

DMB

PRINCIPAL STAFF	
✓ RA <i>me</i>	DPRP
D/RA	DE
A/RA	DRMSP
RC	DRMA
PAO	SCS
SGA	M
ENF	File <i>me</i>

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 Kenne
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
1/1

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

RECORD COPY ^{EX}
NONCONFORMANCE REPORT

16 NCR NO.

C-00082

17 DATE ISSUED

9-4-83

18 REV

205-1000
9/15/83

19

PAGE 1 OF 2 DW 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 PC. 243C-22-634-4-3

6 ITEM STARTUP SYSTEM NO.

9/20/83 ~~SAFETY~~ ZALAI A

7 REFERENCE DOCUMENT

M-204, M-342

8 ASME/A.N.I. REQUIRED

YES NO

9 INSPECTION RECORD NO.

P-160-118

LOG NO.

207400

REV NO.

7

10 RESPONSIBLE ORGANIZATION

CONSTRUCTION

11 NONCONFORMANCE DISCOVERED DURING:

POST INSPECT

TURNOVER

DESIGN

RECEIVING

CONST

RELEASE FOR INSPECT

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:

[Signature]

23 REPORTED TO MPQA MANAGER

DATE

9/6/83

25 DISCIPLINE:

M

27 TREND CODE

C-4

DATE:

9/6/83

CONTINUED ON REVERSE

F-28/LA (Rev 1)

29 CAUSE

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

CG50

34 DISPOSITION CONCURRENCE

<u>[Signature]</u> 10-20-83 PROJECT FIELD ENGINEER DATE	<u>[Signature]</u> 2/9/84 MPQAD CONCURRENCE DATE	<u>[Signature]</u> 2/9/84 PFQAE (ASME) DATE
<u>[Signature]</u> LEAD DESIGN ORG DATE	<u>[Signature]</u> 2-21-84 CP Co SMO (for turned over systems) DATE	<u>[Signature]</u> 2/2/84 PQAE (ASME) DATE
		<u>[Signature]</u> 2/9/84 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

MPQAD DATE

A.N.I. (ASME) DATE

RECEIVED
OCT 06 1983

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'-1 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 - 2" TEE TO 2"x1" REDUCING INSERT

6 ITEM STARTUP SYSTEM NO.
ZGJA

7 REFERENCE DOCUMENT
PQCI P-190 REV 1

8 ASME A.N.I. REQUIRED
 YES 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 DESIGN RECEIVING CONST RELEASE FOR INSPECT
 POST INSPECT TURNOVER POST TURNOVER PRE-OP TEST FINAL TURNOVER OVERINSPECT

12 REQUIREMENT
PQCI P-190 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'clock POSITION LOOKING WEST AT THE WELD.

14 NCR ORIGINATED BY (PERSON)
Letha M. Mat m-37 4/10/84
DATE

15 NCR ORIGINATED BY (DISCIPLINE)
MPQAD/QC/MECH.

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'-1 1/4" W/74
AUX BLDG, RM 118, MOD#120D

22 POTENTIAL 50.55(e)
 YES NO

24 ACTION ITEM NO.
506402

26 ITEM PRIORITY CODE NO.
5

28 NCR REVIEWED BY:
[Signature]
DATE

23 REPORTED TO MPQA MANAGER
DATE NA

25 DISCIPLINE:
M

27 TREND CODE
DNT

DATE
4/21/84

CONTINUED ON REVERSE

F-28/1A (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 ENGR RECOMMENDS REWORK OF WEID
PER SPEC M204 REV 21 SECT. 5.1.4 C. STROMBREN 4/23/84
R. GRUBICH

33 DISTRIBUTION FOR ACTION

TEAM 06

34 DISPOSITION CONCURRENCE

Robert Grubich 4/23/84
PROJECT FIELD ENGINEER DATE

Paul Stone 5/1/84
MPOAQ CONCURRENCE DATE

Paul Stone 5/1/84
PFOCE (ASME) DATE

V.S. Sordani 5/1/84
PQAE (ASME) DATE

N/A
LEAD DESIGN ORG DATE

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

William Russell 5-1-84
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

MPOAQ

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

Rev 5-3-84

19

PAGE 1 OF 3

1 ITEM LOCATION AUX BLOG UNIT-2 M00 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

POST TURNOVER

RECEIVING

PRE-OP TEST

CONST

FINAL TURNOVER

RELEASE FOR INSPECT

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 $\frac{1}{16}$ " IN DEPTH.
FOR PAGE REQUIREMENTS SEE ACTIVITY 3.17. ^{KLR} 5-3-84
H-4

13 NONCONFORMANCE CONTRARY TO THE ABOVE, SEVERAL GOUGES EXIST ON THE FLANGES EXCEEDING $\frac{1}{16}$ " 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 5H 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:

[Signature]

23 REPORTED TO MPOA MANAGER

DATE N/A

25 DISCIPLINE:

M

27 TREND CODE

DNT

DATE: 5/2/84

4/6/84

CONTINUED ON REVERSE

F-20/1A (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

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

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

_____ DATE

_____ DATE

A.N.I. (ASME)

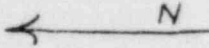
ORIGINAL
NONCONFORMANCE REPORT
CONTINUATION SHEET

NCR NO. C-02439 V

DATE ISSUED 4-6-84

REV 


PAGE 2 OF 3




TOP FLANGE AT FW-⁵⁶57RT
WX 4-6-84

SA-105

GOUGE-C


GOUGE-A

P 333 FW73

↑
GOUGE-B

ORIGINAL

PERFORMANCE REPORT
CONTINUATION SHEET

NCR NO. C-02439 V

DATE ISSUED 4-6-84

REV 1

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 <u>1</u> OF <u>2</u>	

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
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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.3.1.1. REQUIRED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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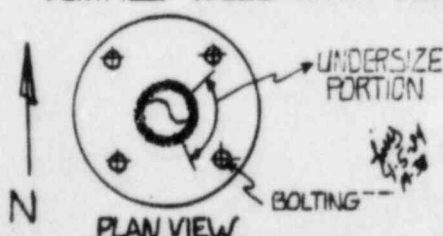
9 INSPECTION RECORD NO. VP-1.90-FSK-M-2HBC-552-1-3	LOG NO. V166Z	REV NO. 1	10 RESPONSIBLE ORGANIZATION CONSTRUCTION <u>STF-M</u>
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11 NONCONFORMANCE DISCOVERED DURING:

<input checked="" type="checkbox"/> QVP	<input type="checkbox"/> DESIGN	<input type="checkbox"/> RECEIVING	<input checked="" type="checkbox"/> CONST	<input type="checkbox"/> RELEASE FOR INSPECT
<input checked="" type="checkbox"/> POST INSPECT	<input type="checkbox"/> TURNOVER	<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#3.10C 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-.035.



14 NCR ORIGINATED BY (PERSON)
Leda Mat 4-3-84
DATE

15 NCR ORIGINATED BY (DISCIPLINE)
MGRAD/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)
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22 POTENTIAL 50.56(e) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	24 ACTION ITEM NO. S06132	26 ITEM PRIORITY CODE NO. 5	28 NCR REVIEWED BY: <u>11-11</u> <u>DS Randy Berry</u>
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23 REPORTED TO MPOA MANAGER DATE <u>N/A</u>	25 DISCIPLINE: <u>M</u>	27 TREND CODE <u>GG-40001</u>	DATE: <u>4/6/84</u>
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29 CAUSE WORKMANSHIP

30 PROCESS CORRECTIVE ACTION

YES NO QAR NO. N/A

31 RECOMMENDED DISPOSITION

REMOVE SCRAP/REJECT REPAIR USE AS IS

32 CONDITIONAL RELEASE

YES NO

31A 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
R. GEURICH 4/25/84

33 DISTRIBUTION FOR ACTION

TEAM 6

34 DISPOSITION CONCURRENCE

Robert Grubel 4/25/84
PROJECT FIELD ENGINEER DATE

Donald W. ... 4/25/84
NPOAD CONCURRENCE DATE

VS Solomon 4/26/84
PFOE (ASME) DATE
POAE (ASME) DATE

CR ... 4/26/84
LEAD DESIGN ORG DATE
CP Co SMO (for turned over systems) DATE

... 4/26/84
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

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 <u>1</u> OF <u>3</u>	

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

2 ITEM DRAWING/PART NO. FSK-M-2HBC-184-4 Δ

3 ITEM PART NAME SOCKET WELDS

4 ITEM SERIAL NO. N/A

5 ITEM DESCRIPTION
SOCKET WELDS ~~#46~~ #46, 50, 51, 45, 44, 43, 49, 48, 41, 17, AND 55
ON DRAWING FSK-M-24BC-184-4 Δ .

6 ITEM STARTUP SYSTEM NO. ZGJA

7 REFERENCE DOCUMENT PCCI-P-1.90 REV 1.
SPEC. M-204 REV 18, SPEC. G-27 REV 21 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:

QVP DESIGN RECEIVING CONST RELEASE FOR INSPECT

POST INSPECT TURNOVER POST TURNOVER PRE-OP TEST FINAL TURNOVER OVERINSPECT

12 REQUIREMENT
PCCI 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. Maty (M-30) 4-2-84
DATE

15 NCR ORIGINATED BY (DISCIPLINE)
MPQAN/QC/PM (ROP) QVP

20 NUMBER OF HOLD TAGS (IF APPLIED)
2 HOLD TAGS APPLIED

21 LOCATION OF HOLD TAGS ADJACENT TO INSTRUMENT 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

23 REPORTED TO MPQA MANAGER DATE NA

25 DISCIPLINE: M

27 TRENCH CODE GG-4000

DATE: 4/6/84

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 ENGR RECOMMENDS REWORK OF WELDS (ITEM A & B) PER SPEC M 204 REV 21 SECTION 5.1.4. AND G-27

TADD BROUT
4/18/84 FWE

RADURICH 4/24/84

33 DISTRIBUTION FOR ACTION

TEAM 6

34 DISPOSITION CONCURRENCE

[Signature] 4/25/84
PROJECT FIELD ENGINEER DATE

[Signature] 4/25/84
HPQAD CONCURRENCE DATE

[Signature] 4/25/84
PFOE (ASNE) DATE

[Signature] 4/26/84
POAE (ASNE) DATE

LEAD DESIGN ORG DATE

[Signature] 4/26/84
CP Co SMO (for turned over systems) DATE

[Signature] 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 SUPERCEDING NCR NUMBER _____

37 NCR CLOSED BY

HPQAD

DATE

A.H.I. (ASNE)

DATE

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/1.4, 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
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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.S.I. REQUIRED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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9 INSPECTION RECORD NO. VP-190-FSK-M-2HBC-56-1-F1	LOG NO. V1679	REV NO. 1	10 RESPONSIBLE ORGANIZATION CONSTRUCTION / BCPCO
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11 NONCONFORMANCE DISCOVERED DURING:

<input checked="" type="checkbox"/> Q.V.P.	<input type="checkbox"/> DESIGN	<input type="checkbox"/> RECEIVING	<input checked="" type="checkbox"/> CONST	<input type="checkbox"/> RELEASE FOR INSPECT
<input checked="" type="checkbox"/> POST INSPECT	<input type="checkbox"/> TURNOVER	<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.

14 NCR ORIGINATED BY (PERSON) <u>Leah M. St...</u>	<u>4-13-84</u>
15 NCR ORIGINATED BY (DISCIPLINE) <u>MPQAP/QC/PM</u>	DATE

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/1.4, 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: <u>[Signature]</u>
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23 REPORTED TO MPQA MANAGER DATE <u>NA</u>	25 DISCIPLINE: <u>M</u>	27 TRENCH CODE <u>DNT</u>	DATE: <u>4/13/84</u>
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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 MCR NUMBER _____

37 MCR 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 1

19 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)

2 ITEM DRAWING/PART NO. 17-634-5 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. 2 ALA-2 2 APA

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:

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 VISUALLY 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.

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) (Signature) 17-64 4-13-84

DATE

15 NCR ORIGINATED BY (DISCIPLINE) MPQAD/SC/MECH

20 NUMBER OF HOLD TAGS (IF APPLIED) 1

21 LOCATION OF HOLD TAGS ATTACHED TO PIPE SEE BLOCK-1

22 POTENTIAL 50.58(e) YES NO

24 ACTION ITEM NO. 506581

25 ITEM PRIORITY CODE NO. 3

26 NCR REVIEWED BY: (Signature) 5/7/84

23 REPORTED TO MPOA MANAGER DATE N/A

25 DISCIPLINE: M

27 TRENCH CODE DNT

28 DATE: 4/13/84

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	_____ NPOAG CONCURRENCE	_____ DATE	_____ PFQCE (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 SUPERSEDING NCR NUMBER _____

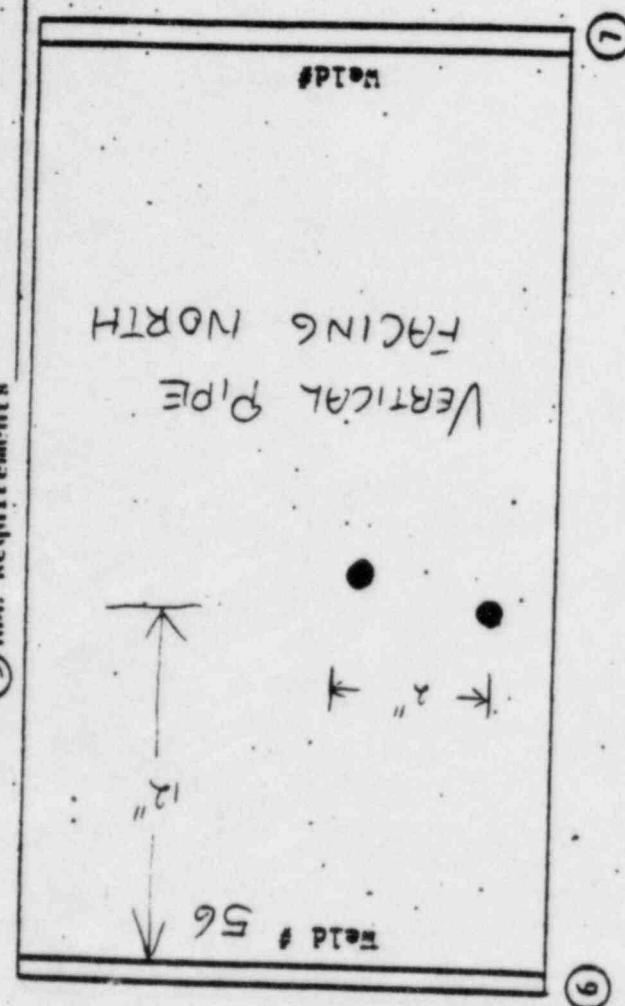
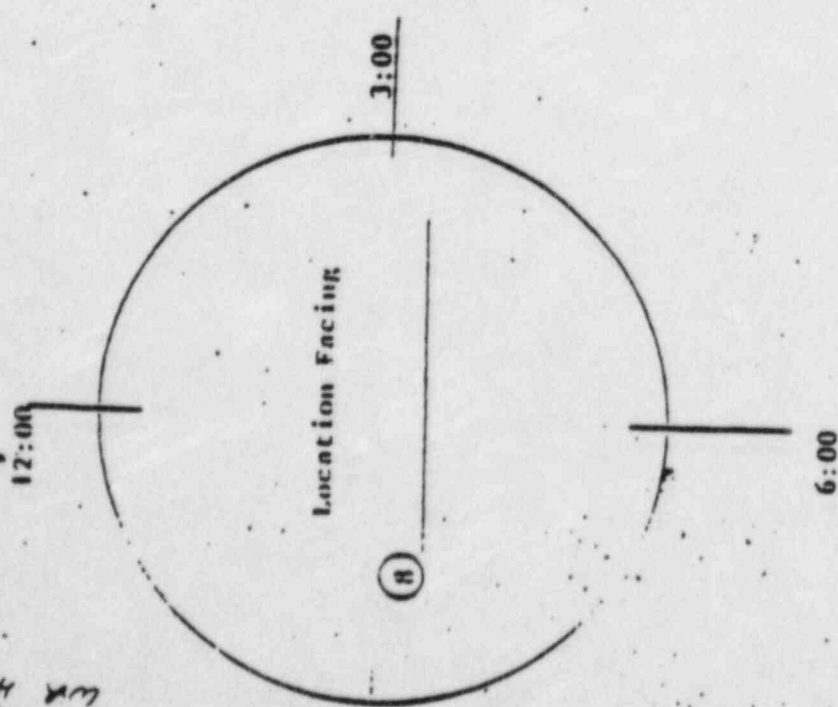
37 NCR CLOSED BY

NPOAG DATE

A.N.I. (ASME) DATE

RECORD OF INSPECTION OF TEMPORARY ATTACHMENTS
AND BASE METAL REPAIRS

- ① INCH # _____
- ② Log # _____
- ③ Weld Procedure _____
- ④ Repair Procedure _____
- ⑤ NDE Requirements _____



0-00753-V
Rev. 3
of 3
LWA 4-13-84

ORIGINAL

REMARKS:

MIDLAND PROJECT
 QUALITY ASSURANCE
 DEPARTMENT

ORIGINAL

NONCONFORMANCE REPORT

16 NCR NO. C-02891-V
 17 DATE ISSUED 4-17-84 18 REV 1
 19 Wd 4-24-84 M
 PAGE 1 OF 3

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

2 ITEM DRAWING/PART NO. FSK-DVI-17-634-S- REV-4 3 ITEM PART NAME FW-73 4 ITEM SERIAL NO.

5 ITEM DESCRIPTION FW-73 (SEAL WELD) 6" 900# FLANGE $\frac{3}{4}$ " PIPE
Wd 4-24-84 M-G

6 ITEM STARTUP SYSTEM NO. 2 ALA 2 7 REFERENCE DOCUMENT M-204 REV-21 8 ASME A.N.I. REQUIRED
M-481 REV-25 YES NO

9 INSPECTION RECORD NO. VP190-FSK-DVI-17-634-S-73 LOG NO. V 2864 REV NO. 1 10 RESPONSIBLE ORGANIZATION
CONST / BPER-G1-14

11 NONCONFORMANCE DISCOVERED DURING:
 POST INSPECT TURNOVER DESIGN RECEIVING CONST RELEASE FOR INSPECT
 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 PCCI REQUIREMENTS SEE ACTIVITY 317 LI. A KLR 4-24-84 (M-G)

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

14 NCR ORIGINATED BY (PERSON) W Lindholm 11-04 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 26 ITEM PRIORITY CODE NO. 3 28 NCR REVIEWED BY: [Signature]

23 REPORTED TO NPQA MANAGER DATE N/A 25 DISCIPLINE: YM 27 TREND CODE ONT DATE: 4/24/84

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

_____	DATE	MPQAO CONCURRENCE	DATE	PFQCE (ASME)	DATE
PROJECT FIELD ENGINEER					
_____	DATE	CP Co SMO (for turned over systems)	DATE	POAE (ASME)	DATE
LEAD DESIGN ORG					
				A.R.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

_____ MPQAO DATE

_____ A.R.I. (ASME) DATE

ORIGINAL

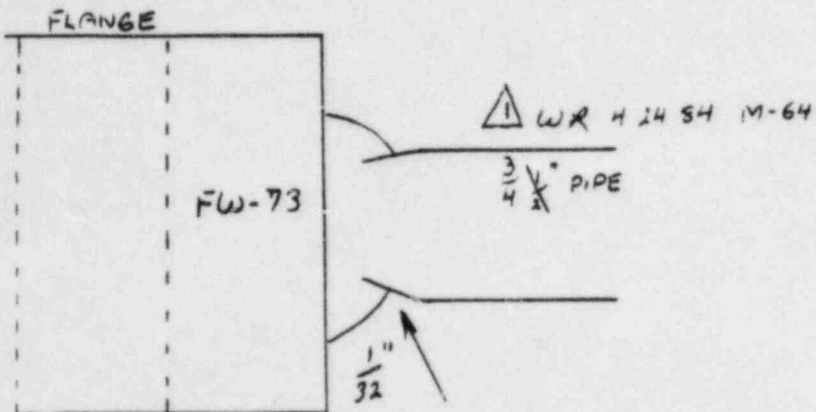
PERFORMANCE REPORT
CONTINUATION SHEET

NCE NO. C-02891-V

DATE ISSUED
4-17-84

REV
e

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 0
19

PAGE 1 OF 3

1 ITEM LOCATION AUX BLOC UNIT-2 1100 1200 ROOM 118 EL 590 18" W OF (7.4) + 9' N. OF (6)

2 ITEM DRAWING/PART NO. FSK-DVI-M-634-5 REV-4 3 ITEM PART NAME FW-66 4 ITEM SERIAL NO. N/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. VP190-FSK-DVI-M-634-5-66 LOG NO. V2857 REV NO. 1 10 RESPONSIBLE ORGANIZATION CONST / BPER - G1-14

11 NONCONFORMANCE DISCOVERED DURING: DESIGN RECEIVING CONST RELEASE FOR INSPECT
 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 ALLOWENCE OF .019" AND VIOLATES MIN-WALL.

14 NCR ORIGINATED BY (PERSON) W. Lindholm 4-17-84
DATE

15 NCR ORIGINATED BY (DISCIPLINE) MPQA/QC/MECU

20 NUMBER OF HOLD TAGS (IF APPLIED) 1 21 LOCATION OF HOLD TAGS SEE BLOCK - 1

22 POTENTIAL 50.55(e) YES NO 24 ACTION ITEM NO. SO6728 25 ITEM PRIORITY CODE NO. 3 26 NCR REVIEWED BY: [Signature]

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
_____	_____	_____	_____	_____	_____
LEAD DESIGN ORG	DATE	CP Co SMO (for turned over systems)	DATE	PQAE (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 SUPERCEDING 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

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