



Consumers
Power
Company

James W Cook

Vice President - Projects, Engineering
and Construction

General Offices: 1945 West Parnall Road, Jackson, MI 49201 • (517) 788-0453

March 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 FEBRUARY 1986
DOCKET NOS 50-329 AND 50-330
FILE 0.4.6 SERIAL 32617

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

CC JGKeppler, USNRC Region III (w/enc)
CBechhoefer, Esq, ASLB (w/enc)
ALAB-106 Service List (w/enc)

8604010204 860325
PDR ADOCK 05000329
R PDR

Boel

OC0386-0023A-MP02

ALAB-106 MONTHLY REPORT SERVICE LIST

Mr Frank J Kelley, Esq
Attorney General of the
State of Michigan
Ms Carole Steinberg, Esq
Assistant Attorney General
Environmental Protection Div
720 Law Building
Lansing, MI 48913

Mr Myron M Cherry, Esq
Cherry & Flynn
3 First National Plaza
Suite 3700
Chicago, IL 60602

Mr F C Williams, Esq
Isham, Lincoln & Beale
1120 Connecticut Ave, NW
Suite 325
Washington, DC 20036

Ms Barbara Stamiris
5795 North River Road
Route 3
Freeland, MI 48623

Mr John DeMeester, Esq
Dow Chemical Building
Michigan Division
Midland, MI 48640

Mr Michael I Miller, Esq
Isham, Lincoln & Beale
3 First National Plaza
52nd Floor
Chicago, IL 60602

Mr Steve Gadler
2120 Carter Avenue
St Paul, MN 55108

Mr William Clements (2)
Docketing & Services
US Nuclear Regulatory Commission
Office of the Secretary
Washington, DC 20555

Ms Mary Sinclair
5711 Summerset Street
Midland, MI 48640

Mr Joseph Rutberg
Assistant Chief Hearing Council
US Nuclear Regulatory Commission
Office of the Executive Legal Director
Washington, DC 20555

Mr P Robert Brown, Jr
Clark, Klein & Beaumont
1600 First Federal Building
1001 Woodward Avenue
Detroit, MI 48226

Ms Lynne Bernabei
Government Accountability
Project of the Institute
for Policy Studies
1901 Q Street, NW
Washington, DC 20009

Mr James E Brunner, Esq
Consumers Power Company
212 West Michigan Avenue
Jackson, MI 49201

INDEX OF ATTACHMENTS
ALAB-106 MONTHLY REPORT
FEBRUARY 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-00057, Opened 2/10/86, Closed 2/10/86

Q-00058, Opened 2/10/86

Q-00059, Opened 2/11/86

Q-00060, Opened 2/19/86, Closed 2/21/86

Q-00061, Opened 2/19/86, Closed 2/21/86

Q-00062, Opened 2/21/86, Closed 2/21/86

Q-00063, Opened 2/20/86, Closed 2/20/86

Q-00064, Opened 2/20/86, Closed 2/20/86

Q-00065, Opened 2/24/86, Closed 2/24/86

Q-00066, Opened 2/24/86, Closed 2/24/86

Q-00008, Closed 2/07/86

Q-00033, Closed 2/14/86

Q-00034, Closed 2/05/86

Q-00041, Closed 2/05/86

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 <div style="text-align: center;">NONCONFORMANCE REPORT</div>		15 NCR NO. <i>Q-00051</i>	17 REV <i>0</i>
		16 DATE ISSUED <i>2/10/86</i>	
		18 PAGE <i>1</i> OF <i>2</i>	
1 ITEM LOCATION Aux. Bldg., Elevation 614, zone 3, between rooms 360 & 361			
2 DRAWING OR PART NO. AND REV. Pc Mk 12 on M-4(Q) rev. 16		3 PART NAME Watertight Dr. #84	4 SERIAL NO. NA
5 ITEM DESCRIPTION Steel watertight door assembly between rooms #360 and #361			
6 ITEM STARTUP SYSTEM NO. 260E	7 REFERENCE DOCUMENT Spec. A-17 Q rev. 20	8 ASME A.N.I. REQUIRED N/A	
9 INSPECTION PLAN N/A	10 ACTION ORGANIZATION Operation & Maintenance Division		
11 ACTIVITY HOLD REQUIRED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		ACTIVITY HOLD ORDER NO. N/A	
12 REQUIREMENT <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <i>door</i> <i>2/10/86</i> </div> Steel watertight #84 is required to prevent leakage of water between rooms 360 and 361. </div>			
13 NONCONFORMANCE <p>A 1½" wide x 66" long section of steel combing was removed from the North side of watertight door assembly #84 to permit removal of Battery Charger 2D-17.</p>			
		14 NCR ORIGINATED BY <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <i>DA Nott</i> D A Nott </div> <div style="text-align: right;"> <i>2/10/86</i> DATE </div> </div>	
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 TREND CODE <i>0</i>	24 NCR REVIEWED BY <i>John L Wood Jr</i> DATE <i>2/10/86</i>
22 DETERMINED TO BE REPORTABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <i>NA</i>		25 SECTION HEAD, ASSURANCE ENGINEERING <i>NA</i>	

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES☐ NO

28 RECOMMENDED DISPOSITION

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

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED

☐ YES☐ NO

CR NO:

30 ADDITIONAL INFORMATION

31 DISPOSITION CONCURRENCE

ACTION ORGANIZATION

DATE

QAD CONCURRENCE

DATE

ENGINEERING

DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

33 METHOD OF DISPOSITION ACTION VERIFICATION

RESULTS OF DISPOSITION ACTION VERIFICATION

☐ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

34 NCR CLOSED BY

QAD

DATE

A.N.I. (ASME)
IF REQUIRED

DATE

QUALITY ASSURANCE DIVISION FORM QAD-1 <div style="text-align: center; margin-top: 10px;">NONCONFORMANCE REPORT</div>		15 NCR NO. Q-00059	17 REV 0
		16 DATE ISSUED 2/11/86	
		18 PAGE <u>1</u> OF <u>2</u>	
1 ITEM LOCATION Aux. Bldg., Elev. 614 Rm. 351			
2 DRAWING OR PART NO. AND REV. 2AD1001AG; 2AD1001AM		3 PART NAME Electrical Cables	4 SERIAL NO. NA
5 ITEM DESCRIPTION 600 volt, 3 conductor cables between cabinets 2D-10 and 2D-17.			
6 ITEM STARTUP SYSTEM NO. EHB		7 REFERENCE DOCUMENT 7220-E-900 rev. 1	8 ASME A.N.I. REQUIRED NA
9 INSPECTION PLAN WO-600067		10 ACTION ORGANIZATION Operations & Maintenance Division	
11 ACTIVITY HOLD REQUIRED: <u> </u> YES <u> X </u> NO		ACTIVITY HOLD ORDER NO. NA	
12 REQUIREMENT Dwg. E-900 rev. 1 Sheet #1 gives the termination requirements of Electrical Cables 2AD1001AG and 2AD1001AM in Battery Charger 2D-17.			
13 NONCONFORMANCE During determination of cables for removal of Battery Charger 2D-17 per Work Order 22600067 cables 2AD1001AG and 2AD1001AM were cut off outside of the cabinet, this shortened their length by approximately 10'.			
		14 NCR ORIGINATED BY <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <u>D A Nott</u> D A Nott </div> <div style="text-align: center;"> <u>2/11/86</u> DATE </div> </div>	
19 HOLD TAG APPLIED <u> </u> YES <u> X </u> NO ITEMS SEGREGATED <u> </u> YES <u> X </u> NO		20 LOCATION OF HOLD TAGS OR SEGREGATED AREA NA	
21 NEED TO REVIEW FOR REPORTABILITY <u> </u> YES <u> X </u> NO		23 TREND CODE 0	24 NCR REVIEWED BY <u>John L. Wood Jr</u> DATE <u>2/11/86</u>
22 DETERMINED TO BE REPORTABLE <u> </u> YES <u> </u> NO NA		25 SECTION HEAD, ASSURANCE ENGINEERING NA	

26 CAUSE

35 PAGE 2 OF 2

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES☐ NO

28 RECOMMENDED DISPOSITION

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

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED

☐ YES☐ NO

CR NO:

30 ADDITIONAL INFORMATION

31 DISPOSITION CONCURRENCE

ACTION ORGANIZATION

DATE

QAD CONCURRENCE

DATE

ENGINEERING

DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

33 METHOD OF DISPOSITION ACTION VERIFICATION

RESULTS OF DISPOSITION ACTION VERIFICATION

☐ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

34 NCR CLOSED BY

QAD

DATE

A.N.I. (ASME)
IF REQUIRED

DATE

QA-006 Rev 2

QUALITY
ASSURANCE
DIVISION

NONCONFORMANCE REPORT

QAD FORM 1

*This copy replaces the original
(lost). Em 2/4/86*

15 NCR NO. Q-00008 17 REV 0
16 DATE ISSUED 2-12-85
18 PAGE 1 OF 2 *245*
2-15-85

1 ITEM LOCATION

Warehouse #2

2 DRAWING OR PART NO. AND REV.

P.O. 5008-3634-QA Item 11

3 PART NAME

Studs

4 SERIAL NO.

Heat #8095577

5 ITEM DESCRIPTION

3 1/2 - 8x24" SA193 B7 A/T Studs, Quantity-4 Trace letter H21

NOTE: The attached customer certification identified the studs as 26" long. This length was listed erroneously on the attached C of C. (Per Marlene Davis of Cardinal's QA department.)

6 ITEM STARTUP SYSTEM NO.

NA

7 REFERENCE DOCUMENT

QA-6 Revision 0

8 ASME A.N.I. REQUIRED

No

9 INSPECTION PLAN REV

NA

10 ACTION ORGANIZATION

Facilities and Materials Division

11 ACTIVITY HOLD REQUIRED:

YES ☒ NO

ACTIVITY HOLD ORDER NO.

12 REQUIREMENT

Section 4.2.2 of Procedure QA-6 Revision 0 states in part: "When a nonconformance is reported to or detected by QAD personnel, QAD is responsible for:... d. Documenting nonconformance on a NCR (Appendix A)"

13 NONCONFORMANCE

A copy of A Part 21 Notice was received by CPCo from Cardinal Industrial Products Corporation indicating that four of thirty two studs received on the above P.O. (item 11) may not have received the required ultrasonic examination.

14 NCR ORIGINATED BY

Robert L. Bishop

Robert L. Bishop

2-11-85
DATE

19 HOLD TAGS APPLIED YES ☒ NO
ITEM SEGREGATED ☒ YES ☐ NO

20 LOCATION OF HOLD TAGS OR SEGREGATED AREA

Warehouse #2 Hold Area

21 NEED TO REVIEW FOR REPORTABILITY

☒ YES ☐ NO

23 TREND CODE

0

24 NCR REVIEW BY:

John L. Wood

DATE:

2-11-85

22 DETERMINED TO BE REPORTABLE

☒ YES ☐ NO

25 SECTION HEAD, ASSURANCE ENGINEERING

Ernie W. Gould

DATE:

2/12/85

QA-6 Rev 0

6 CAUSE
Supplier determined that he did not have records to support the C of C supplied with the 4 studs and therefore he issued a 10 CFR Part 21. This NCR documents the Part 21.

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES

☒ NO

28 RECOMMENDED DISPOSITION

☐ REWORK

☒ SCRAP/REJECT

☐ REPAIR

☐ USE AS IS

29 CONDITIONAL RELEASE NEEDED

☐ YES

☒ NO

CR NO.

30 ADDITIONAL INFORMATION

31 DISTRIBUTION CONCURRENCE

J. Johnson
ACTION ORGANIZATION

2-5-86
DATE

[Signature]
QAD CONCURRENCE

2-7-86
DATE

ENGINEERING

N/A

DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

The four (4) studs in question have been scrapped.

33 METHOD OF DISPOSITION ACTION VERIFICATION

VISUAL INSPECTION WHSE #2

RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE

☐ UNACCEPTABLE

IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

NCR CLOSED BY

[Signature]
QAD

2/7/86
DATE

A.N.I. (ASME)
IF REQUIRED

DATE

Cardinal

INDUSTRIAL PRODUCTS CORPORATION

411 WEST LOUENCO • LAS VEGAS, NEVADA 89116-3093
PHONE (NEVADA) 726-7269 • (TOLL FREE) 800-834-0881
TELEX 646-463



PAGE 1

CUSTOMER CERTIFICATION

CUSTOMER NO. 7882586
CONSUMERS POWER CORP
MIDLAND PLANT OPERATIONS
3500 E. MILLER ROAD
MIDLAND, MICH 48640
CUST. P.O. NO. 5008-3634-0A
CUST PO ITEM NO. 011

CERT NO. 0028969
CERT DATE: 03/16/83
SHPD DATE: 03/16/83
C.I. NO. 0028796
C.I.P. ITEM NO. 011
QTY ORDERED: 32
QTY SHPD: 4

CERTIFICATION FOR ITEM 3 1/2-8X26" SA193 B7 A/T STUDS
HEAT NO. 8095577

TRACE.LTR.: H21

CHEMISTRY LISTING

C	.410✓	Cr	.980✓	Mn	.920✓	Mo	.200✓	P	.009✓
S	.240✓	S	.022✓						

** PHYSICALS **

<< SUB SIZE >>
TENSILE STRENGTH: 137000 PSI✓
YIELD STRENGTH: 114800 PSI✓
% ELONGATION: 20. IN 2 INCHES✓
% REDCN OF AREA: 58.1✓

** HARDNESS **

ENDING HARNDNESS

285. BHN

** HEAT TREAT DATA **

TEMP
TIME
MEDIA

TEMPER
1100 F
MIN. TEMP.

** CHARPY IMPACT DATA **

	IMPACT STRENGTH	68. F	MILLS LTRL EXPAN.	% SHEAR AREA
TEST 1	62.	41.		33
TEST 2	63.	38.		3
TEST 3	73.	50.		20
AVERAGE	66.	43.		19

CONTINUED TO PAGE 2

0461

CERT NO. 0028969

CONSUMERS POWER CORP
MIDLAND PLANT OPERATIONS
3500 E. MILLER ROAD
MIDLAND, MICH 48640
CST. P.O. NO. 5008-3634-QA

SHPD DATE 03/16/83

C. I. NO. 0028796

C. I. P. ITEM NO. 011

QTY ORDERED: 32

QTY SHPD	4
----------	---

TRACE LTR. H21

INQUIRY NO. 04346

PER ASME B & PV CODE SECTION III, CLASS 1, 1980 EDITION THRU
WINTER 1981 ADDENDA.
10CFR21 APPLIES.

HEAT TREATED IN ACCORDANCE WITH THE MATERIAL SPECIFICATION, SA614. PARAGRAPHS RU, RW AND RZ ARE APPLICABLE TO THIS ORDER. THIS MATERIAL HAS BEEN MAGNETIC PARTICLE INSPECTED AND ULTRASONIC INSPECTED IN ACCORDANCE WITH SECTION V, ARTICLE 7 (FOR MAGNETIC PARTICLE) AND SECTION V, ARTICLE 5 (FOR ULTRASONIC) OF THE ASME B & PV CODE AND FOUND ACCEPTABLE TO SA-614, PARAGRAPHS RW AND RZ. INSPECTOR CERTIFIED TO ASNT-TC-A1, LEVEL II.

THIS MATERIAL WAS SUPPLIED AND PRODUCED IN ACCORDANCE WITH
CARDINAL INDUSTRIAL PRODUCTS QUALITY ASSURANCE PROGRAM DATED
JANUARY 22, 1982, REV. 3, WHICH MEETS THE REQUIREMENTS OF
MIL-3800/ANSI N45 2.

THE ABOVE PRODUCT HAS BEEN SUPPLIED PER AMERICAN SOCIETY OF MECHANICAL ENGINEERS.

AUTHORIZED AGENT.

DATE

REPORTING DEFECTS/NON-CONFORMANCES
10CFR PART 21

1) PO file

a) ~~10CFR PART 21~~

Customer... Consumers Power Company (Midland).....

P.O. No. 5008-3634-QA Line Item # (s).... 11.....

C.I. No. 28796..... Line Item # (s).... 11.....

Material Description. 3 1/2" - B. X. 26" SA. 193. B7. A/T. Studs.

Heat # 809.5577... Trace Ltr. H21... Cert. # 28969.

Qty 4 - Total order was 32......

Defect Noted... We are unable to locate the ultrasonic test report (U.T.) for these 4 pieces and the CMR is not properly filled out to indicate the test was performed. Please review your application and advise us of action we should take.

Disposition: Reportable
To Customer: Yes... ☒ ... No.....

Signed... Dennis C. Fidler..... Date... Sept. 26, 1984

If reportable, mailed to: Consumers Power Corp......
Midland Plant Operations.....
3500 E. Miller Rd - P.O. Box 1593
Midland, Mich. 48640

The above material has been shipped to you on your referenced P.O. number. We have noted a defect which could possibly be a safety hazard. Will you please evaluate this noted condition in accordance with 10CFR21 Paragraph 21.21 (a) (1) (ii) and (b) (1). Please advise us of action taken.

*This copy replaces original (lost).
En D 2/10/86*

NONCONFORMANCE REPORT

15 NCR NO.
Q-00033

17 REV
2 *10/14/85*
2/1/86

16 DATE ISSUED
10/14/85

18 PAGE 1 OF 2

1 ITEM LOCATION

Unit #1 Auxiliary Building, 634'6" Elev. & Containment, Various elevations

2 DRAWING OR PART NO. AND REV.

M-421 Sh. 1 revision 8; Sh. 2 revision 5; Sh 3 revision 5

3 PART NAME

Reactor Building
Penetration Pressurization

4 SERIAL NO.

NA

5 ITEM DESCRIPTION

Reactor building Penetration Pressurization System

6 ITEM STARTUP SYSTEM NO.

1-RPP

7 REFERENCE DOCUMENT

WO - 22500037

8 ASME A.N.I. REQUIRED

No

9 INSPECTION PLAN

REV

WO-500037

2

10 ACTION ORGANIZATION

O & M Division

11 ACTIVITY HOLD REQUIRED:

YES

☒ NO

ACTIVITY HOLD ORDER NO.

NA

12 REQUIREMENT

Work Order 22500037 Steps 1, 2, 3 and 4.

13 NONCONFORMANCE

1. Contrary to the W.O. the following vent and drain valves were found open:

1VRPP476

1VSW 713

1VRPP526

1VRPP725

2. The portion of the system on M-421 Sh. 1 Zones A-5 and 6 and B-5 and 6 was not checked as required by the subject W.O. This was documented on the drawing by the operator's comment.

~~3. The following incomplete portions of the system were found open to the atmosphere (not capped):~~

~~1VRPP206~~

~~1VRPP402~~

~~1VRPP699~~

NA 1/30/86

14 NCR ORIGINATED BY

D.A. Nott

D A Nott

10/14/85
1/31/86 DATE

19 HOLD TAG APPLIED

YES

☒ NO

20 LOCATION OF HOLD TAGS OR SEGREGATED AREA

NA

21 NEED TO REVIEW FOR REPORTABILITY

YES

☒ NO

23 TREND CODE

1

24 NCR REVIEWED BY

DATE

John L. Wood Jr.
AK F...

22 DETERMINED TO BE REPORTABLE

YES

NO

NA

25 SECTION HEAD, ASSURANCE ENGINEERING

NA

26 CAUSE Item 1 - IVSW5713 was opened to check line dry for SW3 dehumidification line up.

IVRPP 476 - The hand wheel hits a pipe next to it preventing closure.

IVRPP 526, 725 - cause UNKNOWN

35 PAGE 2 OF 2

Item 2 - These 4 lines appeared isolated by visual observation by the operator.

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES

☒ NO

28 RECOMMENDED DISPOSITION

☐ REWORK

☐ SCRAP/REJECT

☐ REPAIR*

☒ USE AS IS*

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED

☐ YES

☒ NO

CR NO:

30 ADDITIONAL INFORMATION

31 DISPOSITION CONCURRENCE

Steve Olson
ACTION ORGANIZATION

1/31/86
DATE

W.A. Nott
QAD CONCURRENCE

1/31/86
DATE

J.G. DeBuck
ENGINEERING

1/31/86
DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

Item 1 - IVSW5713 - ~~will be~~ ^{has been} shut. Jan 2/14/86

IVRPP 476, IVRPP 526, IVRPP 725 - are all taped and no further action will be taken.

Item 2 - The lines go to ventilation ducts from the N₂ header. Since no water ~~has~~ was introduced to the system, no further action will be taken. It is also believed the QA inspector verified this lines condition.

33 METHOD OF DISPOSITION ACTION VERIFICATION

Verified valves in Item #1 were closed or taped as indicated. Item #2 no action required

RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE

☐ UNACCEPTABLE

IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR NUMBER _____

34 NCR CLOSED BY

W.A. Nott
QAD

2/14/86
DATE

A.N.I. (ASME)
IF REQUIRED

DATE

QA-006 Rev 2

original of the drawing
is on the back of the copy

NONCONFORMANCE REPORT

0-000.34
16 DATE ISSUED
10/15/85
18 PAGE 1 OF 2

1 ITEM LOCATION

DIESEL GENERATOR BLDG.

2 DRAWING OR PART NO. AND REV.

M-452 SH. 1A AND 1B

3 PART NAME

DIESEL GENERATOR
FUEL OIL SYSTEM

4 SERIAL NO.

N/A

5 ITEM DESCRIPTION

EMERGENCY DIESEL GENERATOR FUEL OIL SYSTEM

6 ITEM STARTUP SYSTEM NO.

1 JEA
2 JEA

7 REFERENCE DOCUMENT

WORK ORDER
1 DFO 22500345

8 ASME A.N.I. REQUIRED

YES

9 INSPECTION PLAN

REV

10 ACTION ORGANIZATION

W0-500345 REV.1

O + M

11 ACTIVITY HOLD REQUIRED:

YES

X NO

ACTIVITY HOLD ORDER NO.

NA

12 REQUIREMENT

W.O. 22500345 STEP 3 REQUIRES ALL VENTS AND DRAIN VALVES
TO BE SHUT AND ALL OPENINGS TO BE COVERED.

13 NONCONFORMANCE

CONTRARY TO THE REQUIREMENT, VENT VALVES 452-1B-096, 106, 109 AND VALVE
452-1B-108 HAVE BEEN LEFT OPEN, ALTHOUGH THE OUTLETS ARE CAPPED.
THE ATMOSPHERIC VENTS FOR ALL FOUR DIESEL OIL DAY TANKS HAVE NOT
BEEN SEALED, THUS PREVENTING ISOLATION OF THE TANKS FROM
THE ATMOSPHERE

14 NCR ORIGINATED BY

M. H. Qu

10/14/85

DATE

19 HOLD TAG APPLIED

YES

X NO

20 LOCATION OF HOLD TAGS OR SEGREGATED AREA

ITEMS SEGREGATED

YES

X NO

NA

21 NEED TO REVIEW FOR
REPORTABILITY

YES

X NO

23 TREND CODE

1

24 NCR REVIEWED BY JOHN L. WOOD

DATE 10/15/85

22 DETERMINED TO BE REPORTABLE

YES

NO

NA

25 SECTION HEAD, ASSURANCE ENGINEERING

NA

Item 2 - As stated above the operator performing the work felt the flash arrestors, on the end of the vent lines met the requirements of step 3 of the work order.

QA-006 Rev 2

NONCONFORMANCE REPORT

15 NCR NO. <u>Q-00041</u>	17 REV <u>0</u>
16 DATE ISSUED <u>11-18-85</u>	
18 PAGE <u>1</u> OF <u>2</u>	

1 ITEM LOCATION

CONTAINMENT 2

2 DRAWING OR PART NO. AND REV.

M-424 SH. D A

3 PART NAME

NA

4 SERIAL NO.

NA

5 ITEM DESCRIPTION

REACTOR COOLANT PUMP SEAL PIPING

6 ITEM STARTUP SYSTEM NO.

2B3C

7 REFERENCE DOCUMENT

W.O. 2250 0436

8 ASME A.N.I. REQUIRED

NA

9 INSPECTION PLAN REV

W.O. 500436

1

10 ACTION ORGANIZATION

O + M

11 ACTIVITY HOLD REQUIRED:

YES

NO

ACTIVITY HOLD ORDER NO.

NA

12 REQUIREMENT

W.O. STEP 2 REQUIRES PIPING TO BE DRAINED, AND IF WATER IS EVIDENT, TO BE BLOWN DRY.

SYSTEM LAYOUT REQTS. N2 P423/P424 REQUIRES WATER TO BE BLOWN DRY WITH INSTRUMENT AIR OR DEHUMIDIFIED AIR.

13 NONCONFORMANCE

SIGHT GLASS 2FG-2478D IN LINE 2HCD-245 CONTAINS WATER THAT IS NOT ISOLATED FROM LINE 2CCC-20.

14 NCR ORIGINATED BY

M.H. Orr

11/18/85
DATE

19 HOLD TAG APPLIED YES NO

ITEMS SEGREGATED YES NO

20 LOCATION OF HOLD TAGS OR SEGREGATED AREA

NA

21 NEED TO REVIEW FOR REPORTABILITY YES NO

23 TREND CODE

1

24 NCR REVIEWED BY

J. Wood, Jr.
DATE 11/27/85

22 DETERMINED TO BE REPORTABLE

YES

NO

25 SECTION HEAD, ASSURANCE ENGINEERING

J. Wood, Jr.
for Acting

J. Wood, Jr.

11/27/85

26 CAUSE Item 1. The moisture observed was trapped in the in line sight glass by rust and dirt. The operator blew the system down with air, and when no water issued from the drain, he sewered the air.

35 PAGE 2 OF 2

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES

☒ NO

28 RECOMMENDED DISPOSITION

☐ REWORK

☐ SCRAP/REJECT

☐ REPAIR*

☒ USE AS IS*

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED

☐ YES

☒ NO

CR NO:

30 ADDITIONAL INFORMATION

The standing water is in the sight glass trapped below the level of the pipe & will not flow. Evaporation of this small amt. of water will not compromise the NG pipe or the ASME CCC system. *WHS 1/31/86*

31 DISPOSITION CONCURRENCE

Steve Blum
ACTION ORGANIZATION

1/30/86
DATE

M. H. Dur
QAD CONCURRENCE

2/5/86
DATE

J. G. Sudunk
ENGINEERING

1/31/86
DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

Item 1 - Due to the amount and location of the moisture, no further action will be taken. This small amount of moisture should dry by normal evaporation.

33 METHOD OF DISPOSITION ACTION VERIFICATION

USE AS IS

RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE

☐ UNACCEPTABLE

IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR NUMBER _____

34 NCR CLOSED BY

M. H. Dur *2/5/86*
QAD DATE

A.N.I. (ASME)
IF REQUIRED

DATE

QUALITY
ASSURANCE
DIVISION
FORM QAD-1

NONCONFORMANCE REPORT

15	NCR NO. <u>Q-00057</u>	17	REV <u>0</u>
16	DATE ISSUED <u>2/10/86</u>		
18	PAGE <u>1</u> OF <u>2</u>		

1 ITEM LOCATION

Service Water and Diesel Generator Bldgs.

2 DRAWING OR PART NO. AND REV.

M-418A (Q)

3 PART NAME

-

4 SERIAL NO.

-

5 ITEM DESCRIPTION

Inline valves

6 ITEM STARTUP SYSTEM NO.

NA

7 REFERENCE DOCUMENT

WO 22500544

8 ASME A.N.I. REQUIRED

NA

9 INSPECTION PLAN REV

WO-500544

1

10 ACTION ORGANIZATION

O&M

11 ACTIVITY HOLD REQUIRED:

YES

X

NO

ACTIVITY HOLD ORDER NO.

-

12 REQUIREMENT

WO 22500544 step 2 states in part "All valves in the flow path should be open and isolation valves shut."

13 NONCONFORMANCE

Contrary to the above requirements isolation valve OMO-1819 was found open. Flow path valves 1VSW003A and 2VSW003B were found closed.

14 NCR ORIGINATED BY

Fred J. Lounds

2/10/86
DATE

19 HOLD TAG APPLIED YES X NO

ITEMS SEGREGATED YES X NO

20 LOCATION OF HOLD TAGS OR SEGREGATED AREA

NA

21 NEED TO REVIEW FOR REPORTABILITY YES X NO

23 TREND CODE

1

24 NCR REVIEWED BY

DATE

John C. Wood Jr.
2/10/86

22 DETERMINED TO BE REPORTABLE

YES

NO

NA

25 SECTION HEAD, ASSURANCE ENGINEERING

NA

- Valve OMO-1819 was misread on the valve line-up.
- Valves 1VSW003A & 2VSW003B were closed due to valve operators not installed properly. These valves are now open.

27 PROCESS CORRECTIVE ACTION REQUIRED ☐ YES ☒ NO

28 RECOMMENDED DISPOSITION

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

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED ☐ YES ☒ NO CR NO:

30 ADDITIONAL INFORMATION

N/A

31 DISPOSITION CONCURRENCE

R. Stevenson
ACTION ORGANIZATION2/10/86
DATE[Signature]
QAD CONCURRENCE2/10/86
DATE

NA

NA

ENGINEERING

DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

Valve OMO-1819 was closed

Valves 1VSW003A and 2VSW003B were opened.

33 METHOD OF DISPOSITION ACTION VERIFICATION

Visual inspection of valves

RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE ☐ UNACCEPTABLE
IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

34 NCR CLOSED BY

[Signature]
QAD2/10/86
DATEA.N.I. (ASME)
IF REQUIRED

DATE

13883 0371

QUALITY ASSURANCE DIVISION FORM QAD-1		15 NCR NO. <u>CR-00060</u> 16 DATE ISSUED <u>2/19/86</u> 17 REV <u>0</u> 18 PAGE <u>1</u> OF <u>3</u>	
NONCONFORMANCE REPORT			
1 ITEM LOCATION <u>Aux. Bldg. + Yard Area</u>			
2 DRAWING OR PART NO. AND REV. <u>M-412A A M-412B A</u>		3 PART NAME <u>NA</u>	4 SERIAL NO. <u>NA</u>
5 ITEM DESCRIPTION <u>RBS SYSTEM LAYUP</u>			
6 ITEM STARTUP SYSTEM NO.		7 REFERENCE DOCUMENT <u>W.O. 2250 0896</u>	8 ASME A.N.I. REQUIRED <u>NA</u>
9 INSPECTION PLAN <u>WO-500896</u>	REV <u>0</u>	10 ACTION ORGANIZATION <u>O+M</u>	
11 ACTIVITY HOLD REQUIRED: <u>YES</u> <input checked="" type="checkbox"/> <u>NO</u> <input type="checkbox"/>		ACTIVITY HOLD ORDER NO. <u>NA</u>	
12 REQUIREMENT ① WORK ORDER STEP 4 STATES: "CLOSE VENTS AND DRAIN VALVES AND SEAL ALL OTHER OPENINGS IN PIPING." ② WORK ORDER STEP 2 STATES IN PART: "VERIFY..... SYSTEM IS DRY, IF MOISTURE IS PRESENT, BLOW DRY WITH SERVICE AIR....."			
13 NONCONFORMANCE Following completion of the unit & RBS system layup on 11/25/85, the following deficiencies were noted during inspection and subsequently corrected per original work order direction. This NCR is therefore issued closed. Conforming to the requirements: A.) Vent valve 412A-156 was found to be open and untaped. Subsequently closed and taped by operator per original work order direction. B.) Line 11CB-2 valve 412A-027 open and not taped. Subsequently taped shut by operator per original work order direction. (Continued Page 3)			
19 HOLD TAG APPLIED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		20 LOCATION OF HOLD TAGS OR SEGREGATED AREA <u>NA</u>	
ITEMS SEGREGATED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
21 NEED TO REVIEW FOR REPORTABILITY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		23 TREND CODE <u>1</u>	24 NCR REVIEWED BY <u>John C. Wooten</u> DATE <u>2/19/86</u>
22 DETERMINED TO BE REPORTABLE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <u>NA</u>		25 SECTION HEAD, ASSURANCE ENGINEERING <u>NA</u>	

Handwritten:
2/19/86
NA

26 CAUSE

THE CAUSE OF THE ABOVE ITEMS WERE DUE TO OPERATOR
CARE SLIGHT DURING PERFORMANCE OF THE WORK ORDER.

35 PAGE 2 OF 3

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES☒ NO

28 RECOMMENDED DISPOSITION

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

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED

☐ YES☒ NO

CR NO:

30 ADDITIONAL INFORMATION

31 DISPOSITION CONCURRENCE

Steve Clark
ACTION ORGANIZATION2/17/86
DATEW. H. D.
QAD CONCURRENCE2/17/86
DATE

ENGINEERING

DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

SEE BLOCK 13 FOR DISPOSITION OF EACH LINE ITEM.

33 METHOD OF DISPOSITION ACTION VERIFICATION

VISUALLY VERIFIED ACTIONS DESCRIBED FOR EACH ITEM
IN BLOCK 13

RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

34 NCR CLOSED BY

W. H. D. 2/17/86
QAD DATEN A
A.N.I. (ASME)
IF REQUIRED

DATE

NONCONFORMANCE REPORT
CONTINUATION SHEET

NCR NO.

Q-00060

REV.

0

DATE ISSUED

2/9/86

PAGE

3

OF

3

Page 3 (continued)

C.) CR VALVE 412A-000 ON LINE 24" IHCB-1 IN RM 31 HAS AN OPEN HINGE PIN BORE. THIS OPENING SUBSEQUENTLY SEALED BY OPERATOR PER ORIGINAL WORK ORDER DIRECTION.

D.) VALVE 412A-143 WAS FOUND OPEN AND UNTAPED. SUBSEQUENTLY CLOSED BY OPERATOR PER ORIGINAL WORK ORDER DIRECTION.

E.) 18" LINES IHCB-1 AND -2 WERE FOUND OPEN AND UNTAPED IN VAULT BELOW BUST 17-60. SUBSEQUENTLY SEALED PER ORIGINAL WORK ORDER DIRECTION BY OPERATOR.

F.) APPROXIMATELY 1 GAL. OF WATER WAS DUMPED FROM 18" IHCB-2 AT DRAIN VALVE 412A-144 AT TIME OF INSPECTION. LINE WAS SUBSEQUENTLY BLOWN DRY BY OPERATOR PER ORIGINAL WORK ORDER DIRECTION.

THESE ITEMS WERE DISCUSSED WITH OPERATIONS SUPERVISOR ON 12/20/85 AND 2/17/86.

QUALITY ASSURANCE DIVISION FORM QAD-1		15 NCR NO. Q-00061		17 REV 0							
NONCONFORMANCE REPORT		16 DATE ISSUED 2/21/86		18 PAGE 1 OF 3							
1 ITEM LOCATION 1Zs-1260 Location: Ax rm 021B 2Zs-1360 Location: Ax rm 023B											
2 DRAWING OR PART NO. AND REV. Equipment Qualification Package M-125CD, rev 0		3 PART NAME Limit switches		4 SERIAL NO. 1ZS-1260 2ZS-1360							
5 ITEM DESCRIPTION Limit switches on Anchor Darling 4 inch valve class 150; SN-5205-47-1-2 Dwg. 4069-3; 4-HCB-GT-1XV1260, 4-HCB-GT-2XV1360, 7220-M-125-CC item 49.2											
6 ITEM STARTUP SYSTEM NO. 1BKD, 2BKD		7 REFERENCE DOCUMENT Original MPQAD NCR M-01-8-2-406		8 ASME A.N.I. REQUIRED NA							
9 INSPECTION PLAN REV		10 ACTION ORGANIZATION MEC QAD									
11 ACTIVITY HOLD REQUIRED: ____ YES <u>X</u> NO		12 ACTIVITY HOLD ORDER NO. NA									
12 REQUIREMENT FSAR section 3.11 states: "safety-related equipment must be capable of maintaining functional operability under conditions postulated to occur during its installed life." NUREG 0588 defines the detailed requirements for which safety-related equipment must be qualified.											
13 NONCONFORMANCE Vendor (Honeywell) did not provide test documentation for listed limit switches. Therefore, switches could not be qualified per NUREG 0588. <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><u>Switch ID Nos.</u></td> <td style="text-align: center;"><u>Location</u></td> </tr> <tr> <td style="text-align: center;">1ZS-1260</td> <td style="text-align: center;">Ax: Rm 021B</td> </tr> <tr> <td style="text-align: center;">2ZS-1360</td> <td style="text-align: center;">Ax: Rm 023B</td> </tr> </table>						<u>Switch ID Nos.</u>	<u>Location</u>	1ZS-1260	Ax: Rm 021B	2ZS-1360	Ax: Rm 023B
<u>Switch ID Nos.</u>	<u>Location</u>										
1ZS-1260	Ax: Rm 021B										
2ZS-1360	Ax: Rm 023B										
19 HOLD TAG APPLIED YES ____ <u>X</u> NO		20 LOCATION OF HOLD TAGS OR SEGREGATED AREA NA									
ITEMS SEGREGATED YES ____ <u>X</u> NO											
21 NEED TO REVIEW FOR REPORTABILITY YES ____ <u>X</u> NO		23 TREND CODE NA		24 NCR REVIEWED BY J.L. Wood (cc) DATE 2/21/86 WAT/ott for							
22 DETERMINED TO BE REPORTABLE ____ YES ____ NO		25 SECTION HEAD, ASSURANCE ENGINEERING									

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES☒ NO

28 RECOMMENDED DISPOSITION

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

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED

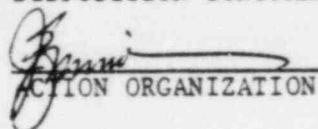
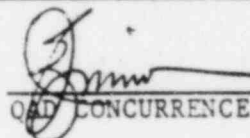
☐ YES☒ NO

CR NO:

30 ADDITIONAL INFORMATION

Refer to original NCR M01-8-2-406 dated 10/15/82.

31 DISPOSITION CONCURRENCE


ACTION ORGANIZATION2/19/86
DATE
QAD CONCURRENCE2/19/86
DATE

ENGINEERING

DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

Valves 4-HCB-GT-1XV1260 and 4-HCB-GT-2XV1360 were sold to the Palisades Nuclear Power Plant with the limit switches attached on 2/10/86 by the Salvage Group, refer to M.O. 22600071 and 22600072 for authorization.

Performed by QAD Verification 2/11/86.

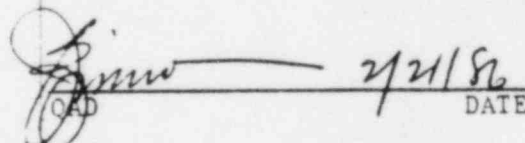
33 METHOD OF DISPOSITION ACTION VERIFICATION

Visual inspection performed

RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

34 NCR CLOSED BY


QAD DATE 2/21/86A.N.I. (ASME)
IF REQUIRED

DATE

To File

FROM QAD Verification Group

DATE February 19, 1986

SUBJECT CLOSURE OF NCR M01-8-2-406

**Consumers
Power
Company**

INTERNAL
CORRESPONDENCE

CC NCR Q-00061

This memo documents the disposition and action taken to close subject NCR. Subject NCR listed two (2) limit switches that were associated with installed plant components identified as Anchor Darling 4 inch Air operated valves, 4- HCB-GT-1XV1260 and 4-HCB-GT-2XV1360. Both valves with nonconforming limit switches were removed from the Midland Energy Center and sold to the Palisades Nuclear Plant on February 10, 1986. Refer to M.O. 22600071 and 22600072 for authorization of work performed.

In accordance with Midland Project Shutdown Organization Procedure QA-6, subject NCR is transferred to NCR Q-00061 for the purpose of documenting this closure.

QUALITY ASSURANCE DIVISION FORM QAD-1 <div style="text-align: center;">NONCONFORMANCE REPORT</div>		15 NCR NO. <u>Q-00062</u>	17 REV <u>0</u>
		16 DATE ISSUED <u>2/21/86</u>	
		18 PAGE <u>1</u> OF <u>3</u>	
1 ITEM LOCATION Auxiliary Bldg. & Unit #2 Reactor Bldg.			
2 DRAWING OR PART NO. AND REV. M-413B, rev. 11/M-413A, rev. 8		3 PART NAME NA	
4 SERIAL NO. NA			
5 ITEM DESCRIPTION Layup of Unit 2 Reactor Building Spray System			
6 ITEM STARTUP SYSTEM NO. NA		7 REFERENCE DOCUMENT W.O. 22500897	
8 ASME A.N.I. REQUIRED NA			
9 INSPECTION PLAN W.O. 500897		10 ACTION ORGANIZATION O&M	
11 ACTIVITY HOLD REQUIRED: ____ YES <u> x </u> NO		ACTIVITY HOLD ORDER NO. NA	
12 REQUIREMENT Work Order 22500897, step 2 states in part, "Verify Unit #2 RBS system is dry by opening system vent and drain valves. If moisture is present, blow dry with service air such that there are no visible signs of moisture emanating from drain points."			
13 NONCONFORMANCE When the following valves were opened water was observed; 2VRBS096, 2VRBS093, 2VRBS098, 2VRBS094. In addition, when valves 2VRBS045A and 2VRBS045B were opened water was heard leaving the system. Line segments associated with these valves were subsequently blown dry by operator per original work order direction.			
		14 NCR ORIGINATED BY <u>M C Butterfield</u> <u>4/21/86</u> M C Butterfield DATE	
19 HOLD TAG APPLIED ____ YES <u> x </u> NO ITEMS SEGREGATED ____ YES <u> x </u> NO		20 LOCATION OF HOLD TAGS OR SEGREGATED AREA NA	
21 NEED TO REVIEW FOR REPORTABILITY ____ YES <u> x </u> NO		23 TREND CODE <u>1</u>	
		24 NCR REVIEWED BY <u>J.L. Wood (br)</u> DATE <u>2/21/86</u> <u>W.A. Nott for</u>	
22 DETERMINED TO BE REPORTABLE ____ YES ____ NO		25 SECTION HEAD, ASSURANCE ENGINEERING <u>N/A</u>	

26 CAUSE

35 PAGE 2 OF 3

The cause of the above items was oversight by the operator during performance of the work order.

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES☒ NO

28 RECOMMENDED DISPOSITION

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

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED

☐ YES☒ NO

CR NO:

30 ADDITIONAL INFORMATION

31 DISPOSITION CONCURRENCE

Steve Glue
ACTION ORGANIZATION2/21/86
DATEM C Butterfield
QAD CONCURRENCE2/21/86
DATER E Whitaker
ENGINEERING2/21/86
DATENA
A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

See block 13

33 METHOD OF DISPOSITION ACTION VERIFICATION

See continuation sheet

RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

34 NCR CLOSED BY

M C Butterfield 2/21/86
QAD DATE
M C ButterfieldNA
A.N.I. (ASME)
IF REQUIRED

DATE

QUALITY ASSURANCE DIVISION FORM QAD-3	NCR NO.	REV.
	<u>Q-00062</u>	<u>0</u>
	DATE ISSUED	<u>2/21/06</u>
NONCONFORMANCE REPORT CONTINUATION SHEET		PAGE <u>3</u> OF <u>3</u>

BLOCK 33:

Verified when valves 2VRBS096, 2VRBS093, 2VRBS098, 2VRBS094 were opened there were no visible signs of moisture. When valves 2VRBS045A and 2VRBS045B were opened there were no audible sounds which indicated any water was in the system.

QUALITY ASSURANCE DIVISION FIRM QAD-1 <div style="text-align: center; margin-top: 10px;">NONCONFORMANCE REPORT</div>		15 NCR NO. <u>Q-00063</u>	17 REV <u>0</u>
		16 DATE ISSUED <u>2/21/86</u>	
		18 PAGE <u>1</u> OF <u>2</u>	
1 ITEM LOCATION Standish Fabrication Shop			
2 DRAWING OR PART NO. AND REV. NA		3 PART NAME Wide Flange Tie	
4 SERIAL NO. NA			
5 ITEM DESCRIPTION P.O. Item #3 - Two (2) pieces WT4x12x20 ft. ASTM A-36-81a Wide Flange Ties (Heat No. 77214)			
6 ITEM STARTUP SYSTEM NO. R1D00		7 REFERENCE DOCUMENT P.O. F-66749; PQCI R-1.00 Revision 15; Mat'l Spec A-6	
8 ASME A.N.I. REQUIRED NA			
9 INSPECTION PLAN REV BPCo original-R 1.00 21000 Log #259620		10 ACTION ORGANIZATION Quality Assurance Dept.	
11 ACTIVITY HOLD REQUIRED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		ACTIVITY HOLD ORDER NO. NA	
12 REQUIREMENT 1) Material spec. A-6 Table 25 - Permissible variations in dimensions for split tees-for depth of tee is specified as over and under 1/8" (Depth of tee 4"). 2) Material spec. A-6 Table 21 - Permissible variations in straightness (permissible variation for Camber) - for 3" and over nominal size material is 1/2". 3) PQCI R-1.00 rev. 15 activity 3.5 - Characteristic verification per characteristics appendix A states in part to inspect for surface defects.			
13 NONCONFORMANCE 1) Upon receipt inspection of the WT 4x12x20' wide flange tee, on one end the depth of tee measured is only 3 5/8". 2) Upon receipt inspection, when measured camber on one tee is 2" and on the other tee is 2 1/4" respectively. 3) Upon receipt inspection, one WT 4x12 tee shows the surface defects of 1/4" deep gouges at four locations.			
		14 NCR ORIGINATED BY <u>L Zimmerman</u> <u>2/20/86</u> 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 TREND CODE NA	
		24 NCR REVIEWED BY <u>J.L. Wood (jr)</u> DATE <u>2/21/86</u> <u>W.A. Nott for</u>	
22 DETERMINED TO BE REPORTABLE YES <input type="checkbox"/> NO <input type="checkbox"/>		25 SECTION HEAD, ASSURANCE ENGINEERING	

26 CAUSE

35 PAGE 2 OF 2

NONE

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES☒ NO

28 RECOMMENDED DISPOSITION

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

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED

☐ YES☒ NO

CR NO:

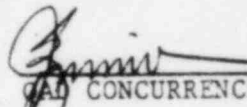
30 ADDITIONAL INFORMATION

Refer to original MPQAD NCR C-04971 dated 6/20/84.

31 DISPOSITION CONCURRENCE


ACTION ORGANIZATION

DATE


QAD CONCURRENCE

DATE

ENGINEERING

DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

Material sold by Salvage and Sales Group under the Plant Recovery Investment Program.
Material purchased by a New Jersey firm and removed from the Standish site.

33 METHOD OF DISPOSITION ACTION VERIFICATION

Visual inspection and removal witnessed by QAD

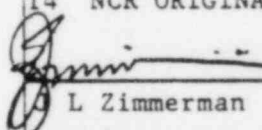
RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

34 NCR CLOSED BY


QAD DATEA.N.I. (ASME)
IF REQUIRED

DATE

QUALITY ASSURANCE DIVISION FORM QAD-1		15 NCR NO. <u>Q-00064</u>		17 REV <u>0</u>	
NONCONFORMANCE REPORT		16 DATE ISSUED <u>2/21/86</u>			
		18 PAGE <u>1</u> OF <u>2</u>			
1 ITEM LOCATION Standish Fabrication Shop					
2 DRAWING OR PART NO. AND REV. NA		3 PART NAME 3" dia. pipe		4 SERIAL NO. NA	
5 ITEM DESCRIPTION One (1) ea 3" diameter Sch 40, ASTM A-53-81a pipe heat no. L4022					
6 ITEM STARTUP SYSTEM NO. RID00		7 REFERENCE DOCUMENT PCQI-R-1.00-rev. 15 P.O. #7220-F-65363 (Q)		8 ASME A.N.I. REQUIRED NA	
9 INSPECTION PLAN REV Original BPCo R-1.00-20996 Log #258758		10 ACTION ORGANIZATION Quality Assurance Dept.			
11 ACTIVITY HOLD REQUIRED: YES <u>X</u> NO		ACTIVITY HOLD ORDER NO. NA			
12 REQUIREMENT PQCI R-1.00 rev. 15 Act. No. 3.7 states - Compare the quality verification documentation package to the material or equipment identification shown on tags, plates or markings to verify traceability. The certified material test report received shows the heat no. as - "L61062".					
13 NONCONFORMANCE Upon receipt inspection of the pipe received on AEO-20996 one (1) piece of pipe is marked with the heat no. as "L4022".					
14 NCR ORIGINATED BY  L Zimmerman DATE <u>2/20/86</u>					
19 HOLD TAG APPLIED YES <u>X</u> NO ITEMS SEGREGATED YES <u>X</u> NO		20 LOCATION OF HOLD TAGS OR SEGREGATED AREA NA			
21 NEED TO REVIEW FOR REPORTABILITY YES <u>X</u> NO		23 TREND CODE NA		24 NCR REVIEWED BY <u>J.L. Wood (jr)</u> DATE <u>2/21/86</u> <u>W.A. Datt for</u>	
22 DETERMINED TO BE REPORTABLE YES <u>X</u> NO		25 SECTION HEAD, ASSURANCE ENGINEERING			

NONE

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES☒ NO

28 RECOMMENDED DISPOSITION

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

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED

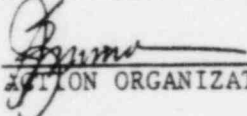
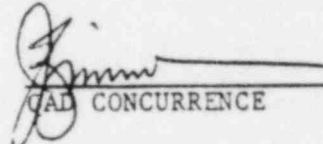
☐ YES☒ NO

CR NO:

30 ADDITIONAL INFORMATION

Refer to original MPQAD NCR C-04328 dated 6/2/84.

31 DISPOSITION CONCURRENCE

 2/20/86
ACTION ORGANIZATION DATE 2/20/86
QAD CONCURRENCE DATE

ENGINEERING DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

Material sold by Salvage and Sales Group under the Plant Recovery Investment program. Determined to be scrap by Site Engineering Group 12/17/84. Material purchased by New Jersey firm and removed from Standish site.


33 METHOD OF DISPOSITION ACTION VERIFICATION

Visual inspection and removal witnessed by QAD

RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE ☐ UNACCEPTABLE
IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

34 NCR CLOSED BY

 2/20/86
DATEA.N.I. (ASME) DATE
IF REQUIRED

QUALITY ASSURANCE DIVISION FORM QAD-1		15 NCR NO. Q-00065		17 REV 0	
NONCONFORMANCE REPORT		16 DATE ISSUED 2/24/86			
		18 PAGE 1 OF 2			
1 ITEM LOCATION Unit 2 Aux. Bldg. Elevation 584' and RB Elevation 593'					
2 DRAWING OR PART NO. AND REV. M-417 sh 1B & M-417 sh 2B		3 PART NAME NA		4 SERIAL NO. NA	
5 ITEM DESCRIPTION CCW Dehumidification					
6 ITEM STARTUP SYSTEM NO. NA		7 REFERENCE DOCUMENT W.O. 22500648		8 ASME A.N.I. REQUIRED NA	
9 INSPECTION PLAN REV W.O. 500648 0		10 ACTION ORGANIZATION O&M			
11 ACTIVITY HOLD REQUIRED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		ACTIVITY HOLD ORDER NO. NA			
12 REQUIREMENT Step 5 of Work Order states: "Establish flow path for dehumidification by following the flow paths on the attached P&IDs. All valves in the flow path should be open and all other valves should be shut."					
13 NONCONFORMANCE and 2VCCW007B Contrary to the requirements valves 2M01707B and 2M01748B were found to be shut blocking the flow path.					
14 NCR ORIGINATED BY E F Summers DATE 2/24/86					
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 TREND CODE 1		24 NCR REVIEWED BY J.L. Wood DATE 10A Noted for 2/24/86	
22 DETERMINED TO BE REPORTABLE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		25 SECTION HEAD, ASSURANCE ENGINEERING N/A			

The cause of the NCR was due to oversight by the operator when performing the lineup.

27 PROCESS CORRECTIVE ACTION REQUIRED

☐ YES☒ NO

28 RECOMMENDED DISPOSITION

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

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED

☐ YES☒ NO

CR NO:

30 ADDITIONAL INFORMATION

31 DISPOSITION CONCURRENCE

ACTION ORGANIZATION

DATE

NA

ENGINEERING

DATE

QAD CONCURRENCE

DATE

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

Valves opened by operator

33 METHOD OF DISPOSITION ACTION VERIFICATION

Visually witnessed valves as open

RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE☐ UNACCEPTABLEIF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

34 NCR CLOSED BY

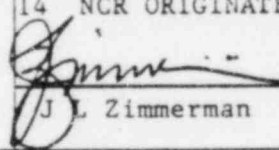
QAD

DATE

A.N.I. (ASME)

DATE

IF REQUIRED

QUALITY ASSURANCE DIVISION FORM QAD-1		15 NCR NO. <u>Q-00066</u>		17 REV <u>0</u>	
NONCONFORMANCE REPORT		16 DATE ISSUED <u>2/24/86</u>			
		18 PAGE <u>1</u> OF <u>2</u>			
1 ITEM LOCATION Warehouse #2					
2 DRAWING OR PART NO. AND REV. NA		3 PART NAME 3/4" Tubing		4 SERIAL NO. NA	
5 ITEM DESCRIPTION 1,229 LF (.52 pcs) tubing .75" O.D.-.065 wall, seamless cold drawn, condenser type ASME SA-179-Heat #E32184					
6 ITEM STARTUP SYSTEM NO. RIDGO		7 REFERENCE DOCUMENT P.O. F-63722 rev. 1		8 ASME A.N.I. REQUIRED NA	
9 INSPECTION PLAN REV BPCo Receipt Inspection Log # R-1 00-21203A 216906		10 ACTION ORGANIZATION QAD (Original-Supplier Hub Inc., Tucker, Ga.)			
11 ACTIVITY HOLD REQUIRED: ____ YES ____ <u>X</u> NO		ACTIVITY HOLD ORDER NO. NA			
12 REQUIREMENT ASME section II SA-450 para 22.1 states, "The name or brand of the manufacturer, the grade of the material from which the tube is made, and the specification number shall be legibly stenciled on each tube 1 1/4" and over in outside diameter, provided the length is not under 3'." Para 22.2 states, "For tube less than 1 1/4" in diameter and tube under 3' in length, the information specified in 22.1 shall be marked on a tag securely attached to the bundle or box in which the tubes are shipped."					
13 NONCONFORMANCE The subject pipe does not have a tag containing the required information. The required information is stenciled on the material, but is illegible, with the exception of one (1) piece.					
		14 NCR ORIGINATED BY  J.L. Zimmerman DATE <u>2/24/86</u>			
19 HOLD TAG APPLIED ____ YES ____ <u>X</u> NO ITEMS SEGREGATED ____ YES ____ <u>X</u> NO		20 LOCATION OF HOLD TAGS OR SEGREGATED AREA NA			
21 NEED TO REVIEW FOR REPORTABILITY ____ YES ____ <u>X</u> NO		23 TREND CODE NA		24 NCR REVIEWED BY <u>J.L. Woodson</u> DATE <u>2/24/86</u>	
22 DETERMINED TO BE REPORTABLE ____ YES ____ NO		25 SECTION HEAD, ASSURANCE ENGINEERING N/A			

NA

27 PROCESS CORRECTIVE ACTION REQUIRED ☐ YES ☒ NO

28 RECOMMENDED DISPOSITION

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

*REQUIRES TECHNICAL JUSTIFICATION ATTACHED

29 CONDITIONAL RELEASE NEEDED ☐ YES ☒ NO CR NO:

30 ADDITIONAL INFORMATION

Refer to original NCR C-01663 dated 3/16/84, for required disposition - "Attach a tag with info on bundle"

Grade 1010 MR #BM-8034 rev 1

MFG - Teledyne Columbia-Summerill-Carnegie
Heat #E32184

31 DISPOSITION CONCURRENCE

ACTION ORGANIZATION

DATE

2/24/86

QAD CONCURRENCE

DATE

2/24/86

ENGINEERING

DATE

2/24/86

A.N.I. (ASME) IF REQUIRED

32 DISPOSITION ACTION TAKEN

Placed tag on bundle with required information 2/24/86

33 METHOD OF DISPOSITION ACTION VERIFICATION

Witnessed tag placed on bundle by QAD Verification

RESULTS OF DISPOSITION ACTION VERIFICATION

☒ ACCEPTABLE ☐ UNACCEPTABLE
IF UNACCEPTABLE, REFERENCE SUPERSEDING NCR
NUMBER _____

34 NCR CLOSED BY

A.N.I. (ASME)
IF REQUIRED

DATE

2/24/86