 2/9/84
HPQAD CONCURRENCE DATERandy R 2/9/84
PFCE (ASME) DATEBRACIA 2/2/84
PQAE (ASME) DATE

LEAD DESIGN ORG DATE

John Hanley 2-21-84
CP Co SMO (for turned over systems) DATEJ.A. Duffin 2/9/84
A.N.I. (ASME) DATE

35 DISPOSITION ACTION TAKEN

36 METHOD OF DISPOSITION ACTION VERIFICATION

RESULT OF DISPOSITION ACTION VERIFICATION

☐ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE
SUPERCEDING NCR NUMBER _____RECEIVED
OCT 06 1983

37 NCR CLOSED BY

HPQAD

DATE

A.N.I. (ASME)

DATE

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL

NONCONFORMANCE REPORT

16 NCR NO. C-02581-V
17 DATE ISSUED 4-10-84 18 REV 0
19 PAGE 1 OF 12

1 ITEM LOCATION AUX BLDG, RM 118, MODULE 120D ELEV. 593'-3 1/2", 5'-4 3/4" N/G, 13'-17 1/4" W/74			
2 ITEM DRAWING/PART NO. FSK-JW-0479 REV.1		3 ITEM PART NAME FW1 ON THERMOWELL ZTW-5761A	
4 ITEM SERIAL NO. N/A			
5 ITEM DESCRIPTION FW1 ON THERMOWELL ZTW-5761A - Z" TEE TO 2"x1" REDUCING INSERT			
6 ITEM STARTUP SYSTEM NO. ZGJA		7 REFERENCE DOCUMENT PQCI P-1.90 REV.1	
8 ASME A.N.I. REQUIRED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
9 INSPECTION RECORD NO. VP-190-FSK-JW-0479-1	LOG NO. V2837	REV NO. 0	10 RESPONSIBLE ORGANIZATION CONSTRUCTION
11 NONCONFORMANCE DISCOVERED DURING: QVP <input checked="" type="checkbox"/> POST INSPECT <input type="checkbox"/> TURNOVER <input type="checkbox"/> DESIGN <input type="checkbox"/> RECEIVING <input checked="" type="checkbox"/> CONST <input type="checkbox"/> RELEASE FOR INSPECT <input type="checkbox"/> POST TURNOVER <input type="checkbox"/> PRE-OP TEST <input type="checkbox"/> FINAL TURNOVER <input type="checkbox"/> OVERINSPECT			
12 REQUIREMENT PQCI-P-1.90 REV.1 ACT#3.10E STATES IN PART: WELDS SHALL BE FREE OF... PINHOLES.			
13 NONCONFORMANCE CONTRARY TO THE ABOVE REQUIREMENTS, 2 PINHOLES WERE FOUND IN FW1 AT APPROXIMATELY THE 30' O'CLOCK POSITION LOOKING WEST AT THE WELD.			
20 NUMBER OF HOLD TAGS (IF APPLIED) 1 HOLD TAG APPLIED		21 LOCATION OF HOLD TAGS ON FW1 AT ELEV 593'-3 1/2", 5'-4 3/4" N/G, 13'-17 1/4" W/74 AUX BLDG, RM 118, MOD#120D	
22 POTENTIAL 50.55(e) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	24 ACTION ITEM NO. 506402	26 ITEM PRIORITY CODE NO. 5	28 NCR REVIEWED BY: <u>[Signature]</u> DATE <u>4/10/84</u>
23 REPORTED TO MPQA MANAGER DATE <u>NA</u>	25 DISCIPLINE: M	27 TREND CODE DNT	

CONTINUED ON REVERSE

F-28/1A (Rev 1)

29 CAUSE

WORKMANSHIP

30 PROCESS CORRECTIVE ACTION

☐ YES☒ NO

QAR NO.

N/A

31 RECOMMENDED DISPOSITION

☒ REMARK☐ SCRAP/REJECT☐ REPAIR☐ USE AS IS

32 CONDITIONAL RELEASE

☐ YES☒ NO

31A ADDITIONAL INFORMATION

FIELD ENGR RECOMMENDS REWORK OF WEID
C. STROMBREN 4/23/84
PER SPEC M204 REV 21 SECT. 5.1.4 R. GRUBICH

33 DISTRIBUTION FOR ACTION

TEAM 06

34 DISPOSITION CONCURRENCE

Robert Grubich 4/23/84
PROJECT FIELD ENGINEER DATE

Paul Hone 5/1/84
NPOAD CONCURRENCE DATE

Paul Hone 5/1/84
PFOE (ASME) DATE

VSSordani 5/1/84
PQAE (ASME) DATE

N/A
LEAD DESIGN ORG DATE

CP Co SMO (for turned over systems) 5/1/84
DATE

W. H. Brown 5-1-84
A.N.I. (ASME) DATE

35 DISPOSITION ACTION TAKEN

36 METHOD OF DISPOSITION ACTION VERIFICATION

RESULT OF DISPOSITION ACTION VERIFICATION

☐ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE
SUPERCEDING NCR NUMBER _____

37 NCR CLOSED BY

NPOAD

DATE

A.N.I. (ASME)

DATE

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL

NONCONFORMANCE REPORT

16 NCR NO.

C-02439-V

17 DATE ISSUED

4-6-84

18 REV

ALB 5-3-84

19

PAGE 1 OF 3

1 ITEM LOCATION AUX BLOC UNIT-2 MOO 1200 ROOM 118 EL' 590'
18" W OF (7.4) AND 10' NORTH OF (G)

2 ITEM DRAWING/PART NO.

M-634-5 REV-15/F1

3 ITEM PART NAME

FLANGES BETWEEN FW 56 + FW 57 RI

4 ITEM SERIAL NO.

N/A

5 ITEM DESCRIPTION 900* WN RF FLANGES BETWEEN FW 56 + 57 RI ON 6" 20BC-2

6 ITEM STARTUP SYSTEM NO.

2 ALA 2

7 REFERENCE DOCUMENT

M-204 REV-21

8 ASME A.N.I. REQUIRED

☒ YES ☐ NO

9 INSPECTION RECORD NO.

VP190-M-634-5-F-1

LOG NO.

V-2836

REV NO.

1

10 RESPONSIBLE ORGANIZATION

CONST

BCPCO 5-14

11 NONCONFORMANCE DISCOVERED DURING:

QUP

☒ POST INSPECT

☐ TURNOVER

☐ DESIGN

☐ RECEIVING

☒ CONST

☐ RELEASE FOR INSPECT

☐ POST TURNOVER

☐ PRE-OP TEST

☐ FINAL TURNOVER

☐ OVERINSPECT

12 REQUIREMENT M-204 REV-21 5.2.4. PAGE 11 PARA 3 STATES IN PART, DEFECTS ON SURFACES OTHER THAN THE FLANGE MATING FACE SHALL NOT EXCEED 1/16" IN DEPTH.

FOR POST REQUIREMENTS SEE ACTIVITY 3.17. ALB 5-3-84 H-4

13 NONCONFORMANCE CONTRARY TO THE ABOVE, SEVERAL GOUGES EXIST ON THE FLANGES EXCEEDING 1/16" IN DEPTH.

FOR LOCATIONS, SEE ATTACHED PAGES.

14 NCR ORIGINATED BY (PERSON)

W. L. Smith

4-6-84
DATE

15 NCR ORIGINATED BY (DISCIPLINE)

MARAD / QC / MECH

20 NUMBER OF HOLD TAGS (IF APPLIED)

1

21 LOCATION OF HOLD TAGS NCR TAG MAT SH 14-2-6

ON FLG. ASSEMBLY

22 POTENTIAL 50.58(e)

☐ YES

☒ NO

24 ACTION ITEM NO.

S06245

25 ITEM PRIORITY CODE NO.

3

26 NCR REVIEWED BY:

ALB 5-3-84

23 REPORTED TO MPOA MANAGER

DATE

N/A

25 DISCIPLINE:

M

27 TREND CODE

DNT

DATE:

5/2/84

CONTINUED ON REVERSE

F-28/1A (Rev 1)

29 CAUSE

30 PROCESS CORRECTIVE ACTION

☐ YES

☐ NO

QAR NO. _____

31 RECOMMENDED DISPOSITION

☐ REMARK

☐ SCRAP/REJECT

☐ REPAIR

☐ USE AS IS

32 CONDITIONAL RELEASE

☐ YES

☐ NO

31A ADDITIONAL INFORMATION

33 DISTRIBUTION FOR ACTION

34 DISPOSITION CONCURRENCE

PROJECT FIELD ENGINEER

DATE

HPQAD CONCURRENCE

DATE

PFQCE (ASME)

DATE

PQAE (ASME)

DATE

LEAD DESIGN ORG

DATE

CP Co SMO (for turned over systems)

DATE

A.N.I. (ASME)

DATE

35 DISPOSITION ACTION TAKEN

36 METHOD OF DISPOSITION ACTION VERIFICATION

RESULT OF DISPOSITION ACTION VERIFICATION

☐ ACCEPTABLE

☐ UNACCEPTABLE

IF UNACCEPTABLE, REFERENCE
SUPERSEDING NCR NUMBER _____

37 NCR CLOSED BY

HPQAD

DATE

A.N.I. (ASME)

DATE

NEILAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL
NONCONFORMANCE REPORT
CONTINUATION SHEET

NCR NO. C-02439 V

DATE ISSUED 4-6-84

REV 

PAGE 2 OF 3

← N

TOP FLANGE AT FW-⁵⁶~~57~~RT
WR 4-6-84

SA-105

GOUGE-C

GOUGE-A

P 333

FW73

GOUGE-B

ORIGINAL
NONCONFORMANCE REPORT
CONTINUATION SHEET

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DATE ISSUED 4-6-84

REV

PAGE 3 OF 3

← N

BOTTOM FLANGE AT FW-57 R1

GAGE-1

FW-66

9"

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

NONCONFORMANCE REPORT

ORIGINAL

16 NCR NO.

C-02336-V

17 DATE ISSUED

4-3-84

18 REV

0

19

PAGE 1 OF 2

1 ITEM LOCATION

AUX BLDG, RM118, MODULE 120D, 13'-8" W/7.4, 5'-3 1/4" N/G, ELEV. 590'-9 3/8"

2 ITEM DRAWING/PART NO.

FSK-M-2HBC-552-1 REV. 0

3 ITEM PART NAME

SOCKET WELD AT FW#3

4 ITEM SERIAL NO.

N/A

5 ITEM DESCRIPTION

SOCKET WELD #3 TO FLANGE CONNECTION-UNDERSIZE WELD

6 ITEM STARTUP SYSTEM NO.

ZGJA

7 REFERENCE DOCUMENT

PQCI-P-1.90 REV 1

8 ASME A.9.1. REQUIRED

☒ YES ☐ NO

9 INSPECTION RECORD NO.

VP-1.90-FSK-M-2HBC-552-1-3

LOG NO.

V166Z

REV NO.

1

10 RESPONSIBLE ORGANIZATION

CONSTRUCTION

STF-M

11 NONCONFORMANCE DISCOVERED DURING:

QVP

☒ POST INSPECT

☐ TURNOVER

☐ DESIGN

☐ RECEIVING

☒ CONST

☐ RELEASE FOR INSPECT

☐ POST TURNOVER

☐ PRE-OP TEST

☐ FINAL TURNOVER

☐ OVERINSPECT

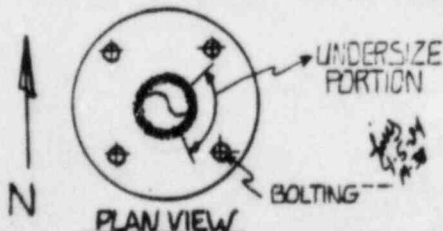
12 REQUIREMENT

PQCI-P-1.90 REV 1 ACT#3.10C STATES: SOCKET WELD SIZES SHALL BE DETERMINED IN ACCORDANCE WITH TABLE 3.

TABLE 3 STATES THAT FOR 1" PIPE, SCH. 80, THE WELD SIZE (PIPE TO FLANGE) SHALL BE .2506".

13 NONCONFORMANCE

CONTRARY TO THE ABOVE REQUIREMENTS, SOCKET WELD #3 ON LINE 1-2HBC-552 ON DRAWING FSK-M-2HBC-552-1 REV. 0 IS UNDERSIZED. VERIFIED WELD WITH DECIMAL GAUGE .2506 S/N# FG-.D35.



14 NCR ORIGINATED BY (PERSON)

Linda May

4-3-84
DATE

15 NCR ORIGINATED BY (DISCIPLINE)

MPRAD/QC/PM (BOP) QVP

20 NUMBER OF HOLD TAGS (IF APPLIED)

ONE (1) HOLD TAG APPLIED

21 LOCATION OF HOLD TAGS

SEE BLOCK#1 ABOVE (ON FW#3)

22 POTENTIAL SO.56(e)

☐ YES

☒ NO

24 ACTION ITEM NO.

S06132

26 ITEM PRIORITY CODE NO.

5

28 NCR REVIEWED BY: 11-11

Randy Bandy

23 REPORTED TO NQA MANAGER

DATE N/A

25 DISCIPLINE:

M

27 TREND CODE

GG-40001

DATE:

4/6/84

CONTINUED ON REVERSE

7-2M/1A (Rev 1)

29 CAUSE WORKMANSHIP

30 PROCESS CORRECTIVE ACTION

☐ YES☒ NOQAR NO. N/A

31 RECOMMENDED DISPOSITION

☒ REMOVE☐ SCRAP/REJECT☐ REPAIR☐ USE AS IS

32 CONDITIONAL RELEASE

☐ YES☒ NO33A ADDITIONAL INFORMATION FIELD ENGR RECOMMENDS REWORK OF WELD
PER - G-27 AND SPEC M 204 REV 21 SECTION 5.4.4. TODD GROTH 4/18/84
4/25/84R GRUBICH 4/26/84

33 DISTRIBUTION FOR ACTION

TEAM 6

34 DISPOSITION CONCURRENCE

Robert Grubich 4/25/84
PROJECT FIELD ENGINEER DATEDonald W. 4/25/84
NPOAD CONCURRENCE DATEVS Solon 4/26/84
PFOE (ASME) DATE

LEAD DESIGN ORG

DATE

CR Harris 4/26/84
CP Co SMO (for turned over systems) DATEVS Solon 4/26/84
A.N.I. (ASME) DATE

35 DISPOSITION ACTION TAKEN

36 METHOD OF DISPOSITION ACTION VERIFICATION

RESULT OF DISPOSITION ACTION VERIFICATION

☐ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE
SUPERSEDING NCR NUMBER _____

37 NCR CLOSED BY

NPOAD

DATE

A.N.I. (ASME)

DATE

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL

NONCONFORMANCE REPORT

16 NCR NO.

C-02240-V

17 DATE ISSUED

4-2-84

18 REV

0

19

PAGE 1 OF 3

1 ITEM LOCATION

AUX BLDG., ELEV. 595', RM 118, MODULE #120D

2 ITEM DRAWING/PART NO.

FSK-M-2HBC-184-4 A

3 ITEM PART NAME

SOCKET WELDS

4 ITEM SERIAL NO.

N/A

5 ITEM DESCRIPTION

SOCKET WELDS ^{W55-N} #46, 50, 51, 45, 44, 43, 49, 48, 41, 17, AND 55
ON DRAWING FSK-M-243C-184-4 A.

6 ITEM STARTUP SYSTEM NO.

ZGJA

7 REFERENCE DOCUMENT PGCI-P-1.90 REV 1.

SPEC. M-204 REV 18, SPEC. G-27 REV 2 GWS-FM

8 ASME A.N.I. REQUIRED

☒ YES ☐ NO

9 INSPECTION RECORD NO.

SEE PAGE 3, BLOCK 9

LOG NO.

SEE PG 3

REV NO.

SEE PG 3

10 RESPONSIBLE ORGANIZATION

CONSTRUCTION

STF-M

11 NONCONFORMANCE DISCOVERED DURING:

GVP

☒ POST INSPECT

☐ TURNOVER

☐ DESIGN

☐ RECEIVING

☒ CONST

☐ RELEASE FOR INSPECT

☐ POST TURNOVER

☐ PRE-OP TEST

☐ FINAL TURNOVER

☐ OVERINSPECT

12 REQUIREMENT

PGCI P-1.90 REV 1, ACT # 3.10 C AND E STATES IN PART:

Ⓐ °C: SOCKET WELD SIZES SHALL BE DETERMINED IN ACCORDANCE WITH TABLE 3.

Ⓑ °E: WELDS SHALL BE FREE OF... PINHOLES.

13 NONCONFORMANCE

Ⓐ CONTRARY TO THE ABOVE REQUIREMENTS, THE FOLLOWING SOCKET WELDS WERE FOUND TO BE UNDERSIZE: FW#46 PW-1.00-46 LOG#98543, FW#51 PW-1.00-51 LOG#98932, FW#45 PW-1.00-45 LOG#98542, FW#44 PW-1.00-44 LOG#98541, FW#43 PW-1.00-43 LOG#98540, FW#50 PW-1.00-50 LOG#98931, FW#49 PW-1.00-49 LOG#98930, FW#48 PW-1.00-48 LOG#98929, FW#41 PW-1.00-41 LOG#98538, FW#17 PW-1.00-17 LOG#94853

Ⓑ FW#55 IS NOT ACCEPTABLE DUE TO A PINHOLE FOUND IN THE WELD.

14 NCR ORIGINATED BY (PERSON)

Letha M. May (M-30) 4-2-84
DATE

15 NCR ORIGINATED BY (DISCIPLINE)

MPQAN/QC/PM (ROP) GVP

20 NUMBER OF HOLD TAGS (IF APPLIED)

2 HOLD TAGS APPLIED

21 LOCATION OF HOLD TAGS ADJACENT TO INSTUMENT
CONN AT FLANGE BETWEEN FW 17+18 AND AT FW 55
RM 118 ELEV. 595' AUX BLDG.

22 POTENTIAL 50.58(e)

☐ YES

☒ NO

24 ACTION ITEM NO.

S06034

26 ITEM PRIORITY CODE NO.

5

28 NCR REVIEWED BY: M-11

Randy Burch
DATE: 4/6/84

23 REPORTED TO MPQA MANAGER

DATE NA

25 DISCIPLINE:

M

27 TREND CODE

GG-4000

CONTINUED ON REVERSE

7-24/1A (Rev 1)

29 CAUSE

WORKMANSHIP

30 PROCESS CORRECTIVE ACTION

☐ YES

☒ NO

QAR NO. N/A

31 RECOMMENDED DISPOSITION

☒ Rework

☐ SCRAP/REJECT

☐ REPAIR

☐ USE AS IS

32 CONDITIONAL RELEASE

☐ YES

☒ NO

31A ADDITIONAL INFORMATION FIELD ENG'R RECOMMENDS REWORK OF WELDS (ITEM A & B) PER SPEC M 204 REV 21 SECTION 5.1.4. AND G-27

TODD BROUT
4/18/84 FWE

RABURICH 4/24/84

33 DISTRIBUTION FOR ACTION

TEAM 6

34 DISPOSITION CONCURRENCE

Robert J. Gumbel 4/25/84
PROJECT FIELD ENGINEER DATE

Donald H. Brown 4/25/84
HPQAD CONCURRENCE DATE

Donald H. Brown 4/25/84
PFOE (ASNE) DATE

V.S. Sclaw 4/26/84
POAE (ASNE) DATE

LEAD DESIGN ORG DATE

CR Yarns 4/26/84
CP Co SMO (for turned over systems) DATE

W.M. Down 4-26-84
A.H.I. (ASNE) DATE

35 DISPOSITION ACTION TAKEN

36 METHOD OF DISPOSITION ACTION VERIFICATION

RESULT OF DISPOSITION ACTION VERIFICATION

☐ ACCEPTABLE

☐ UNACCEPTABLE

IF UNACCEPTABLE, REFERENCE
SUPERSEDING NCR NUMBER

37 NCR CLOSED BY

HPQAD

DATE

A.H.I. (ASNE)

DATE

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL

**NONCONFORMANCE REPORT
CONTINUATION SHEET**

NCR NO.

C-02240-V

DATE ISSUED

4-2-84

REV

0

PAGE 3 OF 3

BLOCK 9 (CONT'D.)

INSPECTION RECORD NO:

LOG NO:

REV NO:

~~VP-190-FSK-M-2HBC-184-4-46~~ ~~1783~~ ~~1~~

VP-190-FSK-M-2HBC-184-4-51

V1785

1

VP-190-FSK-M-2HBC-184-4-45

V1782

1

VP-190-FSK-M-2HBC-184-4-44

V1816

1

VP-190-FSK-M-2HBC-184-4-43

~~V1784~~ V1815

1

VP-190-FSK-M-2HBC-184-4-50

V1784

1

VP-190-FSK-M-2HBC-184-4-49

V1819

1

VP-190-FSK-M-2HBC-184-4-48

V1818

1

VP-190-FSK-M-2HBC-184-4-41

V1813

1

VP-190-FSK-M-2HBC-184-4-17

V1803

1

VP-190-FSK-M-2HBC-184-4-55

V1823

1

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL
NONCONFORMANCE REPORT

16 NCR NO.	C-02767-V	
17 DATE ISSUED	4-13-84	18 REV 0
19 PAGE <u>1</u> OF <u>2</u>		

1 ITEM LOCATION AUX BLDG, RM 118, MODULE #120D ELEV. 585'-7", 10'-3 3/8" W/7.4, 6'-3 3/8" N/G			
2 ITEM DRAWING/PART NO. FSK-M-2HBC-56-1 REV. 9		3 ITEM PART NAME FLANGE CONNECTION	
4 ITEM SERIAL NO. N/A			
5 ITEM DESCRIPTION FLANGE CONNECTION ON DRAWING FSK-M-2HBC-56-1 REV. 9 BETWEEN FW 52 AND COMPONENT 2R-05A (OUTLET).			
6 ITEM STARTUP SYSTEM NO. 2EAD		7 REFERENCE DOCUMENT PQCI P-1.90 REV. 1	
8 ASME A.N.I. REQUIRED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
9 INSPECTION RECORD NO. VP-190-FSK-M-2HBC-56-1-F1	LOG NO. V1679	REV NO. 1	10 RESPONSIBLE ORGANIZATION CONSTRUCTION / BCPCO
11 NONCONFORMANCE DISCOVERED DURING: QVP. <input checked="" type="checkbox"/> POST INSPECT <input type="checkbox"/> TURNOVER <input type="checkbox"/> DESIGN <input type="checkbox"/> RECEIVING <input checked="" type="checkbox"/> CONST <input type="checkbox"/> RELEASE FOR INSPECT <input type="checkbox"/> POST TURNOVER <input type="checkbox"/> PRE-OP TEST <input type="checkbox"/> FINAL TURNOVER <input type="checkbox"/> OVERINSPECT			
12 REQUIREMENT PQCI P-1.90 REV. 1 STATES IN PART: ACT # 3.14.2: CORRECT BOLTING MATERIAL IS INSTALLED. ACT # 3.14.3: BOLTING MATERIAL CORRECTLY INSTALLED (ie: NUT WASHER FACES INSTALLED AGAINST FLANGE BEARING SURFACE AND THREADS ARE FULLY ENGAGED).			
13 NONCONFORMANCE CONTRARY TO THE ABOVE REQUIREMENTS, FLANGE CONNECTION (DESCRIBED IN BLOCK 5 ABOVE) DOES NOT MEET THESE REQUIREMENTS: LOWER SOUTHWEST AND UPPER SOUTHEAST NUTS ARE ON BACKWARDS (CAN NOT VERIFY MATERIAL TRACEABILITY), LOWER NORTH STUD HAS NO TRACEABILITY AND ALL STUDS DO NOT MEET THREAD ENGAGEMENT.			
20 NUMBER OF HOLD TAGS (IF APPLIED) ONE TAG APPLIED		21 LOCATION OF HOLD TAGS FLANGE CONNECTION AT ELEV. 585'-7, 10'-3 3/8" W/7.4, 6'-3 3/8" N/G, AUX BLDG, RM 118	
22 POTENTIAL SO. 56(e) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	24 ACTION ITEM NO. 5060596	26 ITEM PRIORITY CODE NO. 5	28 NCR REVIEWED BY: DS [Signature] DATE: 4-13-84
23 REPORTED TO MPQA MANAGER DATE <u>NA</u>	25 DISCIPLINE: M	27 TREND CODE DNT	

CONTINUED ON REVERSE

7-22/1A (Rev 1)

29 CAUSE

30 PROCESS CORRECTIVE ACTION

☐ YES

☐ NO

QAR NO. _____

31 RECOMMENDED DISPOSITION

☐ REMARK

☐ SCRAP/REJECT

☐ REPAIR

☐ USE AS IS

32 CONDITIONAL RELEASE

☐ YES

☐ NO

31A ADDITIONAL INFORMATION

33 DISTRIBUTION FOR ACTION

34 DISPOSITION CONCURRENCE

PROJECT FIELD ENGINEER

DATE

HPQAD CONCURRENCE

DATE

PFOCE (ASME)

DATE

POAE (ASME)

DATE

LEAD DESIGN ORG

DATE

CP Co SMO (for turned over systems)

DATE

A.N.I. (ASME)

DATE

35 DISPOSITION ACTION TAKEN

36 METHOD OF DISPOSITION ACTION VERIFICATION

RESULT OF DISPOSITION ACTION VERIFICATION

☐ ACCEPTABLE

☐ UNACCEPTABLE

IF UNACCEPTABLE, REFERENCE
SUPERCEDING NCR NUMBER _____

37 NCR CLOSED BY

HPQAD

DATE

A.N.I. (ASME)

DATE

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL

NONCONFORMANCE REPORT

16 NCR NO.

C-02753-V

17 DATE ISSUED

4-13-84

18 REV

5.7.5
H4
A

19

W4 4-13-84

PAGE 1 OF 2³

1 ITEM LOCATION AUX BLDG UNIT-2 1-100 120 D ROOM 118 EL 589' 18" W OF (7.4) AND 9" N. OF (6.4)

2 ITEM DRAWING/PART NO.

171-634-5 REV 15/F1

3 ITEM PART NAME SPOOL 2 OBC-2-S-634-4-1

4 ITEM SERIAL NO.

N/A

5 ITEM DESCRIPTION SPOOL 2 OBC-2-S-634-4-1 BETWEEN FW-56 AND PUMP 2 P-05A

6 ITEM STARTUP SYSTEM NO.

2ALA-2 2APA

7 REFERENCE DOCUMENT

REF G27 ED-1 REV-2

8 ASME A.N.I. REQUIRED

☒ YES ☐ NO

9 INSPECTION RECORD NO.

1P190-17-634-4-56

LOG NO.

V2833

REV NO.

1

10 RESPONSIBLE ORGANIZATION

CONST / BPCO BCPCO

11 NONCONFORMANCE DISCOVERED DURING:

QVP

☒ POST INSPECT

☐ TURNOVER

☐ DESIGN

☐ RECEIVING

☐ CONST

☐ RELEASE FOR INSPECT

☐ POST TURNOVER

☐ PRE-OP TEST

☐ FINAL TURNOVER

☐ OVERINSPECT

12 REQUIREMENT G27 ED-1 REV-2 STATES IN PART, ARC STRIKES WHICH ARE DETECTED
----- WHICH ARE NOT ASSOCIATED WITH A SPECIFIC WELD MAY BE EVALUATED
VISUALLY. ARC STRIKES AREAS WHICH ARE FREE OF CRACKS AND DO NOT INFRINGE
UPON MINIMUM WALL THICKNESS MAY BE USED AS IS.

FOR PDC I REQUIREMENTS SEE ACTIVITY 3.17.

5.7.5
H4
A

13 NONCONFORMANCE CONTRARY TO THE ABOVE, ON SPOOL 2 OBC-2-S-634-4-1, TWO
ARC STRIKES EXIST. DUE TO METAL BUILD-UP AT THE CENTER OF BOTH ARC STRIKES
CRACKING IS INDETERMINATE.

SEE ATTACHED PAGE FOR
LOCATION

14 NCR ORIGINATED BY (PERSON)

(W) L. J. L. 17-64 4-13-84
DATE

15 NCR ORIGINATED BY (DISCIPLINE)

MPGAD / GC / MECH

20 NUMBER OF HOLD TAGS (IF APPLIED)

1

21 LOCATION OF HOLD TAGS

ATTACHED TO PIPE SEE BLOCK-1

22 POTENTIAL SO.58(e)

☐ YES

☒ NO

24 ACTION ITEM NO.

506581

25 ITEM PRIORITY CODE NO.

3

26 NCR REVIEWED BY:

(W) L. J. L. 17-64 4-13-84
DATE

23 REPORTED TO MPQA MANAGER

DATE

N/A

25 DISCIPLINE:

7M

27 TREND CODE

DNT

DATE:

4/13/84

CONTINUED ON REVERSE

7-224/LA (Rev 1)

29 CAUSE

30 PROCESS CORRECTIVE ACTION

☐ YES ☐ NO QAR NO. _____

31 RECOMMENDED DISPOSITION

☐ REMARK ☐ SCRAP/REJECT ☐ REPAIR ☐ USE AS IS

32 CONDITIONAL RELEASE

☐ YES ☐ NO

31A ADDITIONAL INFORMATION

33 DISTRIBUTION FOR ACTION

34 DISPOSITION CONCURRENCE

PROJECT FIELD ENGINEER	DATE	NPQAO CONCURRENCE	DATE	PFQCE (ASME)	DATE
LEAD DESIGN ORG	DATE	CP Co SMO (for turned over systems)	DATE	POAE (ASME)	DATE
				A.N.I. (ASME)	DATE

35 DISPOSITION ACTION TAKEN

36 METHOD OF DISPOSITION ACTION VERIFICATION

RESULT OF DISPOSITION ACTION VERIFICATION
☐ ACCEPTABLE ☐ UNACCEPTABLE

IF UNACCEPTABLE, REFERENCE
 SUPERSEDING NCR NUMBER _____

37 NCR CLOSED BY

NPQAO	DATE
A.N.I. (ASME)	DATE

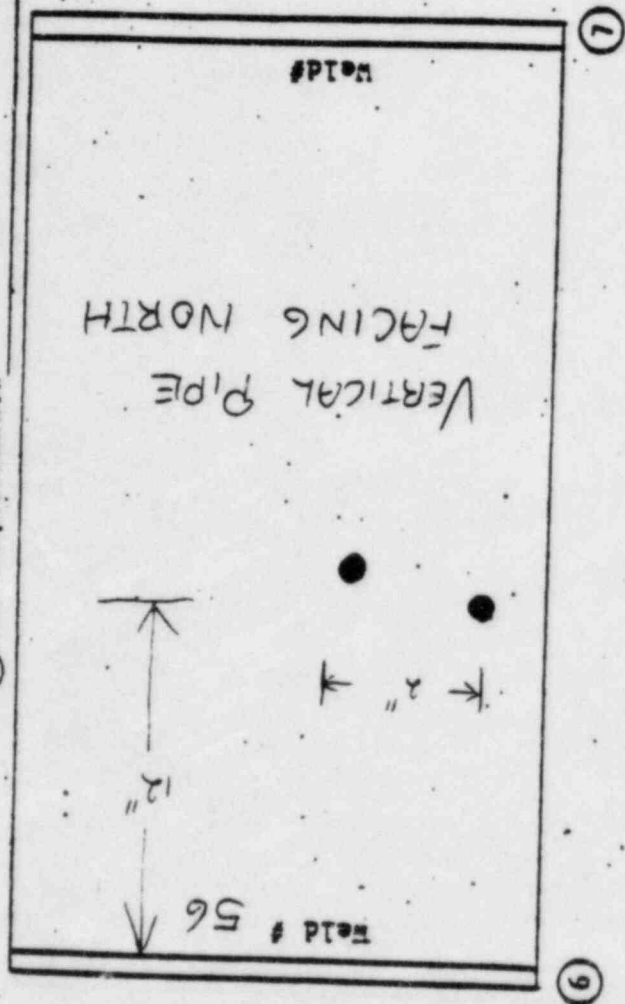
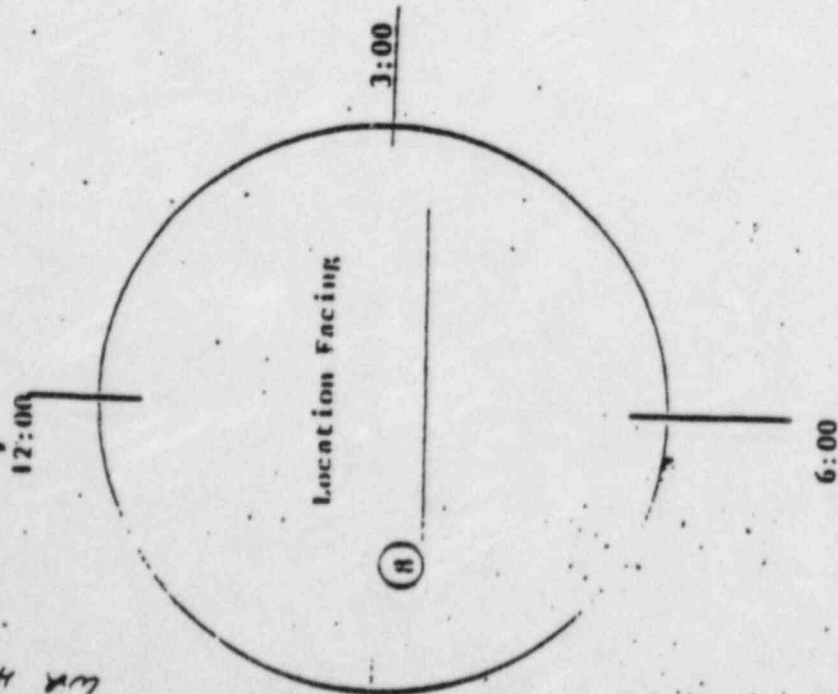
RECORD OF LOCATION 1 TEMPORARY ATTACHMENTS AND BASE METAL REPAIRS

① INCH ② Log ③

④ Repair Procedure

③ Weld Procedure

⑤ NDE Requirements



ORIGINAL

REMARKS:

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL

NONCONFORMANCE REPORT

16 NCR NO.

C-02891-V

17 DATE ISSUED

4-17-84

18 REV

Q1

19

Wd 4-24-84 M-4

PAGE 1 OF 2

1 ITEM LOCATION AOX BLDG UNIT-2 MOD-1200 RM-118 EL 590'
18" W OF (7.4) + 9' N OF (G.)

2 ITEM DRAWING/PART NO.

3 ITEM PART NAME

FW-73

4 ITEM SERIAL NO.

FSK-DVI-17-634-S- REV-4

5 ITEM DESCRIPTION FW-73 (SEAL WELD) 6" 900# FLANGE + 3/4" PIPE
Wd 4-24-84 M-4

6 ITEM STARTUP SYSTEM NO.

2 ALA 2

7 REFERENCE DOCUMENT

M-204 REV-21
M-481 REV-25

8 ASME A.N.I. REQUIRED

☒ YES ☐ NO

9 INSPECTION RECORD NO.

LOG NO.

REV NO.

10 RESPONSIBLE ORGANIZATION

VP190-FSK-DVI-17-634-S-73

V2864

1

CONST / BPER-G1-14

11 NONCONFORMANCE DISCOVERED DURING:

☐ DESIGN

☐ RECEIVING

☐ CONST

☐ RELEASE FOR INSPECT

QUP

☒ POST INSPECT

☐ TURNOVER

☐ POST TURNOVER

☐ PRE-OP TEST

☐ FINAL TURNOVER

☐ OVERINSPECT

12 REQUIREMENT M-481 REV 25 NOTE 22, STATES IN PART, WHERE THREADED CONNECTIONS ARE SEALWELDED - - - - EXPOSED THREADS SHALL BE ENTIRELY COVERED BY WELD METAL.
M-204 REV-21 STATES IN PART, (PARA 5.2.6) MINIMUM WALL THICKNESS FOR FABRICATED ASSEMBLIES AS FINALLY FABRICATED SHALL BE AT LEAST:
A. 87 1/2% OF THE NOMINAL WALL THICKNESS FOR PIPE SPECIFIED BY NOMINAL WALL.
FOR PCT REQUIREMENTS SEE ACTIVITY 317 LI. A KRS-4-84(M-4)

13 NONCONFORMANCE CONTRARY TO THE ABOVE, AT FW-73 THE EXPOSED THREADS WERE REMOVED BY GRINDING, REDUCING THE BASE METAL FROM THE 3/4" PIPE IN EXCESS OF 1/32" AT THE TOE OF THE WELD, WHICH EXCEEDS THE DEPTH ALLOWANCE OF .019" AND VIOLATES MIN-WALL.

14 NCR ORIGINATED BY (PERSON)

W. Lindholm M-4

4-17-84
DATE

15 NCR ORIGINATED BY (DISCIPLINE)

MPQAD-AC-MECH

20 NUMBER OF HOLD TAGS (IF APPLIED)

1

21 LOCATION OF HOLD TAGS

SEE BLOCK -1

22 POTENTIAL SO.58(e)

☐ YES

☒ NO

24 ACTION ITEM NO.

S06727

25 ITEM PRIORITY CODE NO.

3

26 NCR REVIEWED BY:

4/24/84
DATE

23 REPORTED TO NQA MANAGER

DATE N/A

25 DISCIPLINE:

YM

27 TREND CODE

ONT

DATE: 4/28/84

4/24/84

CONTINUED ON REVERSE

F-28/LA (Rev 1)

29 CAUSE

30 PROCESS CORRECTIVE ACTION

☐ YES☐ NO

QAR NO. _____

31 RECOMMENDED DISPOSITION

☐ REMARK☐ SCRAP/REJECT☐ REPAIR☐ USE AS IS

32 CONDITIONAL RELEASE

☐ YES☐ NO

31A ADDITIONAL INFORMATION

33 DISTRIBUTION FOR ACTION

34 DISPOSITION CONCURRENCE

PROJECT FIELD ENGINEER

DATE

MPQAO CONCURRENCE

DATE

PFQCE (ASME)

DATE

PQAE (ASME)

DATE

LEAD DESIGN ORG

DATE

CP Co SMO (for turned over systems) DATE

A.R.I. (ASME)

DATE

35 DISPOSITION ACTION TAKEN

36 METHOD OF DISPOSITION ACTION VERIFICATION

RESULT OF DISPOSITION ACTION VERIFICATION

☐ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE
SUPERCEDING NCR NUMBER _____

37 NCR CLOSED BY

MPQAO

DATE

A.R.I. (ASME)

DATE

MODIFIED PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL

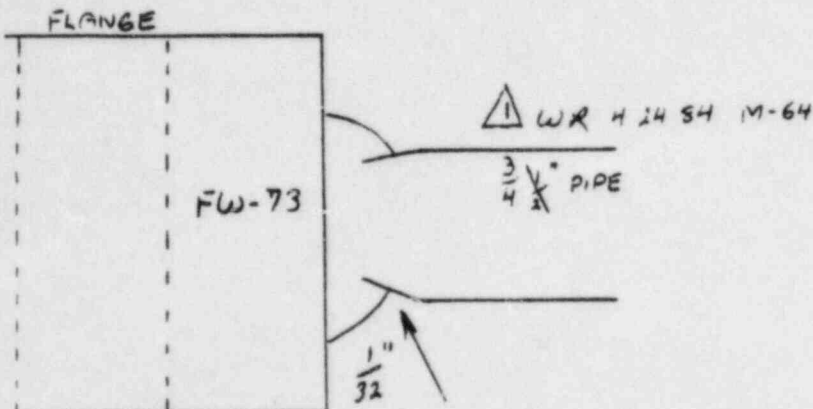
PERFORMANCE REPORT
CONTINUATION SHEET

SCE NO. C-02891-V

DATE ISSUED
4-17-84

REV
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PAGE 3 OF 3



MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL

NONCONFORMANCE REPORT

16 NCR NO.

C-02892-V

17 DATE ISSUED

4-17-84

18 REV

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PAGE 1 OF 3

1 ITEM LOCATION AUX BLOC UNIT-2 1100 1200 ROOM 118 EL 540 18" W OF (7.4) + 9' N. OF (G.)

2 ITEM DRAWING/PART NO.

FSK-DVI-M-634-5 REV-4

3 ITEM PART NAME

FW-66

4 ITEM SERIAL NO.

14/A

5 ITEM DESCRIPTION FW-66 (SEALWELD) BETWEEN 6" 900# FLANGE AND 1/2" PIPE

6 ITEM STARTUP SYSTEM NO.

2 ALA2

7 REFERENCE DOCUMENT M-204 REV-21

M-481 REV-25

8 ASME A.N.I. REQUIRED

☒ YES ☐ NO

9 INSPECTION RECORD NO.

LOG NO.

REV NO.

10 RESPONSIBLE ORGANIZATION

VP190-FSK-DVI-M-634-5-66 V2857

1

CONST / BPER - G1-14

11 NONCONFORMANCE DISCOVERED DURING:

☐ DESIGN

☐ RECEIVING

☐ CONST

☐ RELEASE FOR INSPECT

GVP

☒ POST INSPECT

☐ TURNOVER

☐ POST TURNOVER

☐ PRE-OP TEST

☐ FINAL TURNOVER

☐ OVERINSPECT

12 REQUIREMENT M-481 REV-25 NOTE 22 STATES IN PART: WHERE THREADED

CONNECTIONS ARE SEALWELDED - - - - EXPOSED THREADS SHALL BE ENTIRELY COVERED BY WELD METAL.

M-204 REV-25 PARA 5.2.6 MINIMUM WALL THICKNESS FOR FABRICATED ASSEMBLIES AS FINALLY FABRICATED SHALL BE AT LEAST:

A. 87 1/2 % OF THE NOMINAL WALL THICKNESS FOR PIPE SPECIFIED BY NOMINAL WALL.

13 NONCONFORMANCE

CONTRARY TO THE ABOVE, AT FW-66 THE EXPOSED THREADS WERE REMOVED BY GRINDING, REDUCING THE BASE METAL FROM THE 1/2" PIPE IN EXCESS OF 1/32" AT THE TOE OF THE WELD, WHICH EXCEEDS THE DEPTH ALLOWANCE OF .019" AND VIOLATES MIN-WALL.

14 NCR ORIGINATED BY (PERSON)

W. Lindholm

4-17-84
DATE

15 NCR ORIGINATED BY (DISCIPLINE)

MPQA / QC / MECH

20 NUMBER OF HOLD TAGS (IF APPLIED)

1

21 LOCATION OF HOLD TAGS

SEE BLOCK - 1

22 POTENTIAL SO.55(e)

☐ YES

☒ NO

24 ACTION ITEM NO.

SO6728

25 ITEM PRIORITY CODE NO.

3

26 NCR REVIEWED BY:

W. Lindholm

23 REPORTED TO MPQA MANAGER

DATE

N/A

25 DISCIPLINE:

M

27 TREND CODE

DNT

DATE:

4/17/84

CONTINUED ON REVERSE

F-2H/LA (Rev 1)

29 CAUSE

30 PROCESS CORRECTIVE ACTION

☐ YES ☐ NO QAR NO. _____

31 RECOMMENDED DISPOSITION

☐ REWORK ☐ SCRAP/REJECT ☐ REPAIR ☐ USE AS IS

32 CONDITIONAL RELEASE

☐ YES ☐ NO

31A ADDITIONAL INFORMATION

33 DISTRIBUTION FOR ACTION

34 DISPOSITION CONCURRENCE

PROJECT FIELD ENGINEER DATE

NPOAD CONCURRENCE DATE

PFQCE (ASME) DATE

PQAE (ASME) DATE

LEAD DESIGN ORG DATE

CP Co SMO (for turned over systems) DATE

A.N.I. (ASME) DATE

35 DISPOSITION ACTION TAKEN

36 METHOD OF DISPOSITION ACTION VERIFICATION

RESULT OF DISPOSITION ACTION VERIFICATION

☐ ACCEPTABLE ☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE
SUPERSEDING NCR NUMBER _____

37 NCR CLOSED BY

NPOAD DATE

A.N.I. (ASME) DATE

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

ORIGINAL

NONCONFORMANCE REPORT

CONTINUATION SHEET

NCR NO.

C-02892-V

DATE ISSUED

4-17-84

REV

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PAGE 3 OF 3

