

DmB

PRINCIPAL STAFF			
✓ CA	✓	✓ DPPP	✓ +3
D/RA		DE	
A/RA		DRMSP	
RC		DRMA	
PAO		SCS	
SGA		ML	
ENF		File	✓

DOCUMENTATION TRANSMITTAL

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

Transmittal No: CIO-0052
Date: May 18, 1984

Attention: Ken Butler

The documentation listed below is provided herewith, X was previously provided on 5-17-84 ; as requested by Ken Butler .

Documentation Description: Nonconformance Report - 5063-HV

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

Janna Kinn
Signature

8405300356 840518
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)
- JGKepler, NRC Region III (w/a, unless voluminous)
- BHPeck, SMO (w/o)
- NIRichel, SMO (w/o)
- RAWells, MPQAD (w/o)
- CMThompson - File 24.2 (w/a, unless voluminous)

MI0384-0001A-QL06

MAY 24 1984

LE01
41



NONCONFORMANCE REPORT

SJU ZAPA

1. PROJECT NAME Midland Nuclear Plant Units 1 and 2		JOB NO. - 7220		19. NO. 5063	20. PAGE 1 OF 8
2. UNIT(S) Z	3. DRAWING/PART NO. 2-634-4-2	REV Sub Rev 3	4. ITEM DESCRIPTION Spring Can Assembly (See Block 10)	5. ITEM LOCATION Aux Bldg E1594'10"	
6. P.O. OR SPEC NO. NA	7. SERIAL NO. NA	8. REPLACEMENT PART P/N NA REV NA SER NO. NA	9. SOURCE Const	10. CONTRACTOR/SUPPLIER NA	
11. INSPECTION CRITERIA () DWG (X) SPEC () OTHER		12. ASME AUTHORIZED INSPECTION REQ'D () YES (X) NO	13. SKETCH ATTACHED (X) YES () NO	14. Discovered During () Rec'g () Const (X) Test	15. Equip Furnished By () Client () Eng (X) FLD
16. NONCONFORMING CONDITION: Sheet 2 of 2 Detail B Item #5 calls for a 3/4" x 8" x 8" C.S Plate a 3/4" x 10" x 10" Plate is installed. Currently no criteria for material damage exists in PQCI P230 P. 5. The plate on Item #1 has been deformed on the South West Side and an indentation exists on the lower outside flange of Item #2 approximately 1/2" East of where Item #3 attaches to Item #2. PQCI P-2.30 Activity 3.1 E and 3.1.E 3 states in part: "Undercut			24. DISPOSITION CONCURRENCE rework reject repair use as is 3/2 E. Russell 9/7/83 PROJECT FIELD ENGINEER DATE E. Hughes 8/31/83 PROJECT ENGINEER DATE PROJ CONSTR QC ENGINEER DATE AUTHORIZED INSPECTOR DATE		
17. REPORTED BY Sam Maurin	DATE 4/22/83	18. VALIDATED BY [Signature]	DATE 4/23/83	25. DISPOSITION RESULTS	
21. ROUTING: () TO FIELD ENGINEERING () TO OTHERS (SPECIFY)					
22. () Field Engineering Disposition (X) Field Engineering Recommended Disposition to Project Engineering					
NUMBER 1 : DRAWING TO BE REWORKED PER PCNM-10761 (continued p. 5)					
23. PROJECT ENGINEERING DISPOSITION ITEM #2 - PROJECT ENGINEERING CONCURS WITH THE FIELD ENGINEERING RECOMMENDED DISPOSITION TO 'USE AS IS'. WHERE AS INDENTATION DOES NOT EFFECT THE INTEGRITY OF THE SUPPORT OR VIOLATE GRINNELL QA/QC PROCEDURE OZAD01. NO IMPACT ON CALCULATION OR QUAL TEST. NO DRAWING REVISION REQUIRED. ITEM #2 #1 - PROJECT ENGINEERING CONCURS WITH THE FIELD ENGINEERING RECOMMENDED DISPOSITION TO 'USE AS IS'. WHERE AS PCNM-10761 HAS BEEN DISPOSITIONED APPROVED (7-23-83), AND (P2/4)					
26. QC ACCEPTANCE QC ENGINEER DATE AUTHORIZED INSPECTOR DATE					

4/28

4/22/83

MSD

PCNM-10761

NONCONFORMANCE REPORT (CONT'D)

shall not exceed 1/2") " No undersize condition is acceptable for width or length " contrary to the above an undersized fillet and undercut > 1/32" exists on the weld for Items # 4 to 3, the ends of the welds for Items # 3 to # 2 are undersized, the east side of the weld for the struction to the pipe clamp on Item # 1 is undersized.

PACI P.2.30 states in part: "locking devices... all threaded connections, except high-strength bolts shall be secured by one of the following methods: Jam nut with hex nut, two jam nuts, pin or cotter, tack weld, C-clip, standard staking method for thread locking. Contrary to the above 4 grouted anchor bolts on this support are not secured by any of the methods stated above.

C-305 8/6 Para. 4.17 states in part: "When expansion anchors... are located... near a grouted anchor the minimum center to center spacing shall be the sum of the minimum edge distances of both anchors..." Contrary to the above a 1/2" abandoned expansion anchor is installed with all threads intact 5" from the upper right 5/8" grouted anchor and 5 3/4" from the upper ~~right~~ ^{left} 5/8" grouted anchor - the required center to center is 6 3/4".

NCR-2409 was written against anchors (expansion type) on 2-634-4-2 - the disposition requires that the expansion anchors be removed and grouted anchors to be installed. Condition a hole is required 3 1/2" to the right of the upper right grouted bolt, the lower right bolt also has two repaired holes one 2 1/2" to the right and 3 1/2" below. The edge distance requirement is 3 3/4" for a 5/8" anchor. No documentation exists for the repaired holes.

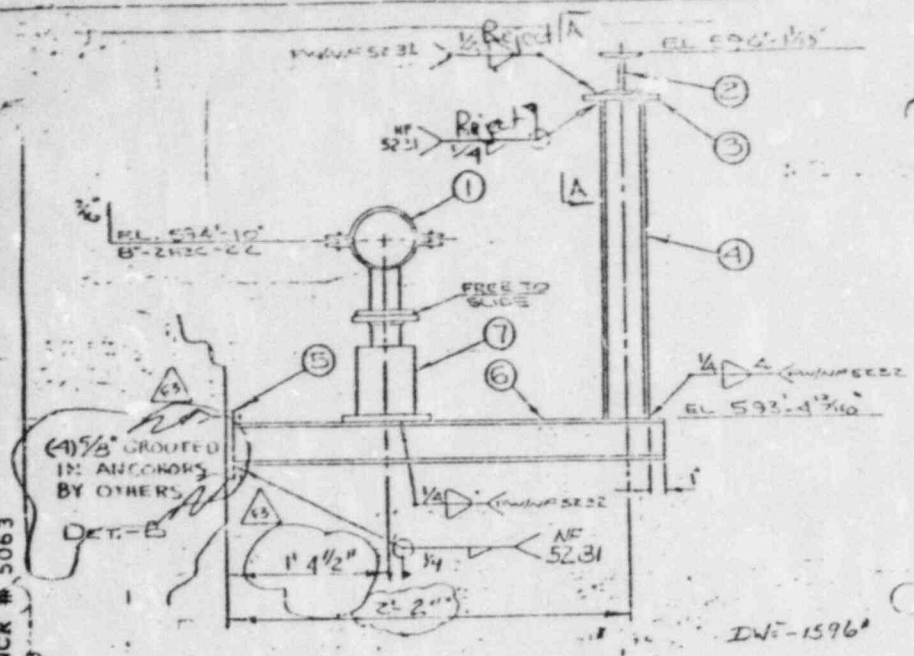
Block 23 CONTINUED

REFLECTS THE DESCRIBED CONDITION IN BLOCK 16. NO IMPACT ON QUA TEST OR CALCULATION DRAWING SHALL BE REVISED ^{IN ACCORDANCE WITH} PER PROJECT ENGINEERING PROCEDURE 4-62.1.

ITEM #6 - PROJECT ENGINEERING DOES NOT CONCUR WITH THE FIELD ENGINEERING DISPOSITION TO 'USE AS IS'. FIELD ENGINEERING TO REWORK AND PROVIDE DOCUMENTATION FOR THE REPAIRED HOLES IN ACCORDANCE WITH SPEC 7220-C-305 (Q) PARA. B.2.2. NO IMPACT ON CALCULATION OR QUA TEST. NO DRAWING REVISION REQUIRED. ^{REV 8/10/13} WATER 6/26/13

1 Hold Tag Applied ^{REV 8/10/13} FOR R.C. HOLLAN, 8/10/13 Q-List # 4.391

Page 3 of 5 NCR # 5063
6-12-0



PIPE ISO.	H6345H(A)-C
DATA POINT	-152-
PIPE M.T.L.	SK-106GR.B
INSUL.	2" AREA 3

- NOTES
- 1) All tolerances in accordance with CCP 215001 H.E.O.
 - 2) E.O. Procedure 11-101-10
 - 3) All products used in accordance with M.L. File No. 1 Rev. 1

STUD TORQUE
MIN.: 9 FV - 85
MAX.: 17 FV - 85

REV	DATE	BY	CHKD	DESCR
5	11-27-75	...	...	...

ITT GRINNELL
PIPE HANGER DIVISION

REF. DRAWING NUMBERS
H6345H(A)-C

REV. DATE BY CHKD DESCRIPTION

0	11-27-75	...	...	...
1	11-27-75	...	...	...
2	11-27-75	...	...	...
3	11-27-75	...	...	...
4	11-27-75	...	...	...

CODE CLASS: III-3

ITEM NO.	MATERIALS & OPERATIONS	QUAN	SHIP	...	...	...	...
1	PIPE SUPPORT CONSIST OF: AS BUILT 11/23/75 3 5/8" O.D. pipe clamp assembly/SK. 2-634-4-21, Spacer 2 of 2, T.W.=300	ONE					
2	4" H-Beam @ 13 1/2 ft., 11-4" long T.W.=1470 (SA-106)	1					
3	1/2"x6" carbon steel (SA-36 or SA-515 GR. 65) Plate 0'-0" long, T.W.=50, WELD center & weld to Item 24	1					
4	4" H-Beam @ 13 1/2 ft., 2'-1 13/16" long T.W.=1000 (SA-106)	1					
5	Plate/Detail-8, T.W.=95 (SA-36 or SA-515 GR. 65)	1					
6	4" H-Beam @ 13 1/2 ft., 2'-4" long, T.W.=1000 T.W.=1000 (SA-106)	1					
7	all "P" Pts. 82, Hot load, 1000 lbs Cold load=1700 w/ travel stops & load 11/23/75	1	2-1562				
MATERIAL TO BE PAINTED IN ACCORDANCE WITH STANDARD SPECIFICATION FOR PAINT (EXCEPT SLIDING SURFACE)							
Approved By: [Signature]							
Date: 11-2-75							

FOR MATERIALS AND OPERATIONS SEE SKETCH NO. [Blank] SHEET OF [Blank]

CONDITIONS	Fx	Fy	Fz	Hx	Hy	Hx
DESIGN						
INSTALL						
EMERGENCY						
AS BUILT						

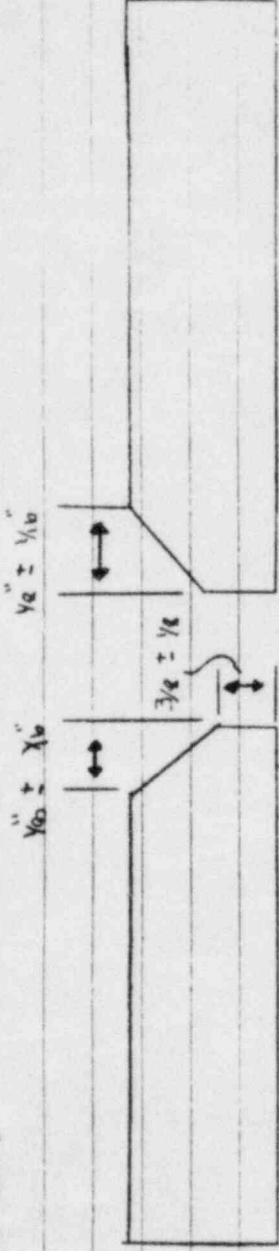
CUSTOMER ORDER NO. [Blank]
ORDER OR CONTACT P.O. [Blank]
JOB NAME: [Blank]
SPEC: B-21180-22-12
2-634-4-2
SHEET 1 OF 2



(Block 22 Continued:)

Number 2 -

Plate of Item 1



Looking East

Looking North

Full contact is maintained between the plate of Item 1 and the spring.

The identification of Item 2 measures ($3/2$ " x $3/12$ " x $3/4$ " deep) \pm $1/32$ for the measurements.

Field engineering recommends Use Co do for items 1 & 2.

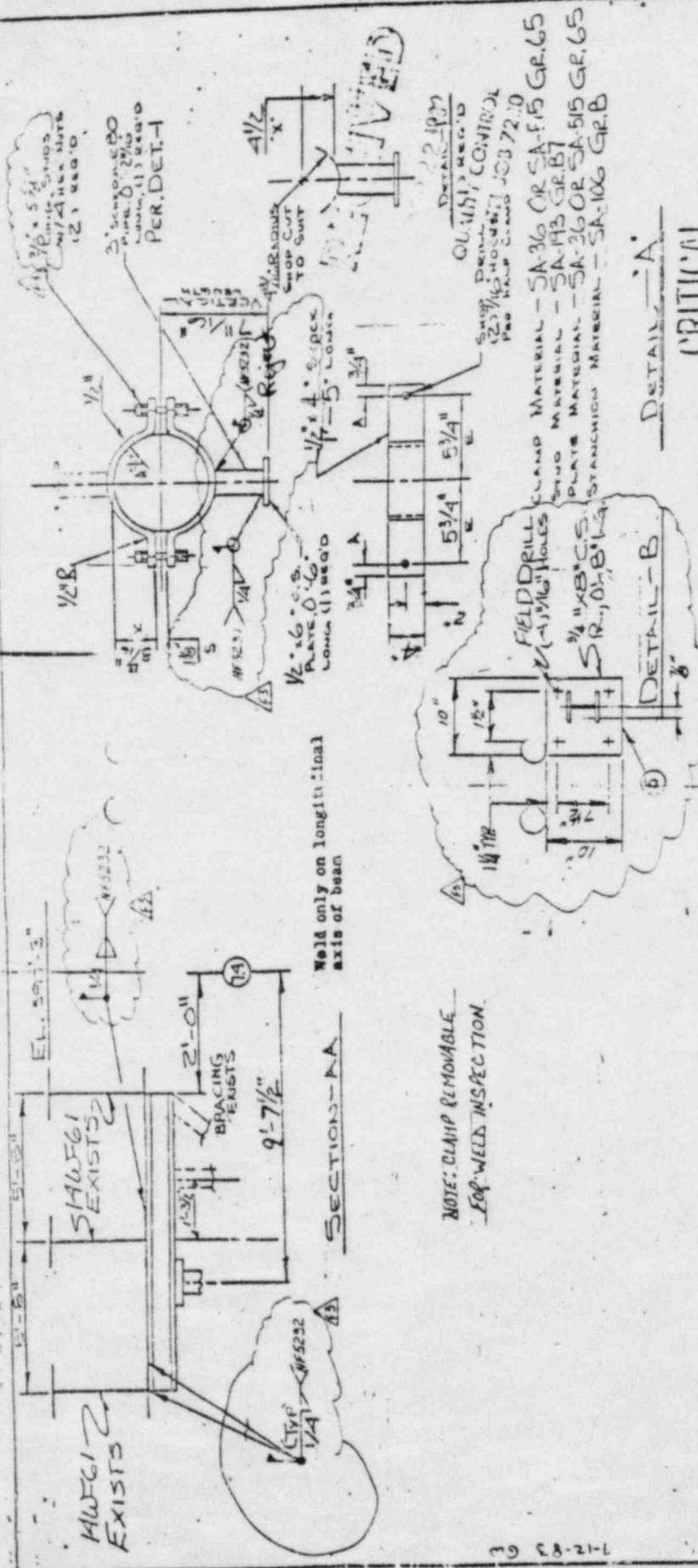
Number 3 - Reweld the welds from items 4 to 3 and from items 3 to 2, ~~the weld from the attachment to the pipe clamp is not a full-strength condition. The amount of weld agrees with the drawing.~~

Number 4 - Reweld, grouted anchor bolts to be secured with double nuts.

Number 5 - Reweld, Abandoned anchor to be removed and replaced with grout in accordance with specification 7220-E-305.

Number 6 - Field Engineering recommends to Use Co do.

W.F. Oehl 7/2/63



HEX NUT MPT L - SA307 GRB

Approved By: PS
 Date: 12-2-75

ITT GRINNELL
 PIPE HANGER DIVISION

REF DRAWING NUMBERS

PIPE: _____ ELECT: _____
 STEEL: _____ HVAC: _____

REV	DATE	BY	CHK	DESCRIPTION
0	12-2-75	PS	PS	ISSUED FOR CONSTRUCTION
1	12-2-75	PS	PS	ISSUED FOR CONSTRUCTION
2	12-2-75	PS	PS	ISSUED FOR CONSTRUCTION
3	12-2-75	PS	PS	ISSUED FOR CONSTRUCTION
4	12-2-75	PS	PS	ISSUED FOR CONSTRUCTION

CUSTOMER: CONSTRUCTION CO.
 ORDER OR CONTRACT NO. P.O. 77-20-E-105-AC
 JOB NAME: HUBBARD 1 & 2 BR. VENT.
 DRAWING NO. _____
 SKETCH NO. 7-634-4-2

THIRD PARTY CHECKED BY: _____
 CHECK CLASS: _____

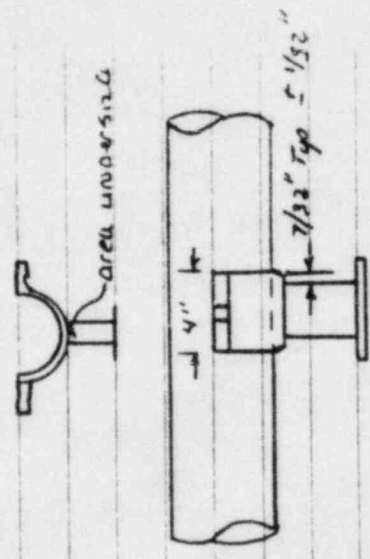
1-12-83 GE



NONCONFORMANCE REPORT (CONT'D)

BUILD 22 (cont)
Revised Disposition

ITEM 3 (Weld joining stanchions to pipe clamp) USA AS 15 - Existing weld size meets $\frac{3}{16}$ " fillet requirement but less than $\frac{1}{4}$ " fillet size called for on DWG 2-634-4-2 AWS sub 5/F3 and 2 of 2. Existing field condition will not allow any more filler metal. The outside edge of clamp is slightly rolled inward not allowing DWG. required weld size. See below note: Rolling caused by binding of plate for clamp R/R 2/25/84



Looking South

ITEM 5 Remark - Abandoned anchors shall be removed. Holds shall be removed in accordance with Spec C-231.

ITEM 6 Remark - Removed Grout from existing retained holes and repair in accordance with C-231. Quality Control to provide Quality Documentation.

2/26/84 Reg 2/26/84

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE
AUTHORIZED INSPECTOR			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE
AUTHORIZED INSPECTOR			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE
AUTHORIZED INSPECTOR			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE
AUTHORIZED INSPECTOR			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE
AUTHORIZED INSPECTOR			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE
AUTHORIZED INSPECTOR			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE
AUTHORIZED INSPECTOR			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE
AUTHORIZED INSPECTOR			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE
AUTHORIZED INSPECTOR			
			DATE

24. Disposition Concurrence Item

REWORK	REJECT	REPAIR	USE AS IS
PROJECT FIELD ENGINEER			
			DATE
PROJECT ENGINEER			
			DATE
PROJECT CONSTR OC ENGINEER			
			DATE