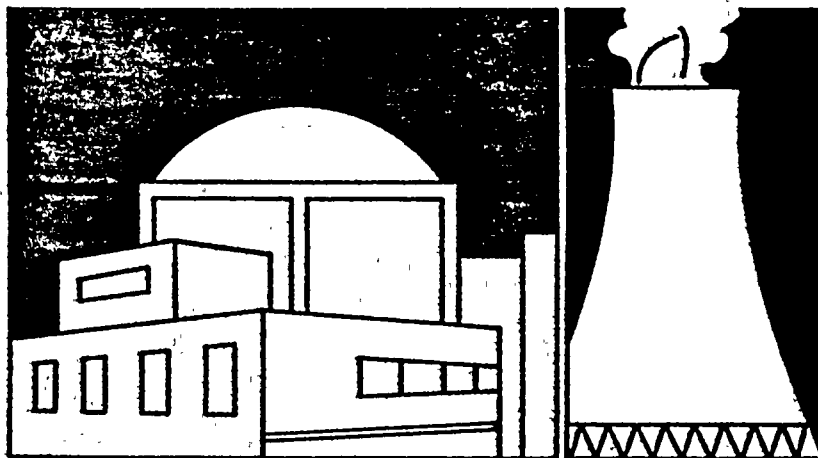


# **NM NIAGARA MOHAWK**

**NIAGARA MOHAWK POWER CORPORATION  
NINE MILE POINT UNIT 2**

## **FIRST TEN YEAR INSERVICE INSPECTION PROGRAM PLAN**

### **ISOMETRIC DRAWINGS**

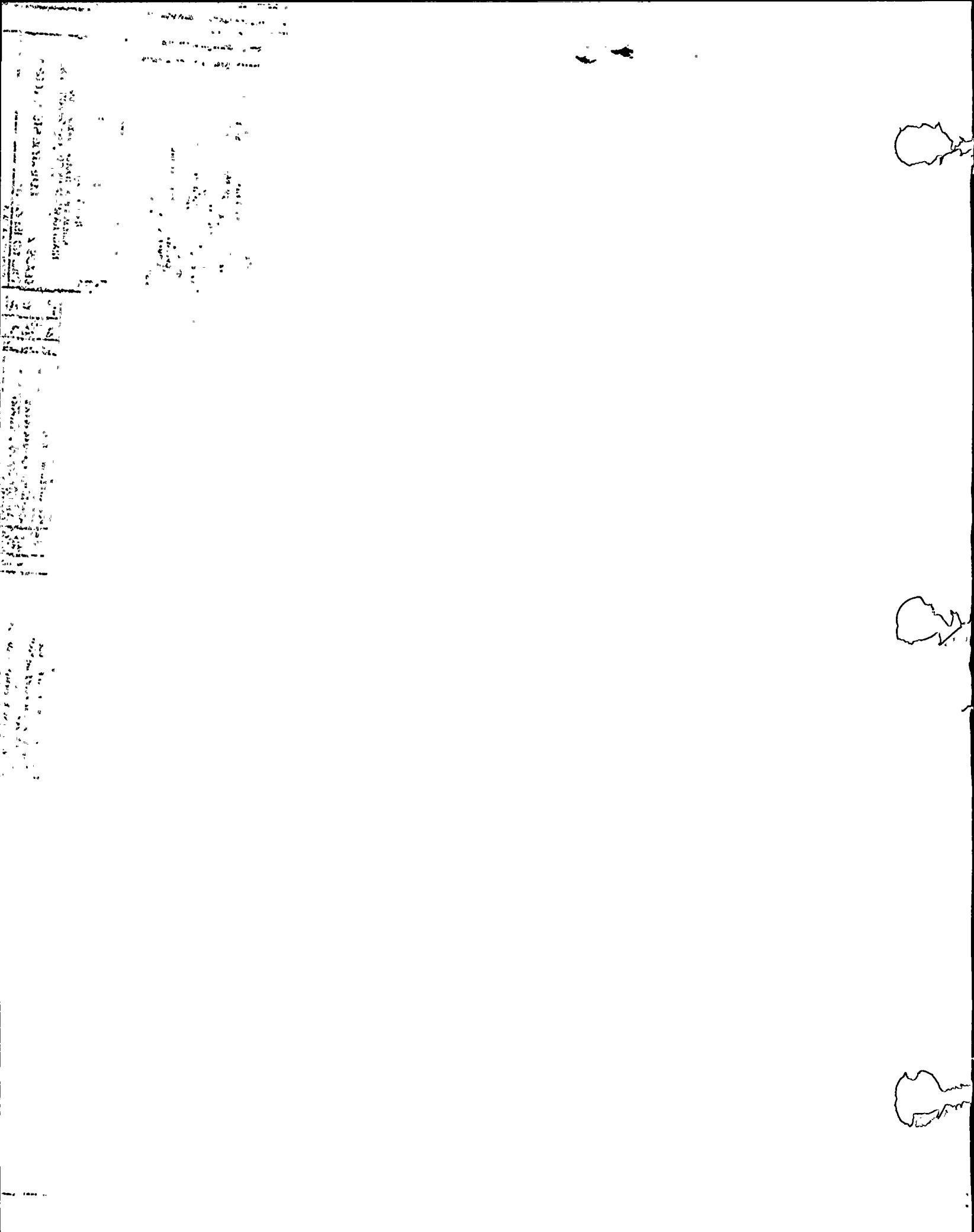


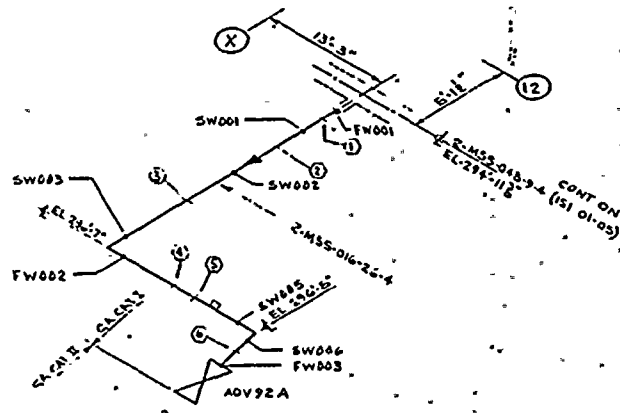
B70B050037 B70730  
PDR ADDCK 05000410  
Q PDR



**Gilbert/Commonwealth**

ENGINEERS/CONSULTANTS Reading, PA





NO	PIPE SUPPORT	EZ NO.
1	2-MSS-016-24-4	22-240
2	2-MSS-016-24-4	17-240
3	2-MSS-016-24-4	22-240
4	2-MSS-016-24-4	22-240
5	2-MSS-016-24-4	22-240
6	2-MSS-016-24-4	22-240
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 01-03-MSS  
 4 ALL SUPPORTS PRECEDED BY 2-MSS

**REFERENCES:**  
 ITT CRINNELL INDUSTRIAL PIPING  
 ISOMETRIC 01-3-P  
 ASME CONTROL DWG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-MSS-A

NO	DATE	REVISION	BY	CHKD	APPR
2	7/21/85	REVISED PER MF-CR-31	LS	LS	LS
1	7/1/85	REVISED PER PSI PLAN UPDATE	LS	LS	LS
0	7/1/85	SWEC RELEASED FOR PRESERVICE INSPECTION	LS	LS	LS

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

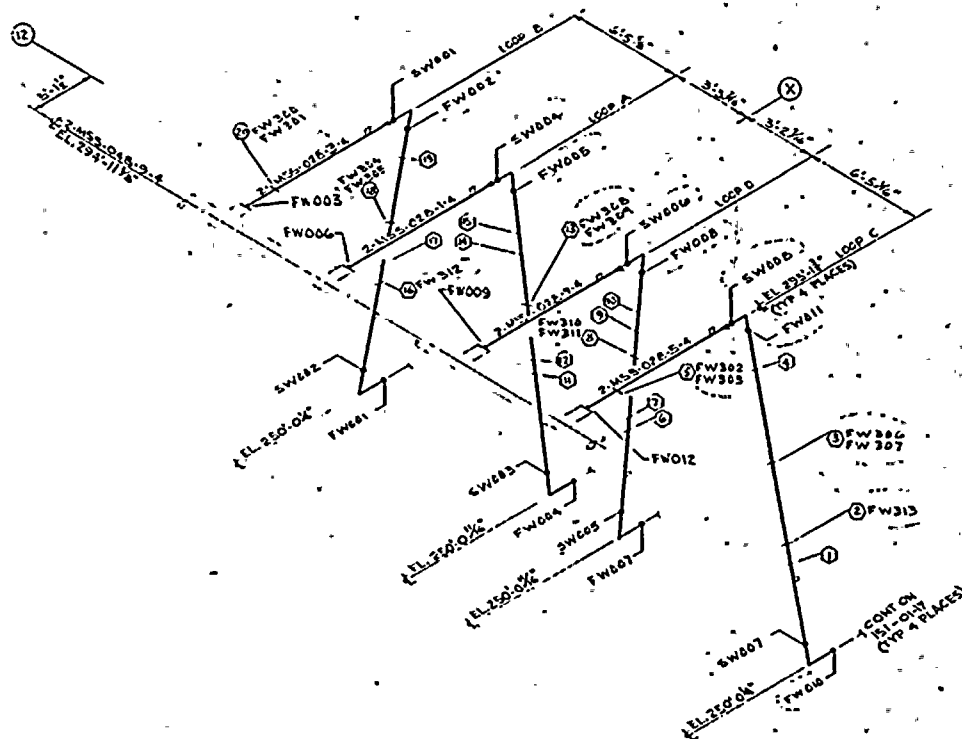
CLASS 2 REHEATING STEAM LOOP A  
 DWG NO ISI-01-03

DRAWN BY J.P. PULLI  
 CHKD BY J. DEWITT

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NO	PIPE SUPPORT	BZ NO.
1	2WS5 PSM CALAN	BZ-2 AL
2	PSSP 063AA	AL
3	PSSM 209AA	CL
4	PSSP 223AA	CM
5	PSSM075AA	BS
6	PSSP044AA	AP
7	PSSP063AA	AP
8	PSSM210AA	CE
9	PSSP 219AA	CM
10	PSSP 212AA	CM
11	PSSP011AA	AM
12	PSSP011AA	AM
13	PSSM211AA	CE
14	PSSP 218AA	CE
15	PSSP 230AA	CP
16	PSSP059AA	AL
17	PSSP060AA	AL
18	PSSM210AA	CE
19	PSSP 224AA	CL
20	PSM044AA	AT
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**LEGEND**

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

**NOTES:**

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 01-04-MSS
4. ALL SUPPORTS PRECEDED BY 2MSS

**REFERENCES:**

- ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-4-L
- ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS.X

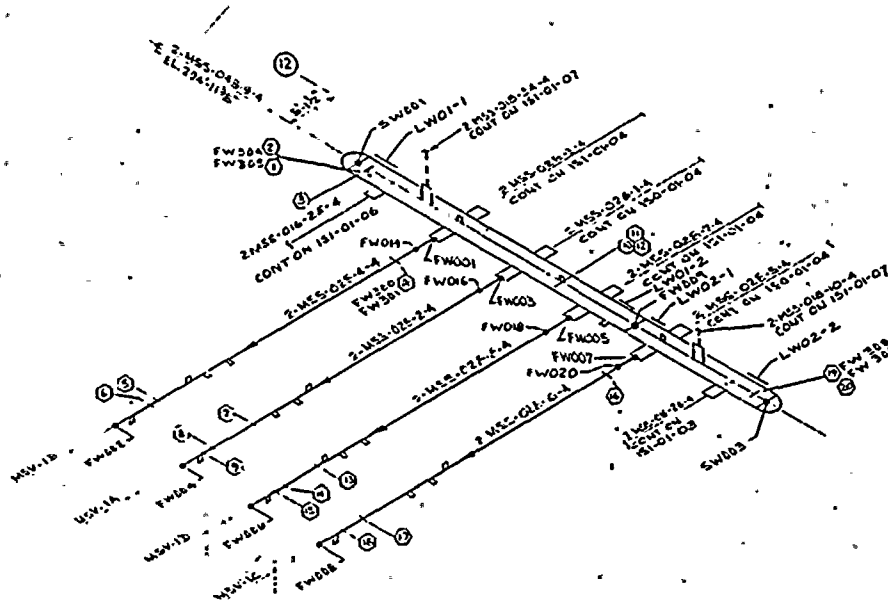
NO	DATE	REVISION	BY	CHKD	APPR
1	7/1/85	REVISED PER PSI PLAN UPDATE	LSH		
0	7/1/85	SWEC RELEASED FOR PRESERVICE INSPECTION	LSH		

**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 2**      **MSS LOOP A,B,C,D**  
**DWG NO ISI-01-04**

DRAWN BY J.J. PULLI  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	ST NO.
1	2 MSS-016-2-A	27-2A
2	2 MSS-016-2-F-4	27-2A
3	2 MSS-016-2-G-1	27-2A
4	2 MSS-016-2-H-4	27-2A
5	2 MSS-016-2-I-4	27-2A
6	2 MSS-016-2-J-4	27-2A
7	2 MSS-016-2-K-4	27-2A
8	2 MSS-016-2-L-4	27-2A
9	2 MSS-016-2-M-4	27-2A
10	2 MSS-016-2-N-4	27-2A
11	2 MSS-016-2-O-4	27-2A
12	2 MSS-016-2-P-4	27-2A
13	2 MSS-016-2-Q-4	27-2A
14	2 MSS-016-2-R-4	27-2A
15	2 MSS-016-2-S-4	27-2A
16	2 MSS-016-2-T-4	27-2A
17	2 MSS-016-2-U-4	27-2A
18	2 MSS-016-2-V-4	27-2A
19	2 MSS-016-2-W-4	27-2A
20	2 MSS-016-2-X-4	27-2A
21	2 MSS-016-2-Y-4	27-2A
22	2 MSS-016-2-Z-4	27-2A
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ○ INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY C1-05-155  
 4 ALL SUPPORTS PRECEDED BY 2 MSS

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-5-11  
 ASME CONTROL Dwg 11/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2 MSS

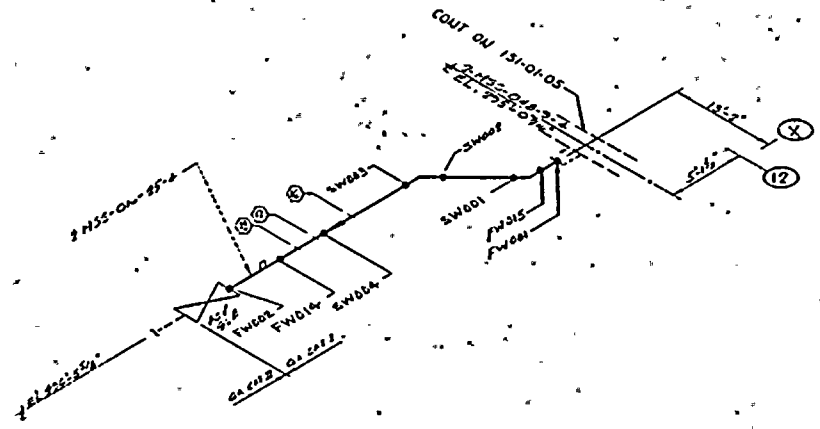
NO.	DATE	REVISION	BY	CHKD	APPR
2	1/14/64	REVISED PER CH106, 2321 242 ALSO 1WF-CR-31	CH		COY
1	7/11/55	REVISED PER PSI PLAN UPDATE	LA	JA	TR
0	7/15/55	SWEC RELEASED FOR PRESERVICE INSPECTION	L	JA	JDA

**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION  
**CLASS 2 - 155 LOOP A,B,C,D**  
**DWG NO ISI D1-05**  
 DRAWN BY J.J. FULLAN  
 CHKD BY J. DAVID

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NO	PIPE SUPPORT	62 NO
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NUPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 01-06-MSS  
 4. ALL SUPPORTS PRECEDED BY 2-MES

**REFERENCES:**  
 III GRINNELL INDUSTRIAL PIPING  
 ISOMETRIC 01-G-T  
 ASME CONTROL DAG N/A

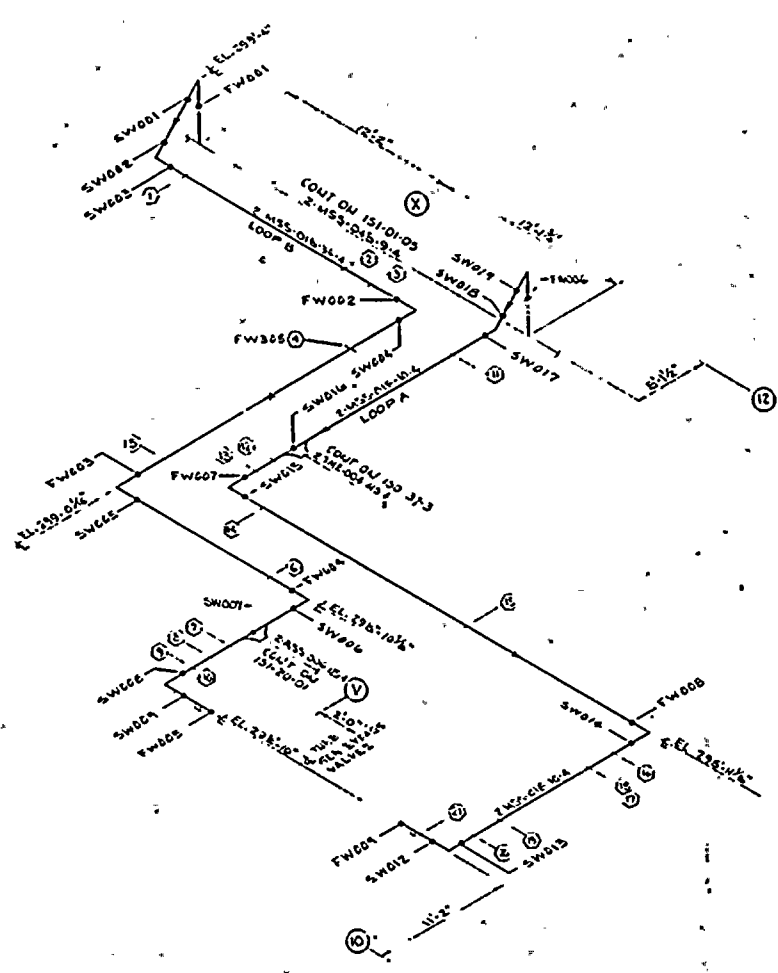
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2MSS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/88	REVISED PER MW-CR-32			
1	4/13/85	REVISED PER PSI PLAN UPDATE			
0	7/14/84	SWIC RELEASED FOR PRESERVICE INSPECTION			

**IMP2**  
**WELD & COMPONENT IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION  
**CLASS 2 REHEATING STEAM LOOP B**  
**DWG NO ISI-01-06**  
 DRAWN BY G.P. GROSS  
 CHKD BY J.S. WOOD

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NO	PIPE SUPPORT	EZ NO
1	WELD PSI 1034A	ET-1EB
2	PSV 1441	EM
3	PSV 142	EM
4	PSV 154	EM
5	PSV 104	EM
6	PSV 156	EM
7	PSV 144	EM
8	PSV 107	EM
9	PSV 147	EM
10	PSV 144	EM
11	PSV 101	EM
12	PSV 142	EM
13	PSV 142	EM
14	PSV 149	EM
15	PSV 142	EM
16	PSV 142	EM
17	PSV 142	EM
18	PSV 142	EM
19	PSV 142	EM
20	PSV 142	EM
21	PSV 142	EM
22	PSV 142	EM
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35	PSV 142	EM
36	PSV 142	EM

**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 01-07-MES  
 4 ALL SUPPORTS PRECEDED BY 2.M.S.S.

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING  
 ISOMETRK 01-7-11  
 ASME CONTROL DAG 11/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY.  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2.M.S.S.

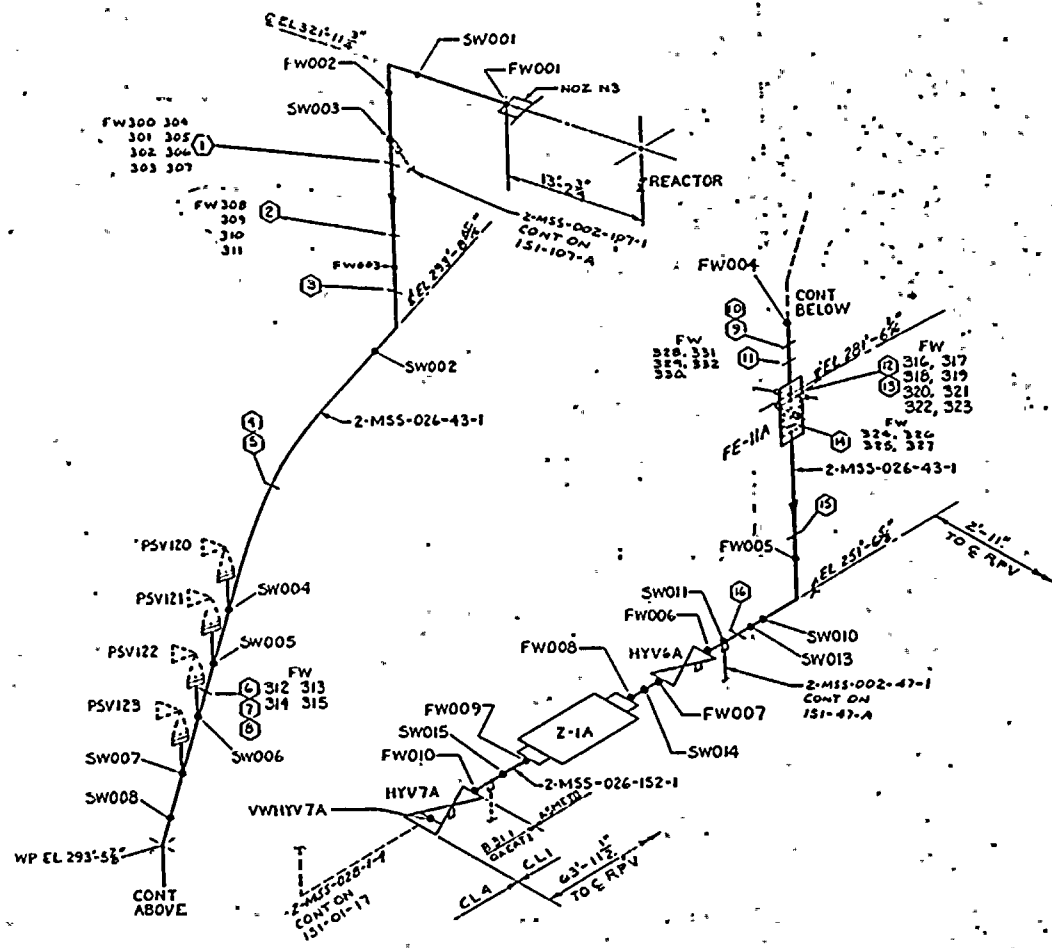
NO	DATE	REVISION	BY	CHKD	APPR
1	7/3/85	REVISED PER PSI PLAN UPDATE	24	SLF	24
0	7/1/85	SWEC RELEASED FOR PRESERVICE INSPECTION	24	34	24

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 2 TURBINE BYPASS LOOP A,B**  
 DW8 NO ISI-01-07

DRAWN BY J.J. PULLI  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BZ NO
1	2MSS-PSR332A1	BT-2 DS
2	PSR1158	DS
3	PSR1159	DS
4	PSR1160	DR
5	PSR1161	DR
6	PSR1162	DQ
7	PSR1163	DQ
8	PSR1164	DQ
9	PSR1165	DP
10	PSR1166	DP
11	N/A	DR-41FLD
12	2MSS-PSR3425	BT-2 E.E.
13	PSR3426	E.E.
14	PSR3427	E.E.
15	PSR3428	E.E.
16	2MSS-PSR3441	EM
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**LEGEND**

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

**NOTES:**

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY 01-13-MSS
- 4 ALL SUPPORTS PRECEDED BY 2MSS

**REFERENCES:**

- 1TT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-13-S
- ASME CONTROL D-6 N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE - EQUIPMENT NUMBERS PRECEDED BY 2MSS

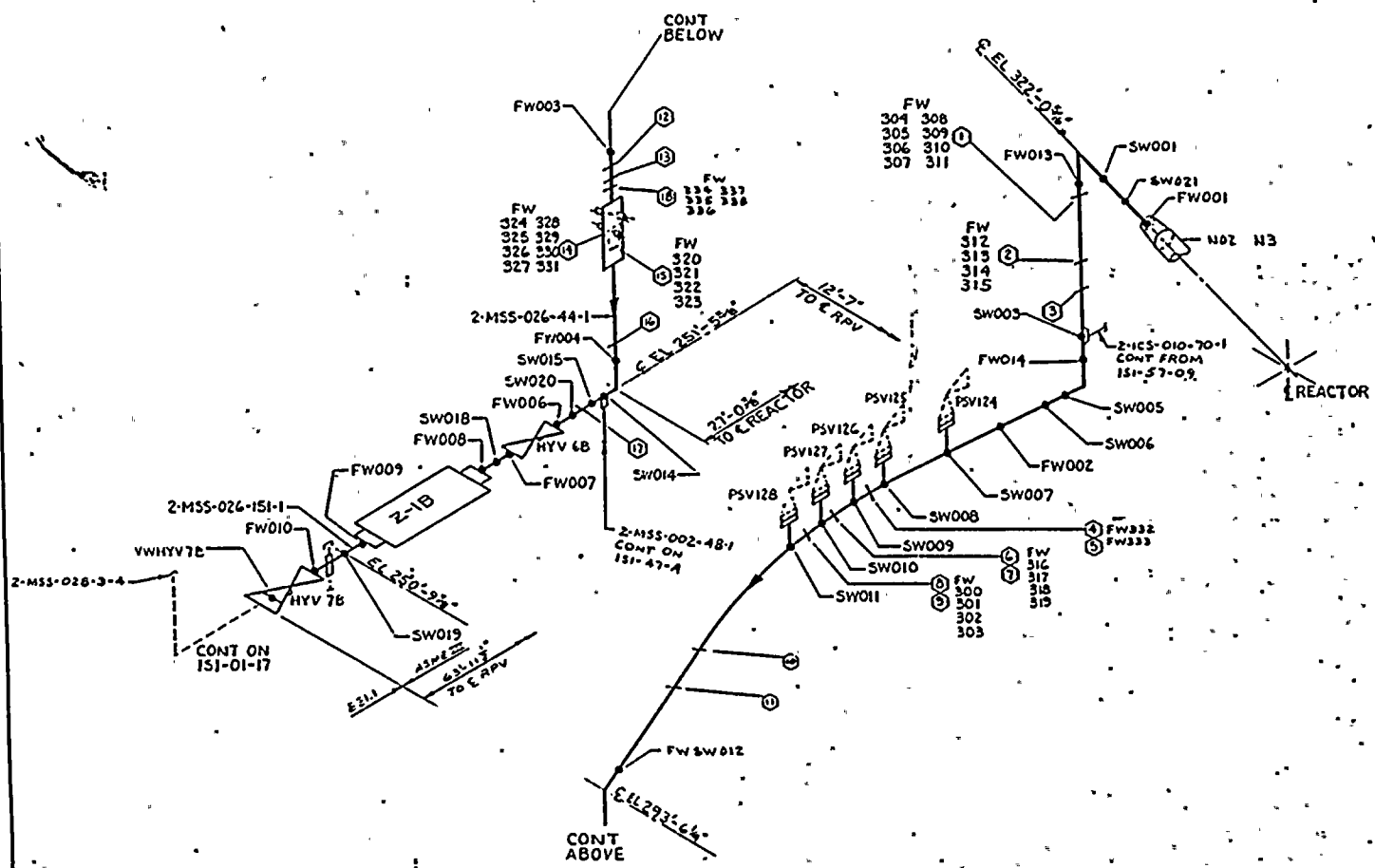
NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/82	REVISED PER CR101, CR121 ALSO IWF-CR-32 ALSO ISO 1-13-S			
1	9/1/81	REVISED PER PSI PLAN UPDATE			
0	1/1/80	SWEE RELEASED FOR PRESERVICE INSPECTION			

**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 1 MSS LOOP A**  
**DWG NO ISI-01-13**

DRAWN BY L.H. STANG  
 CHKD BY J. DAVY





NO	PIPE SUPPORT	62 NO.
1	2-M55-026-02A	BI-2 DT
2	PSV-021	DU
3	PSV-020	DW
4	PSV-041	DX
5	PSV-072	DX
6	PSV-053	OY
7	PSV-042	OY
8	PSV-043	OZ
9	PSV-054	OZ
10	PSV-040	EA
11	PSV-045	EB
12	PSV-055	EF
13	PSV-046	EC
14	PSV-082	DV
15	PSV-047	ED
16	PSV-043 T	EM
17	PSV-022	FP
18	N/A	DT-24218
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 01-M-MSS  
 4. ALL SUPPORTS PRECEDED BY 2M55

**REFERENCES:**  
 ITT CRINNELL INDUSTRIAL PIPING  
 ISOMETRK 01-44-47  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2M55

NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/82	REVISED PER CR101 & CR149	S	ar	ar
1	7/1/82	REVISED PER PSI PLAN UPDATE	de	SH	ar
0	7/1/82	SWIC RELEASED FOR PRESERVICE INSPECTION	ar	GH	ar

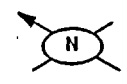
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS I M55 LOOP B  
 DWG NO ISI-01-14

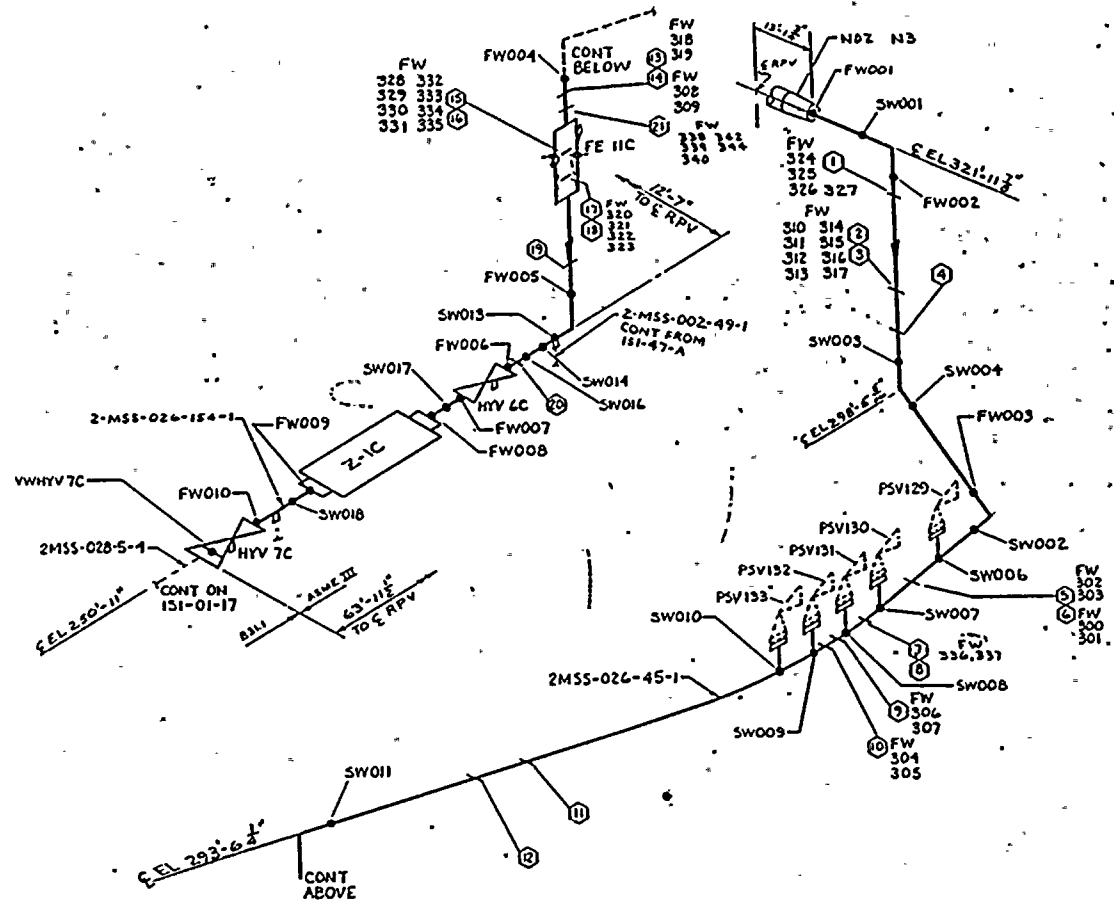
DRAWN BY L.H. STANG  
 CHKD BY J. DAVID







NO	PIPE SUPPORT	BZ NO.
1	PSW004	A
2	PSW004	A
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4	PSW004	A
5	PSW004	A
6	PSW004	A
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8	PSW004	A
9	PSW004	A
10	PSW004	A
11	PSW004	A
12	PSW004	A
13	PSW004	A
14	PSW004	A
15	PSW004	A
16	PSW004	A
17	PSW004	A
18	PSW004	A
19	PSW004	A
20	PSW004	A
21	N/A	BZ-424MC
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 01-15-MSS  
 4 ALL SUPPORTS PRECEDED BY 2MSS

**REFERENCES:**  
 1 ITT GRINNELL INDUSTRIAL PIPING ISOMETRK 01-15-S  
 ASME CONTROL D4G N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES \* EQUIPMENT NUMBERS PRECEDED BY 2MSS \*

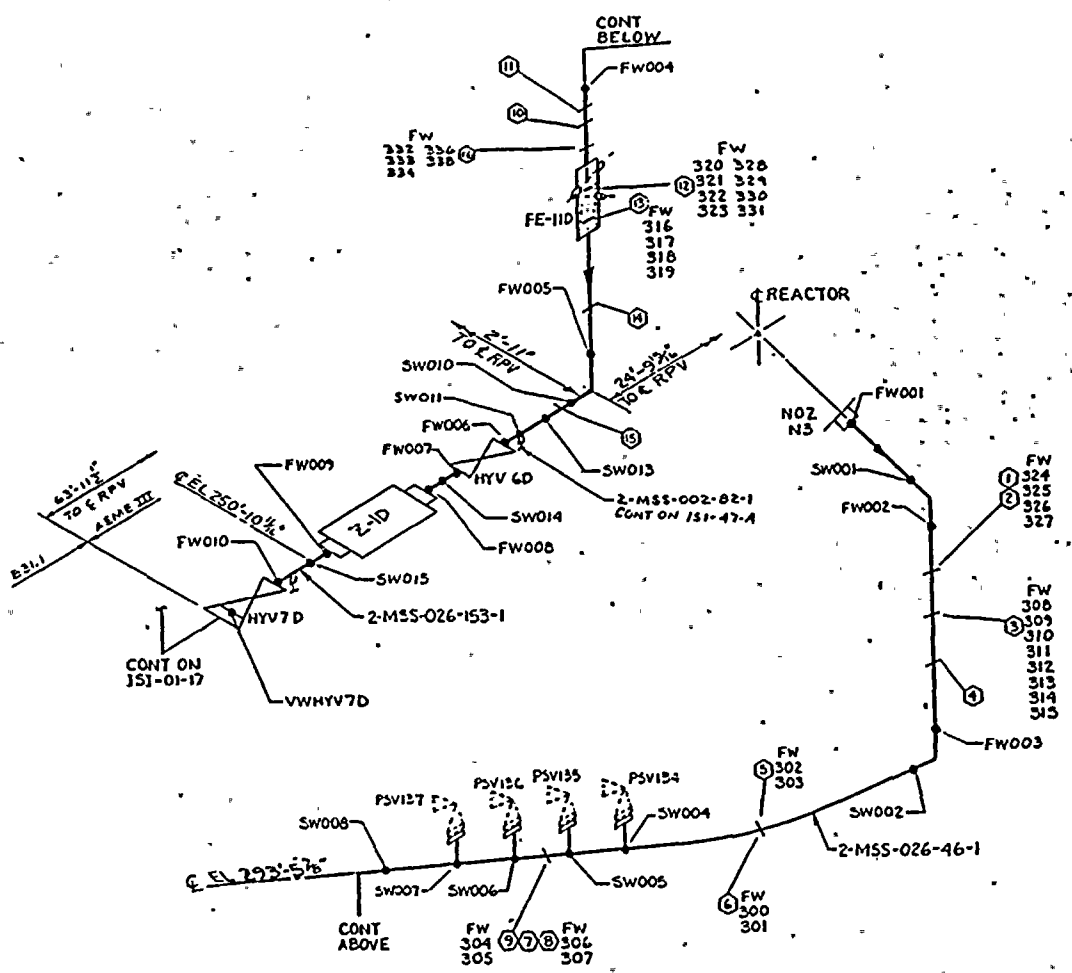
NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/01	REVISED PER CR 101	CS	CS	CS
1	2/13/01	REVISED PER PSI PLAN UPDATE	CS	CS	CS
0	7/1/01	SWC RELEASED FOR PRESERVE INSPECTION	CS	CS	CS

**NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM**

NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

**CLASS I - MSS LOOP C**  
**DWG NO ISI-01-15**  
 DRAWN BY: L. H. STANG  
 CHKD BY: J. DAVID





NO.	PIPE SUPPORT	BT NO.
1	PSM-316	DL-2 EP
2	PSM-309	DL
3	PSM-310	DL
4	PSM-311	DL
5	PSM-312	DL
6	PSM-313	DL
7	PSM-314	DL
8	PSM-315	DL
9	PSM-316	DL
10	PSM-317	DL
11	PSM-318	DL
12	PSM-319	DL
13	PSM-320	DL
14	PSM-321	DL
15	PSM-322	DL
16	PSM-323	DL
17	N/A	DL-42 DL
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 01-16-MSS  
 4 ALL SUPPORTS PRECEDED BY 2MSS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-16-W  
 ASME CONTROL Dwg N/A

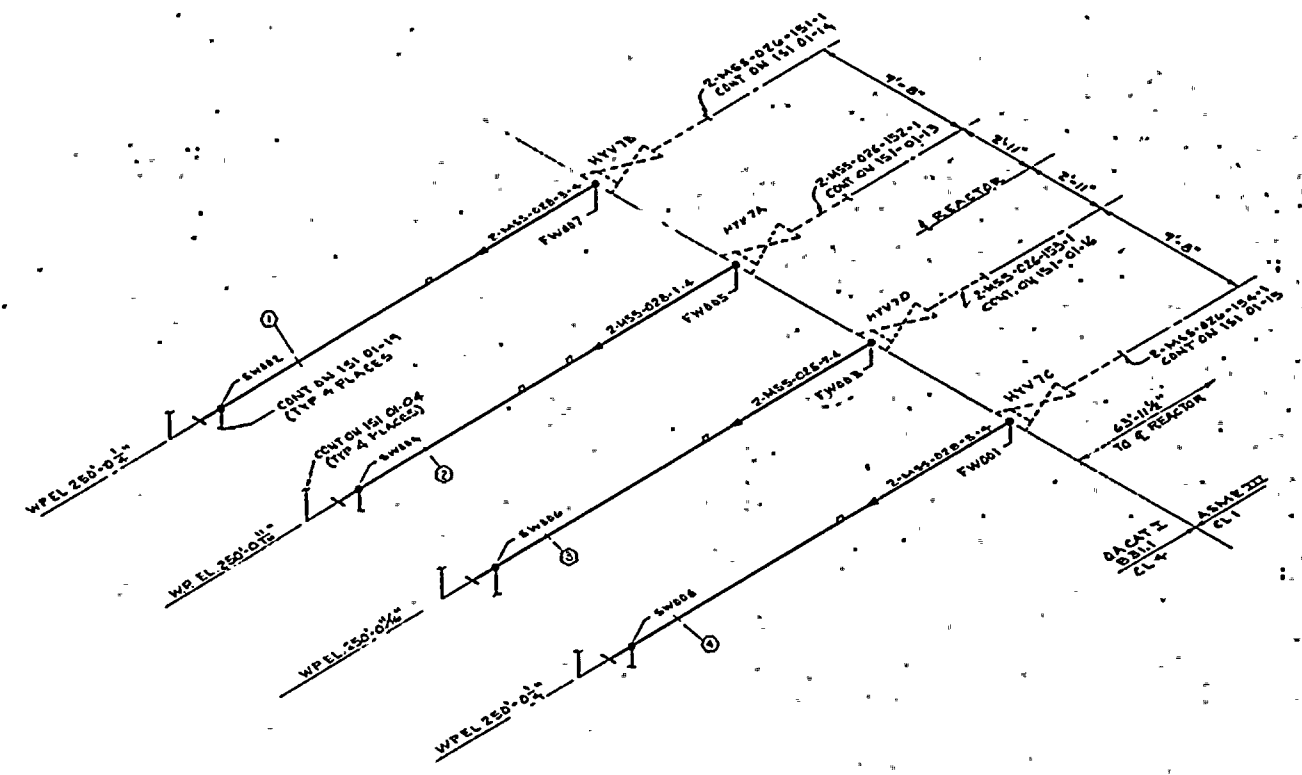
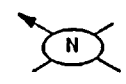
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2MSS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/82	REVISED PER CR 101	LD	LD	
1	3/12/82	REVISED PER PSI PLAN UPDATE	LD	LD	
0	7/22/81	SWEC RELEASED FOR PRESERVICE INSPECTION	LD	LD	

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1 MSS LOOP D  
 DWG NO ISI-01-16  
 DRAWN BY L.H. STANG  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BSZ NO.
1	2MS5 PER 80744	87-268
2	2MS5 PER 80744	87-268
3	2MS5 PER 80744	87-268
4	2MS5 PER 80744	87-268
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LEGEND  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

NOTES:  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 01-17-MSS  
 4 ALL SUPPORTS PRECEDED BY 2MS5

REFERENCES:  
 ITT GRINNELL INDUSTRIAL PIPING  
 ISOMETRIC 01-17-M  
 ASME CONTROL DWG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MS5

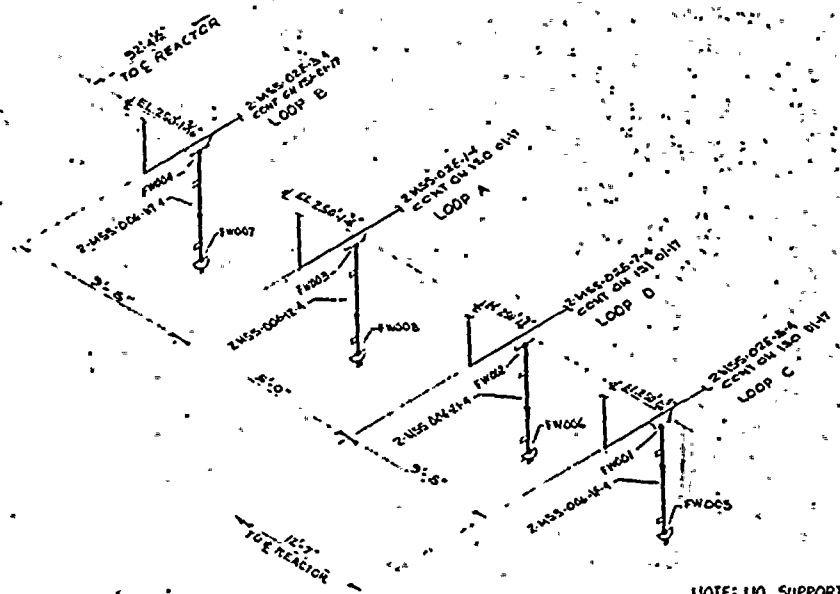
NO.	DATE	REVISION	BY	CHKD	APPR
1	9/2/85	REVISED PER PSI PLAN UPDATE	LAB	SM	
0	7/2/85	SWEC RELEASED FOR PRESERVICE INSPECTION	LAB	SM	

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2      M55 LOOP A,B,C,D  
 DWG NO ISI-01-17

DRAWN BY J.J. PULLI  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
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NOTE: NO SUPPORTS PROVIDED

- LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD
- NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 01-19-MSS  
 4. ALL SUPPORTS PRECEDED BY 2 WSS
- REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-19-E  
 ASME CONTROL Dwg W/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2 WSS #

NO	DATE	REVISION	BY	CHKD	APPR
1	7/15/85	REVISED PER PSI PLAN UPDATE	JL	SL	
0	7/5/85	SWEC RELEASED FOR PRESERVICE INSPECTION	JL	SL	B

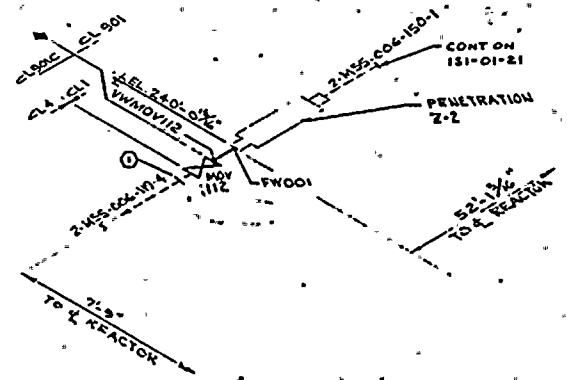
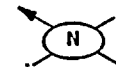
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2      MSS LOOP A,B,C,D DRAINS  
 DWG NO ISI- 01-19

DRAWN BY J.S. DULL  
 CHKD BY J. DAVID







NO	PIPE SUPPORT	BZ NO
1	2WSS PER 307A	02-189 B
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**LEGEND**

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

**NOTES:**

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY 01-20-MSS
- 4 ALL SUPPORTS PRECEDED BY 2-MSS

**REFERENCES:**

- ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-20-N
- ASME CONTROL DWG W/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-MSS #

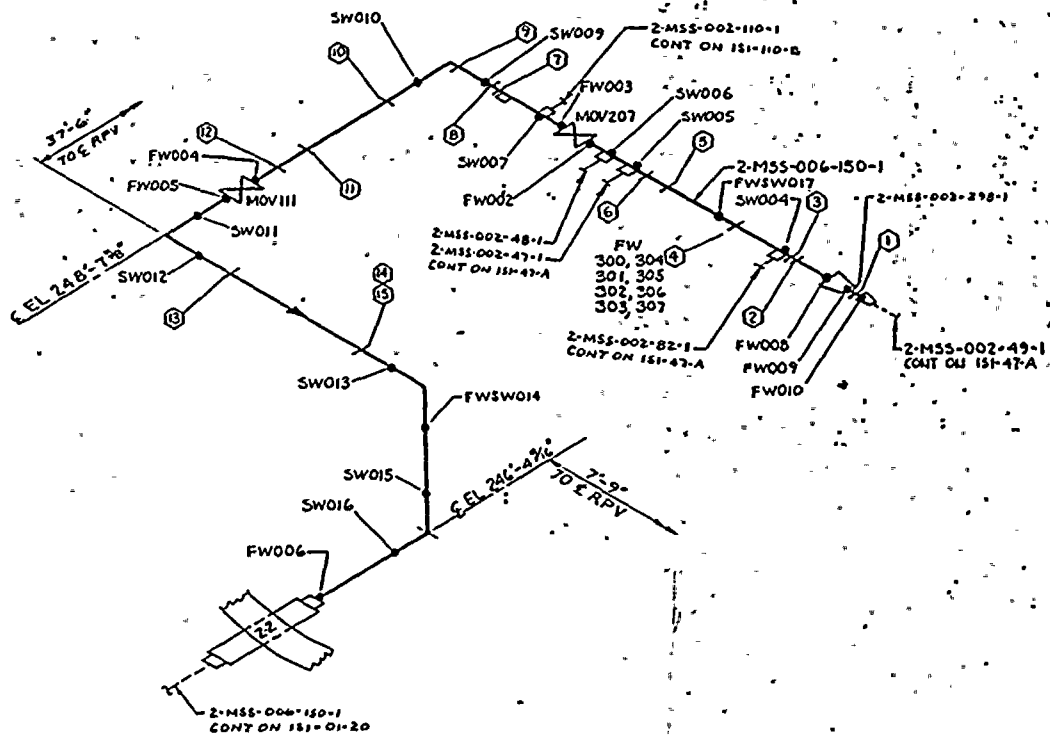
NO	DATE	REVISION	BY	CHKD	APPR
1	7/15/85	REVISED PER PSI PLAN UPDATE	LSJ		
0	7/4/84	SWEC RELEASED FOR PRESERVICE INSPECTION	LSJ		

**NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM**  
 NIAGARA MOHAWK POWER CORPORATION  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 1 MSS DRAIN HDR**  
**DWG NO ISI-01-20**

DRAWN BY A.A. PYLAK  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	2-MSS-PSS2781A1	02-137 Z
2	PSS276	AN
3	FSR 274	W
4	PSS278	DW
5	PSS264	H
6	FSR 270	PK
7	PSS277	LI
8	PSS281	PA
9	PSS284	AC
10	PSS272	P
11	PSS283	AB
12	FSR 270	AG
13	PSS273	Q
14	PSS266	R
15	2-MSS-PSS272	-R
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPIC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 01-21-MSS  
 4. ALL SUPPORTS PRECEDED BY 2MSS

**REFERENCES:**  
 1. ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 01-21-K  
 ASME CONTROL DWG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2MSS\*

NO	DATE	REVISION	BY	CHKD	APPR
2	7/27/06	REVISED PER CR 34 E CR 33	GC	CU	MLL
1	9/11/05	REVISED PER PSI PLAN UPDATE	GC	MLL	MLL
0	7/11/05	SWEC RELEASED FOR PRESERVICE INSPECTION	GC	MLL	MLL

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION

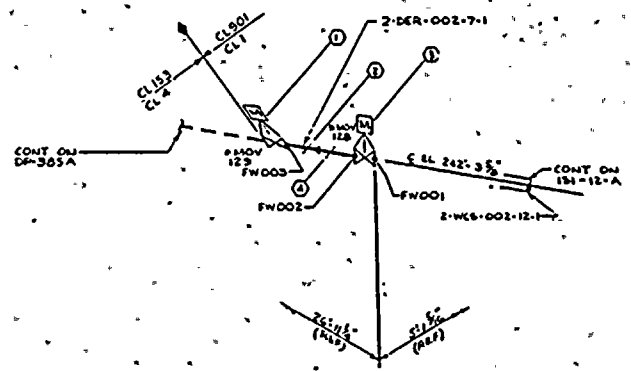
MSS DRAIN HDR  
 DWG NO ISI-01-21

DRAWN BY L.H. STANG  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BZ NO.
1	2-DER-002-12-1-A	87-85CD
2	1435	CR
3	1436	CR
4	1434	CR
5	PSM 1437	CT
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY DER-07A  
 4 ALL SUPPORTS PRECEDED BY 2DER

**REFERENCES:**  
 1 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL Dwg 2-DER-7-A-3

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2DER

**NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**

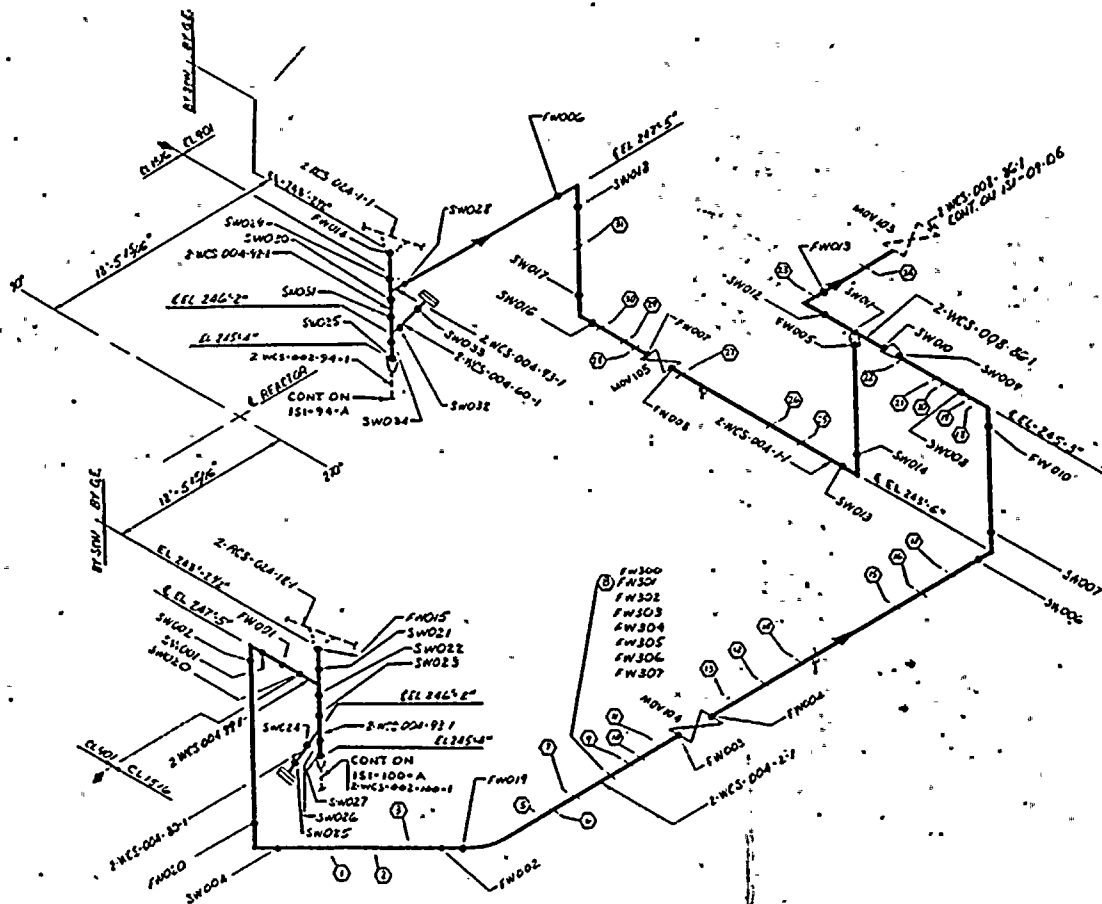
NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 1  
 DWG NO ISI-07-A**

DRAWN BY W. STEWART  
 CHKD BY J. DAVID

NO	DATE	REVISION	BY	CHKD	APPR
1	7/15/85	REVISED PER PSI PLAN UPDATE		SLH	
0	7/14/85	SWEC RELEASED FOR PRESERVICE INSPECTION		SLH	





NO	PIPE SUPPORT	GT NO
1	2WCS-PSS-011A	GT-2211
2	PSS-011	GT
3	PSS-012	NA
4		
5	PSS-013	NA
6	PSS-014	NA
7	PSS-015	NA
8	PSS-016	EA
9	PSS-017	NA
10	PSS-018	NA
11	PSS-019	NA
12	PSS-020	GT
13	PSS-021	GT
14	PSS-022	GT
15	PSS-023	GT
16	PSS-024	GT
17	PSS-025	GT
18	PSS-026	EA
19	PSS-027	EA
20	PSS-028	EA
21	PSS-029	EA
22	PSS-030	EA
23	PSS-031	JU
24	PSS-032	ES
25	PSS-033	CH
26	PSS-034	CU
27	PSS-035	GM
28	PSS-036	GL
29	PSS-037	GM
30	PSS-038	GM
31	PSS-039	GM
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**LEGEND**

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

**NOTES:**

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 09-05-WCS
4. ALL SUPPORTS PRECEDED BY 2WCS

**REFERENCES:**

- 1. ITT GRINNELL INDUSTRIAL PIPING
- 2. ISOMETRIC 09-5-Z
- 3. ASME CONTROL DAG 1/4

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

\* ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2WCS\*

NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/94	REVISED PER CR 120 ALSO IWF-CR-33	L	DN	DN
1	7/13/95	REVISED PER PSI PLAN UPDATE	L	SLH	DN
0	7/4/95	SWEC RELEASED FOR PRESERVICE INSPECTION	L	DN	DN

**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

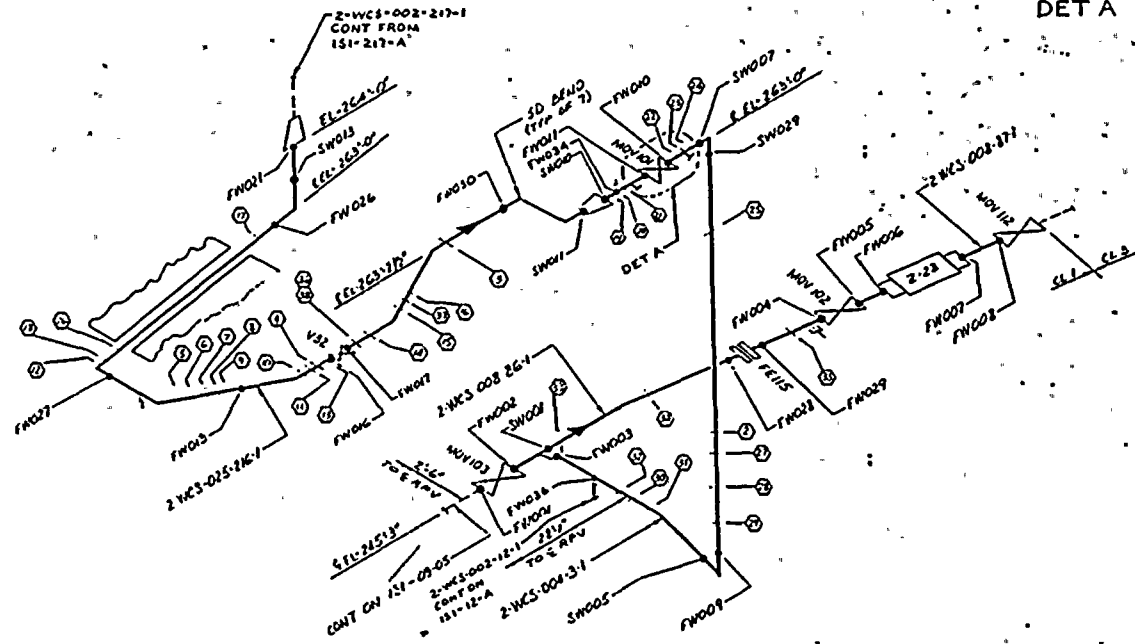
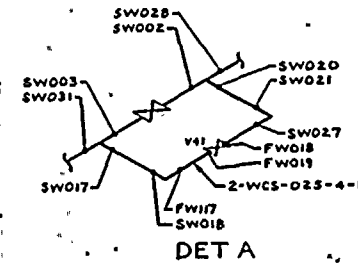
**CLASS 1**  
**DWG NO ISI-09-05**  
 DRAWN BY J. ANSELMO  
 CHKD BY J. DAVID







NO	PIPE SUPPORT	BZ NO.
1		
2	2-WCS-002-217-A1	BZ 7472
3	PSW 645	EV
4	PSW 514	EV
5	PSW 500	EA
6	PSW 501	EA
7	PSW 502	EA
8	PSW 503	EA
9	PSW 504	EA
10	PSW 505	EA
11	PSW 506	EA
12	PSW 507	EA
13	PSW 508	EA
14	PSW 509	EA
15	PSW 510	EA
16	PSW 511	EA
17	PSW 512	EA
18	PSW 513	EA
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33	PSW 528	EA
34	PSW 529	EA
35	PSW 530	EA
36	PSW 531	EA
37	PSW 532	EA
38	PSW 533	EA



THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2WCS

- LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD
- NOTES:**  
 1 SCALE NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 00-00-WCS  
 4 ALL SUPPORTS PRECEDED BY 2WCS
- REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 09-6-AN  
 ASME CONTROL DAC N2A

**NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM**

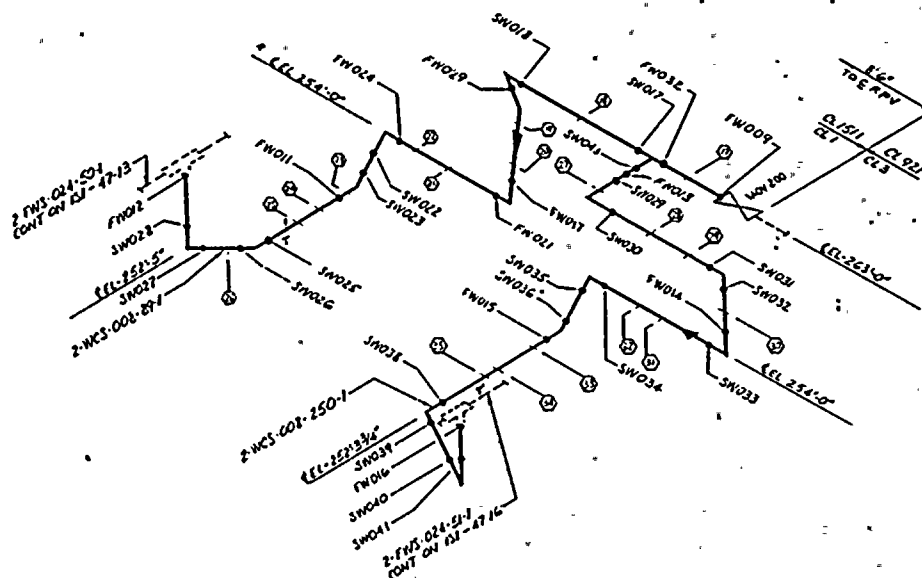
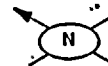
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

**CLASS I  
DWG NO ISI-09-02**

DRAWN BY J ANSELMO  
CHKD BY J DAVID

NO	DATE	REVISION	BY	CHKD	APPR
2	7/1/82	REVISED PER CR 45, 46 & 122	DL	DL	DL
1	7/1/82	REVISED PER PSI PLAN UPDATE	DL	DL	DL
0	1/4/82	SWEC RELEASED FOR PRESERVICE INSPECTION	DL	DL	DL





NO	PIPE SUPPORT	BZ NO.
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18	PSIP-212	212
19	PSIP-213	213
20	PSIP-214	214
21	PSIP-215	215
22	PSIP-216	216
23	PSIP-217	217
24	PSIP-218	218
25	PSIP-219	219
26	PSIP-220	220
27	PSIP-221	221
28	PSIP-222	222
29	PSIP-223	223
30	PSIP-224	224
31	PSIP-225	225
32	PSIP-226	226
33	PSIP-227	227
34	PSIP-228	228
35	PSIP-229	229
36	PSIP-230	230

LEGEND

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 09-14-WCS
4. ALL SUPPORTS PRECEDED BY 2WCS

REFERENCES:

- 1. ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 09-14-AL
- 2. ASME CONTROL DAG 1/4

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2WCS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/21/64	REVISED PER INF-CR-33	WJ	WJ	WJ
1	11/15/63	REVISED PER PSI PLAN UPDATE	WJ	SLB	WJ
0	7/21/63	SWEC RELEASED FOR PRESERVICE INSPECTION	WJ	SLB	WJ

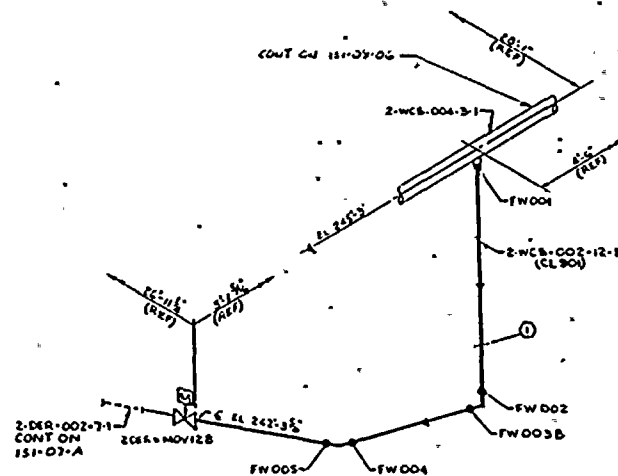
**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NIAGARA MOHAWK POWER CORPORATION  
 NIAGARA MOHAWK NUCLEAR STATION - UNIT 2

**CLASS 1**  
**DWG NO ISI-09-74**  
 DRAWN BY S. ANGELINO  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	2-WCS-055P-32B-A1	B2-74-UX
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**LEGEND**

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

**NOTES:**

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY WCS-012A
- 4 ALL SUPPORTS PRECEDED BY 2WCS

**REFERENCES:**

- ITT GRINNELL INDUSTRIAL PIPING
- ISOMETRIC N/A
- ASME CONTROL DAG 2-WCS-12-A-6

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY -2WCS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/26	REVISED PER CR10	SLK	AS	APP
1	7/2/25	REVISED PER PSI PLAN UPDATE	SLK	AS	APP
0	7/1/25	SWEC RELEASED FOR PRESERVICE INSPECTION	SLK	AS	APP

**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

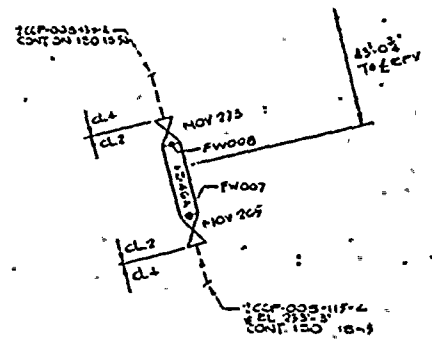
**CLASS 1**  
**DWG NO ISI-12-A**

DRAWN BY W. STEWART  
 CHKD BY J. DAVID





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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 12-15-CCP  
 4. ALL SUPPORTS PRECEDED BY 2CCP

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 12-15-11  
 ASME CONTROL DAG 3/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALUES AND EQUIPMENT NUMBERS PRECEDED BY 2CCP

NO	DATE	REVISION	BY	CHKD	APPR
1	7/1/85	REVISED PER PSI PLAN UPDATE	CL	SL	DR
0	7/1/85	SWEC RELEASED FOR PRESERVICE INSPECTION	CL	SL	DR

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

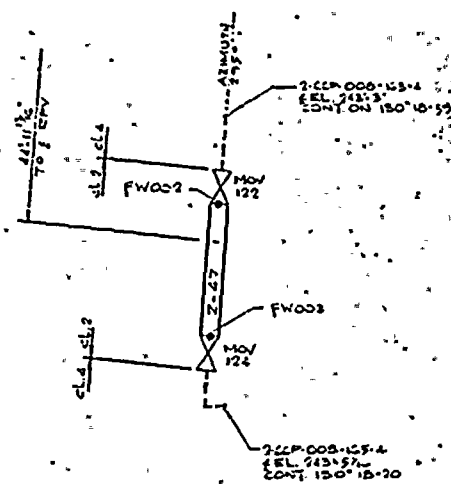
CLASS 2  
 DWG NO ISI-18-15  
 DRAWN BY B.F. GIBSON  
 CHKD BY J. DAVID







NO	PIPE SUPPORT	BZ NO
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LEGEND  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECTION XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 15-20-CCP  
 4. ALL SUPPORTS PRECEDED BY 2CCP

REFERENCES:  
 - ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC (15-20-N)  
 ASME CONTROL DWG N/A

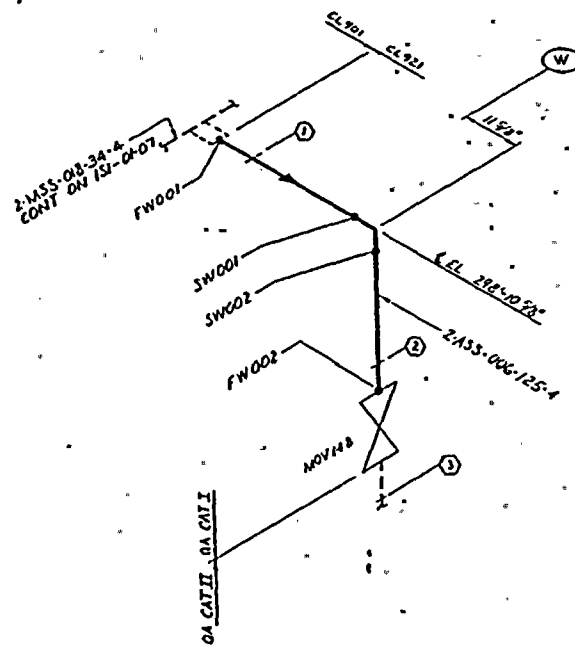
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CCP

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

NO	DATE	REVISION	BY	CHKD	APPR
1	7/11/87	REVISED PER PSI PLAN UPDATE	LS	LS	JD
2	7/14/87	SWIC RELEASED FOR PRESERVICE INSPECTION	LS	LS	JD

CLASS 2  
 DWG NO ISI-18-20  
 DRAWN BY - F. GREGG  
 CHKD BY - J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	2-ASS-08-34-A	02-116-004
2	2-ASS-08-34-A	02-116-005
3	2-ASS-08-34-A	02-116-006
4		
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 20-01-ASS
4. ALL SUPPORTS PRECEDED BY 2ASS

REFERENCES:

- ITT GRINNELL INDUSTRIAL PIPING
- ISOMETRIC 20-01-Q
- ASME CONTROL Dwg 1/4

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2ASS

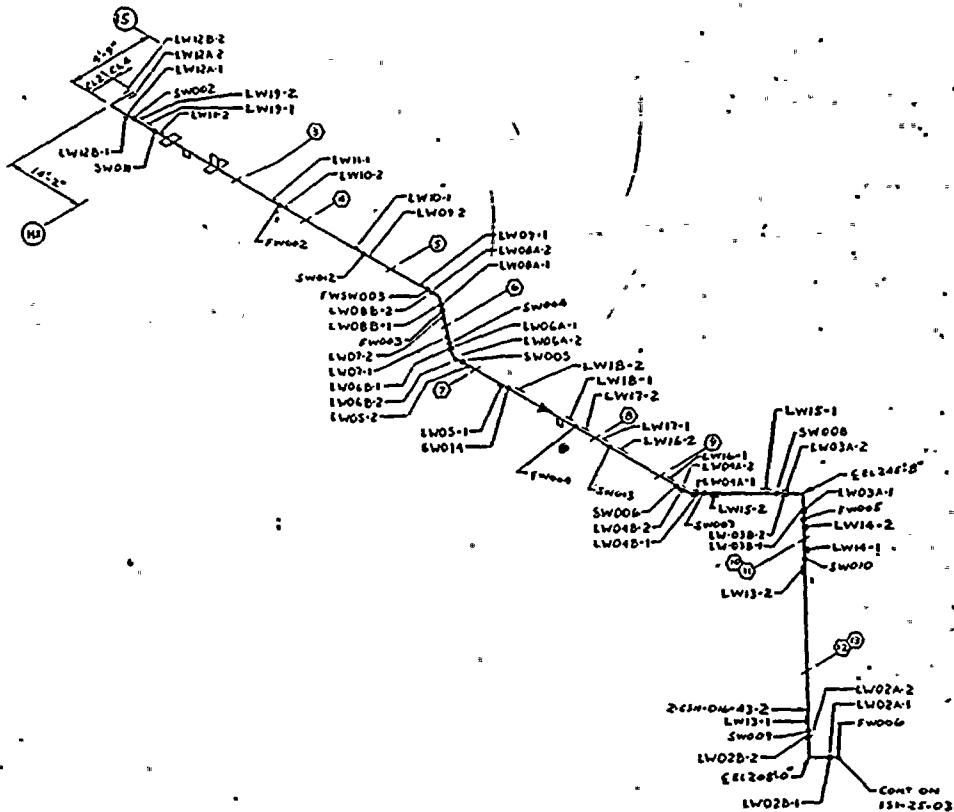
NO	DATE	REVISION	BY	CHKD	APPR
2	7/22/04	REVISED PER INT-CR-59	6	af	ms
1	1/23/85	REVISED PER PSI PLAN UPDATE	L	JH	ms
0	7/1/85	SWEC RELEASED FOR PRESERVICE INSPECTION	L	SK	pm

NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

CLASS 2  
DWG NO ISI-20-01

DRAWN BY SANJELMO  
CHKD BY J. JAVIER





NO.	PIPE SUPPORT	BZ NO.
1		
2		
3	ZCSMPR220 A2	BZ-10800
4	ZCSMPR227 A2	BZ-10802
5	ZCSMPR222 A2	BZ-10801
6	ZCSMPR226 A2	BZ-10803
7	ZCSMPR223 A2	BZ-10804
8	ZCSMPR224 A2	BZ-10805
9	ZCSMPR225 A2	BZ-10806
10	ZCSMPST218 A2	BZ-10807
11	ZCSMPST219 A2	BZ-10808
12	ZCSMPST220 A2	BZ-10809
13	ZCSMPST202 A2	BZ-10804
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**LEGEND**

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

**NOTES:**

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY ZCSMP
- 4 ALL SUPPORTS PRECEDED BY ZCSM

**REFERENCES:**

- 11T GRINNELL INDUSTRIAL PIPING ISOMETRIC ZS-01-S
- ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY ZCSM

NO.	DATE	REVISION	BY	CHKD	APPR
1	7/24/02	REVISED PER CR 106 123,193 EMT-CR-1			
0	1/15/02	SWEC RELEASED FOR PRESERVICE INSPECTION			

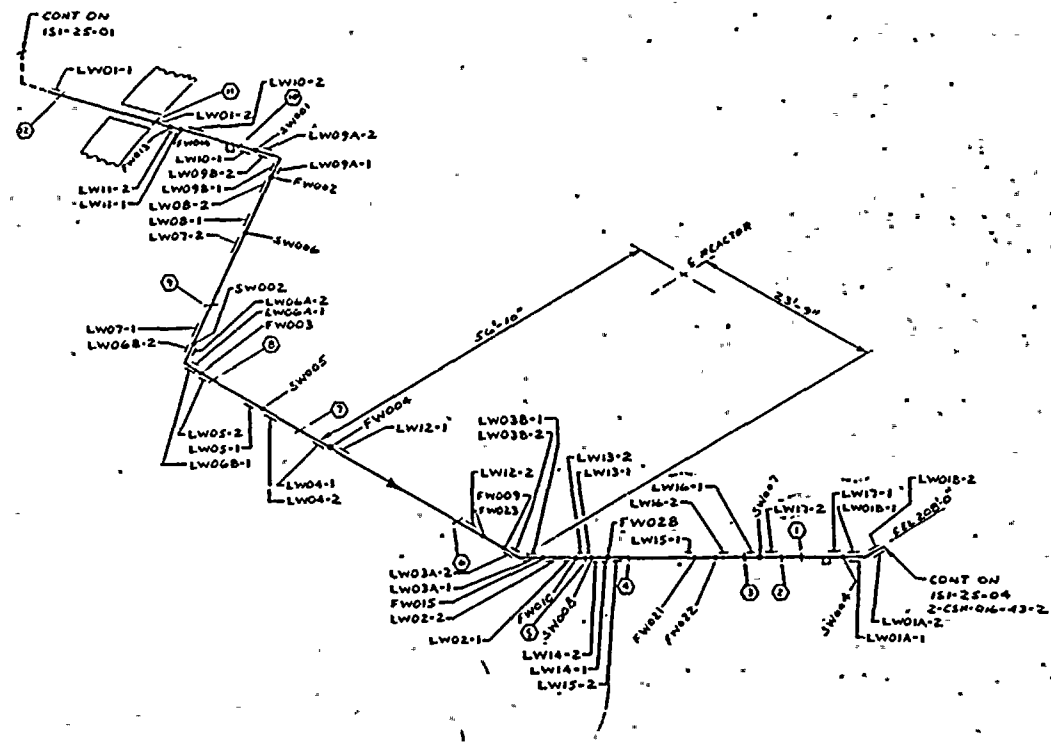
**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NIAGARA MOHAWK POWER CORPORATION  
 UNIT 2  
 CLASS 2  
 DWG NO IS1-25-01  
 DRAWN BY J DAVID  
 CHKD BY S M...

CONT ON IS1-25-03





NO	PIPE SUPPORT	82 NO
1	COMPRESSOR A2	82-78M
2	COMPRESSOR A2	82-78N
3	COMPRESSOR A2	82-78P
4	COMPRESSOR A2	82-78Q
5	COMPRESSOR A2	82-78A
6	COMPRESSOR A2	82-78B
7	COMPRESSOR A2	82-78T
8	COMPRESSOR A2	82-78U
9	COMPRESSOR A2	82-78V
10	COMPRESSOR A2	82-78M
11	COMPRESSOR A2	82-78K
12	COMPRESSOR A2	82-78R
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 25-03-CSM  
 4 ALL SUPPORTS PRECEDED BY 2-CEM

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-03-V  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2-CEM

NO	DATE	REVISION	BY	CHKD	APPR
1	7/12/82	REVISED PER CR124, 191, 193, 106 & 227 ALSO ISO 25-03-T	W. H. H.	J. D. H.	J. D. H.
0	7/15/81	SWIC RELEASED FOR PRESERVICE INSPECTION	W. H. H.	J. D. H.	J. D. H.

**NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**

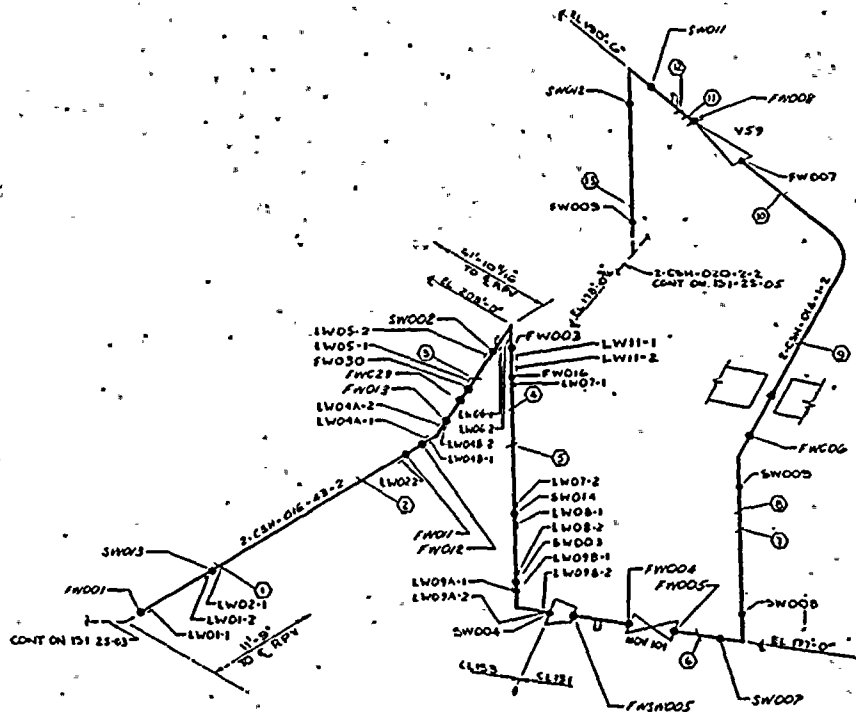
NIAGARA MOHAWK POWER CORPORATION  
 NINE MILE POINT NUCLEAR STATION - UNIT 2

**CLASS 2 -  
 DWG NO ISI-25-03**

DRAWN BY J. DAVID  
 CRD BY S. HENNING







NO.	PIPE SUPPORT	BZ NO.
1	2-CSM-P54-005 AT	87-78 L
2	P55T-004	87-78 K
3	1-003	87-78 Z
4	1-002	87-78 A
5	P54-001	87-78 M
6	P55T-075	87-78 G
7	1-074	87-78 E
8	1-073	87-78 C
9	P54-020	87-78 AN
10	P55T-071	87-78 ED
11	P55M-031	87-78 AP
12	P55T-072	87-78 SC
13	P55T-070	87-78 CC
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LEGEND

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 25-04-CSM
4. ALL SUPPORTS PRECEDED BY 2CSM

REFERENCES:

- ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-4-X
- ASME CONTROL DAG N/A

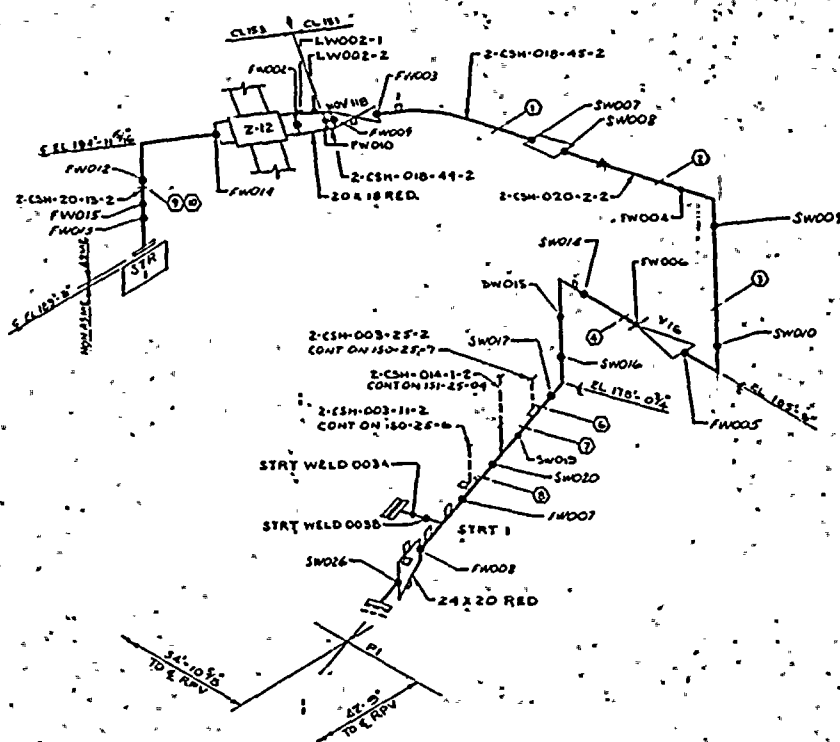
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY. ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2CSM.

NO.	DATE	REVISION	BY	CHKD	APPR
2	7/14/84	REVISED PER CR 106,125 & 196	CL	AK	WBI
1	6/11/84	REVISED PER PSI PLAN UPDATE	CL	SLF	WBI
0	7/1/83	SWTC RELEASED FOR PRESERVICE INSPECTION	CL	SLF	WBI

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2  
 DWG NO ISI-25-04  
 DRAWN BY W. STEWART  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	B2 NO
1	2-CSH-P35H026-A2	B7-7B-A2
2	PIR 024	AM
3	PIR 207	MP
4	PIR 023	AJ
5		
6	PIR 047	B1
7	PIR 044	BT
8	PIR 026	AM
9	PIR 216	J6
10	PIR 217	J6
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 \* - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPIC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 25-05-CSH  
 4. ALL SUPPORTS PRECEDED BY 26SH

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-5-Y  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY.  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 26SH

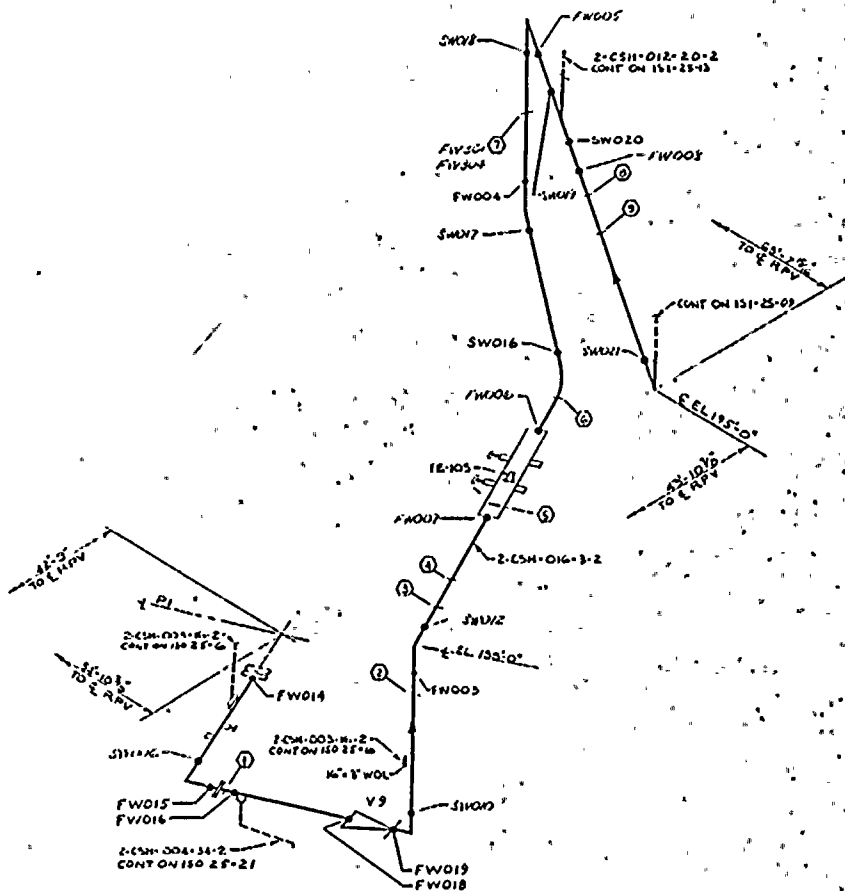
NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/66	REVISED PER CR 106, 126, 127, 145, 200, 201 ISO 25-5-X & MP-CR-2	JJ	DL	MS
1	7/1/65	REVISED PER PSI PLAN UPDATE	WJ	ST	MS
0	7/1/65	SWIC RELEASED FOR PRESERVICE INSPECTION	WJ	ST	MS

NMP2  
**WELD & COMPONENT IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS - 2  
 DWG NO ISI-25-05

DRAWN BY: M. STEWART  
 CHKD BY: J. DAVID





NO	PIPE SUPPORT	BY NO.
1	25-08-01	25-08-01
2	25-08-02	25-08-02
3	25-08-03	25-08-03
4	25-08-04	25-08-04
5	25-08-05	25-08-05
6	25-08-06	25-08-06
7	25-08-07	25-08-07
8	25-08-08	25-08-08
9	25-08-09	25-08-09
10	25-08-10	25-08-10
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LEGEND:  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 25-09-CSH  
 4. ALL SUPPORTS PRECEDED BY 25-01

REFERENCES:  
 ■■■ GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-0-0  
 ASME CONTROL DAG 1/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY. ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2CSH.

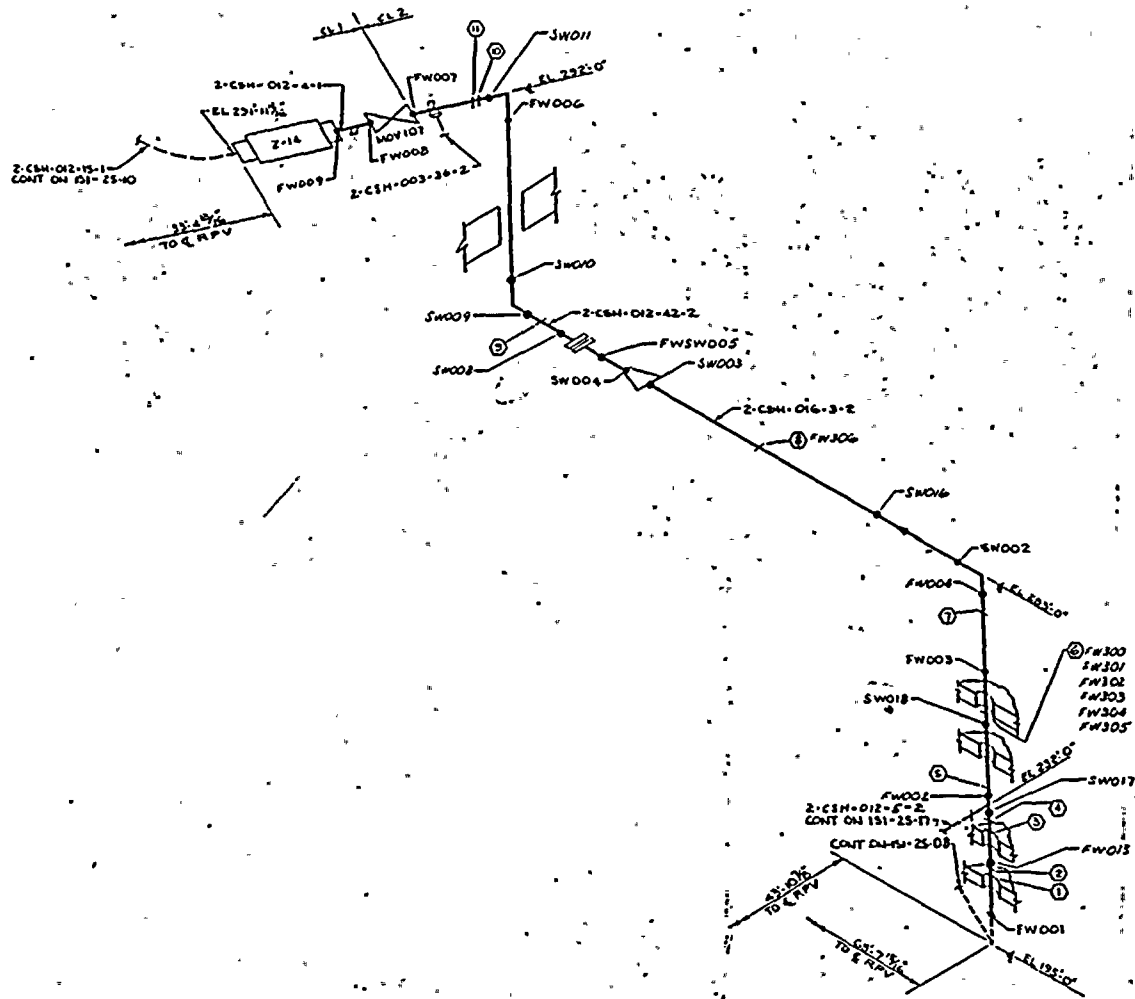
NO	DATE	REVISION	BY	CHKD	APPD
2	7/22/04	REVISED PER CR 51,131,176 ALSO IWF-CR-34	JD	DL	AP
1	7/21/05	REVISED PER PSI PLAN UPDATE.	DL	SL	AP
0	7/07/05	SWEC RELEASED FOR PRESERVICE INSPECTION	DL	SL	AP

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS - 2  
 DWG NO ISI - 25-08

DRAWN BY W. STEWART  
 CHD BY J. DAVID





NO.	PIPE SUPPORT	EZ NO.
1	2CSH-D12-4-1	B2-15
2	PSST 195	NI
3	PSST 196	NI
4	PSST 197	NI
5	PSR 191	NI
6	PSR 192	NI
7	PSR 079	CL
8	PSA 078	CL
9	PSST 017	CL
10	PSST 004	CL
11	PSST 006	CL
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 P-PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 25-05-CSH  
 4 ALL SUPPORTS PRECEDED BY 2CSH

**REFERENCES:**  
 1 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-9-W  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY. ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2CSH.

NO	DATE	REVISION	BY	CHKD	APPR
2	7/21/86	REVISED PER CR 52 & 129 ALSO ISO 25-09-1	W	OS	W/86
1	2/1/85	REVISED PER PSI PLAN UPDATE	Le	SKH	RD
0	1/1/85	SWEC RELEASED FOR PRESERVICE INSPECTION	Le	SKH	RD

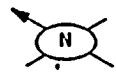
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1 & 2  
 DWG NO ISI-25-09

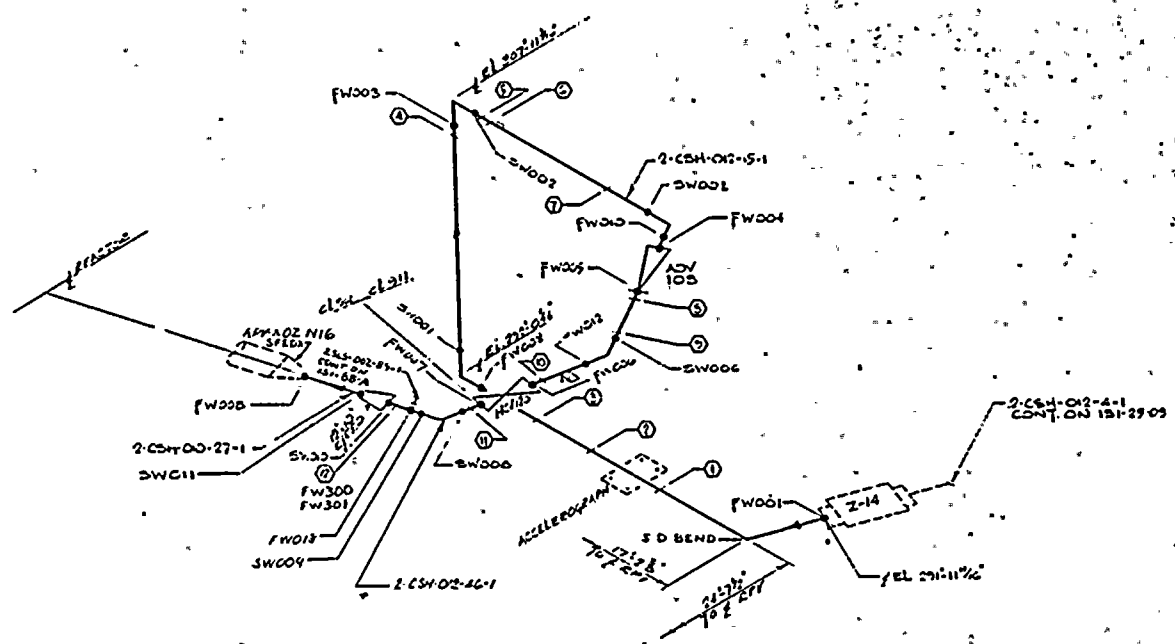
DRAWN BY W. STEWART  
 CKB BY J. DAVID







NO	PIPE SUPPORT	BZ NO.
1	25-10-PSA-A1	BZ-7M-C2
2	25-10-PSA-A1	CV
3	25-10-PSA-A1	CV
4	25-10-PSA-A1	CV
5	25-10-PSA-A1	CV
6	25-10-PSA-A1	CV
7	25-10-PSA-A1	CV
8	25-10-PSA-A1	CV
9	25-10-PSA-A1	CV
10	25-10-PSA-A1	CV
11	25-10-PSA-A1	CV
12	25-10-PSA-A1	CV
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 25-10-CSH  
 4. ALL SUPPORTS PRECEDED BY 2CSH

REFERENCES:  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-10-S  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2CSH

NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/20	REVISED PER ISO 25-10-S	V	AT	W/AT
1	2/26/20	REVISED PER PSI PLAN UPDATE	LS	SLT	JM
0	7/24/20	SWIC RELEASED FOR PRESERVE INSPECTION	LS	SLT	JM

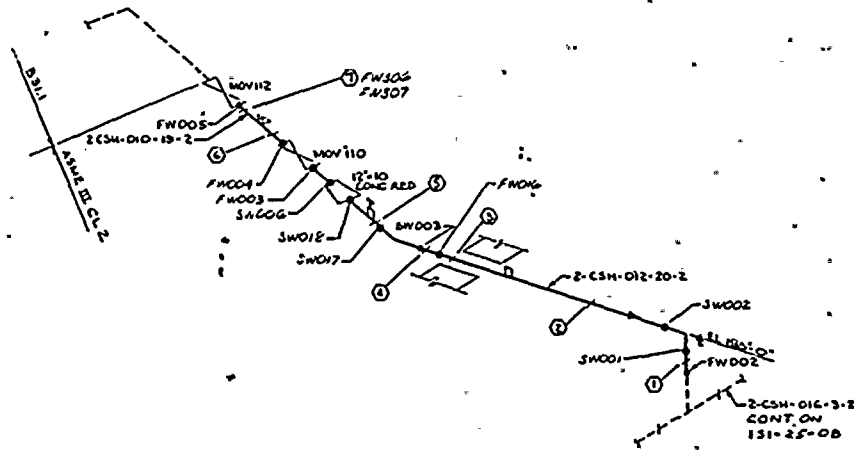
NMP2  
 WELD & COMPONENT  
 - IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1  
 DWG NO ISI-25-10  
 DRAWN BY W. PARSONS  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	ISZ NO
1	2-CSH-F35P-20-A	D2-78-114
2	PSST 105	MS
3	PSST 200	MS
4	PSST 201	MS
5	PSST 202	MS
6	PSST 203	MS
7	PSST 204	MS
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LEGEND

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY 25-15-CSH
4. ALL SUPPORTS PRECEDED BY 2CSH

REFERENCES:

- ITT GRINNELL INDUSTRIAL PIPING
- ISOMETRIC 25-D-P
- ASME CONTROL Dwg 1/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY VALVE & EQUIPMENT NUMBERS PRECEDED BY 2CSH

NO	DATE	REVISION	BY	CHKD	APPR
1	11/15/88	REVISED PER PSI PLAN UPDATE	W. STEWART	J. DAVID	
2	11/15/88	SWEC RELEASED FOR PRESERVICE INSPECTION	W. STEWART	J. DAVID	

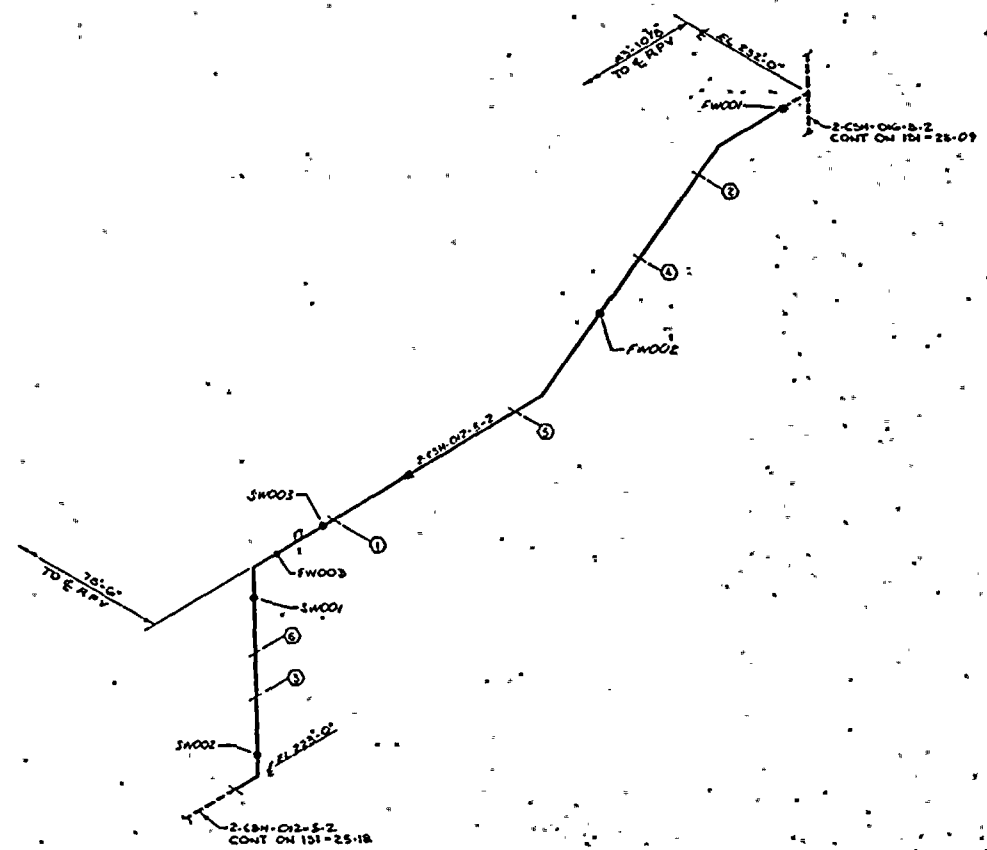
NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

CLASS 2  
DWG NO ISI-25-13  
DRAWN BY W. STEWART  
CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	ZCSHPS1187A2	SI-70NA
2	ZCSH180	MC
3	ZSP 185	MC
4	ZSP 187	MC
5	ZSA 188	MC
6	ZST 184	MC
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 25-17-C5H  
 4. ALL SUPPORTS PRECEDED BY 2CSH

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING  
 ISOMETRIC 25-17-G  
 ASME CONTROL DAG N/A

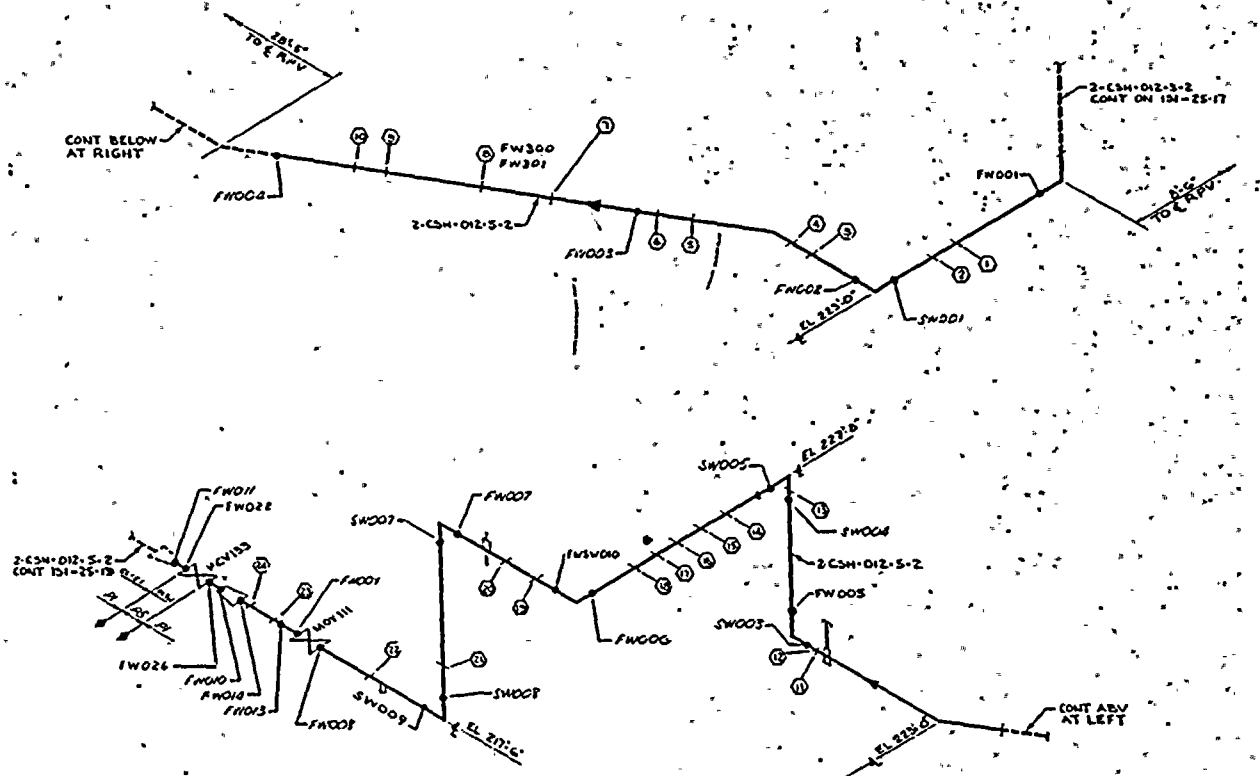
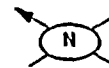
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2CSH

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

NO.	DATE	REVISION	BY	CHKD	APPR
1	1/15/17	REVISED PER PSI PLAN UPDATE	WJ	SL	DM
0	7/1/15	SWEC RELEASED FOR PRESERVICE INSPECTION	WJ	SL	DM

CLASS 2  
 DWG NO ISI-25-17  
 DRAWN BY W. STEWART  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BT NO
1	2-CSH-012-S-2	02-78CM
2	PSSM-183	GT
3	PSSM-182	GT
4	PSSM-181	GT
5	PSSM-180	GT
6	-179	4R
7	-178	4Q
8	PSSM-177	6P
9	PSSM-176	6M
10	-175	6A
11	-174	6L
12	P-173	6N
13	PSSM-172	6J
14	PSSM-171	6M
15	PSSM-170	6G
16	PSSM-169	6F
17	PSSM-168	6E
18	PSSM-167	6D
19	PSSM-166	6C
20	PSSM-165	6B
21	PSSM-164	6A
22	PSSM-163	6Z
23	PSSM-162	6Y
24	PSSM-161	6X
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 25-18-CSH  
 4. ALL SUPPORTS PRECEDED BY 2CSH

REFERENCES:  
 ITT GRINNELL INDUSTRIAL PIPING  
 ISOMETRIC 25-18-R  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2CSH

NO	DATE	REVISION	BY	CHKD	APPR
2	7/27/00	REVISED PER CR 150 & ISO 25-16-R	WJ	EL	WJ
1	7/27/00	REVISED PER PSI PLAN UPDATE	WJ	EL	WJ
0	7/27/00	SWIC RELEASED FOR PRESERVICE INSPECTION	WJ	EL	WJ

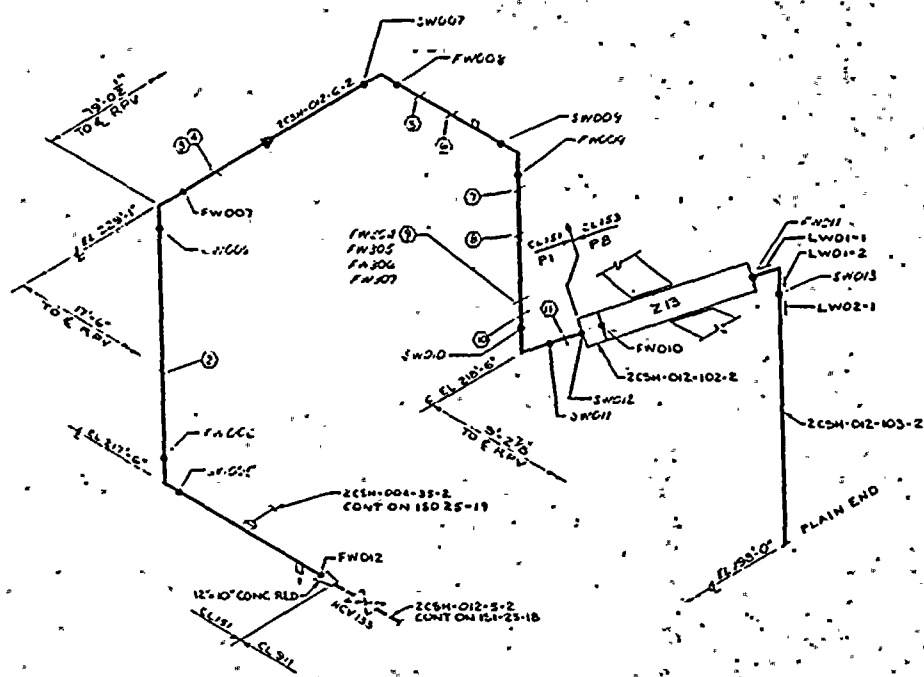
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2  
 DWG NO ISI-25-18

DRAWN BY W. STEWART  
 CHKD BY J. DAVID







NO	PIPE SUPPORT	EQ NO
1		
2	ZCSH-012-102-2	22-746L
3	PSSF102	6N
4		
5		
6	PSSP101	6N
7	PSSP029	6N
8	PSSP028	6N
9	PSSP027	6N
10	PSSP026	6N
11	PSSP025	6N
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 25-19-CSH  
 4. ALL SUPPORTS PRECEDED BY 2CSH

REFERENCES:  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 25-19-P  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY. ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2CSH.

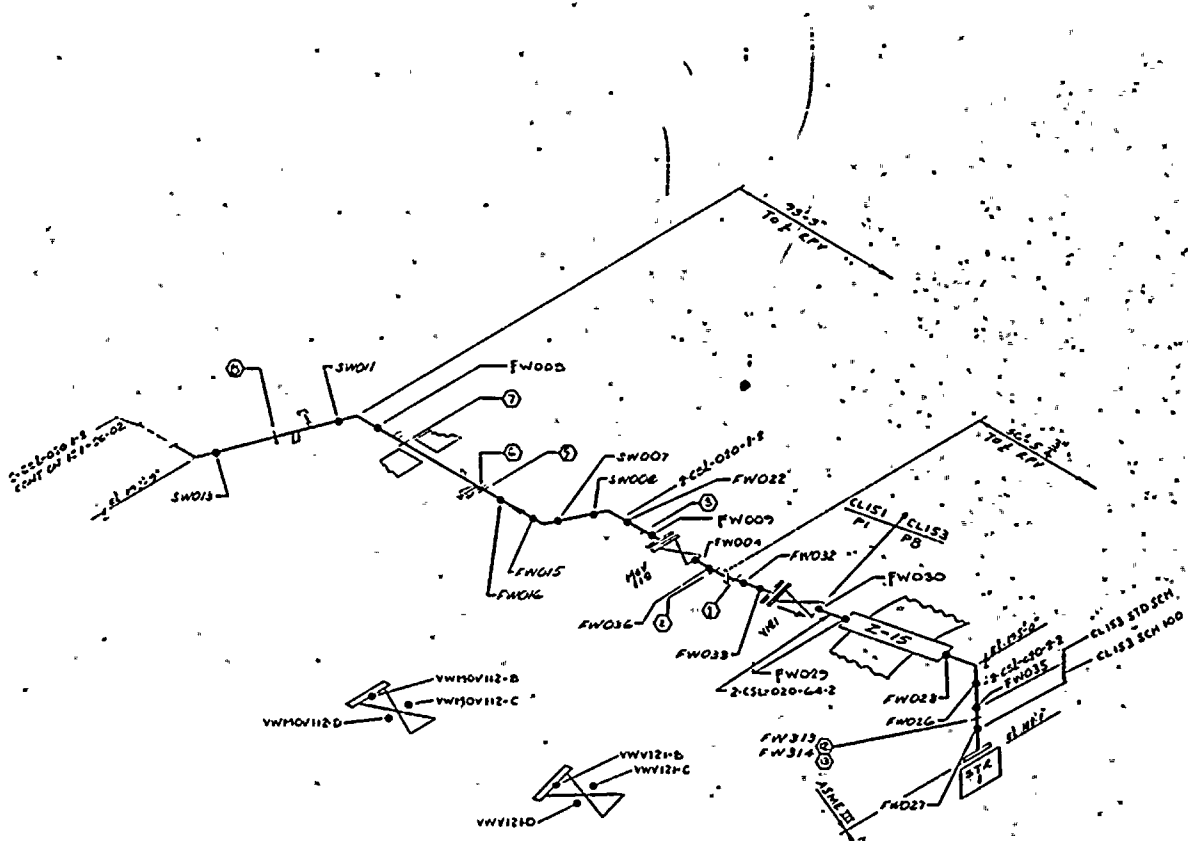
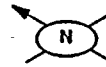
NO	DATE	REVISION	BY	CHKD	APPR
2	7/1/74	REVISED PER CR106 & ISO 25-19-P	JL	DL	DL
1	9/1/73	REVISED PER PSI PLAN UPDATE	JL	SLT	DL
0	7/1/73	SWEC RELEASED FOR PRESERVICE INSPECTION	JL	SLT	DL

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION

CLASS: 2  
 DWG NO ISI-25-19

DRAWN BY W. STEWART  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BZ NO.
1	111-VV1210-01	111
2	111-VV1212-01	111
3	111-VV1212-02	111
4		
5	111-VV1212-03	111
6	111-VV1212-04	111
7	111-VV1212-05	111
8	111-VV1212-06	111
9	111-VV1212-07	111
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12	111-VV1212-08	111
13	111-VV1212-09	111
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ◐ INDICATES NON-EXEMPT WELD

**NOTES:**  
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 3 ALL WELDS PRECEDED BY 2G-01-CSL  
 4 ALL SUPPORTS PRECEDED BY 2 CSL

**REFERENCES:**  
 111 GRINNELL INDUSTRIAL PIPING ISOMETRIC 2G-1-AM  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2CSL

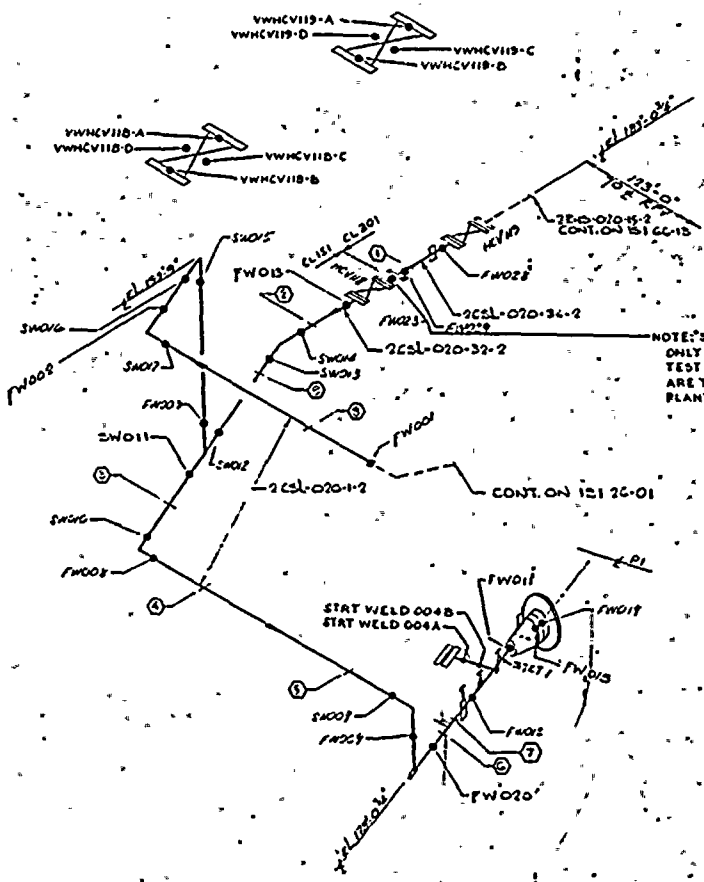
NO	DATE	REVISION	BY	CHKD	APPR
2	7/27/84	REVISED PER CR139 & ISO 26-1-AM	LD	SLR	TR
1	7/12/84	REVISED PER PSI PLAN UPDATE	LD	SLR	TR
0	7/6/84	SWEC RELEASED FOR PRESERVICE INSPECTION	LD	SLR	SBA

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2  
 DWG NO ISI-26-01

DRAWN BY J. DAVID  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	B2 NO
1	2CSL-FRCS3-A2	B2-FRCS4
2	FRCS3-A2	S
3	FRCS3-A2	1 A3
4	FRCS3-A2	1 U
5	FRCS3-A2	1 AV
6	FRCS3-A2	1 AM
7	FRCS3-A2	1 N
8	FRCS3-A2	1 T
9	FRCS3-A2	1 C2
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THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2CSL

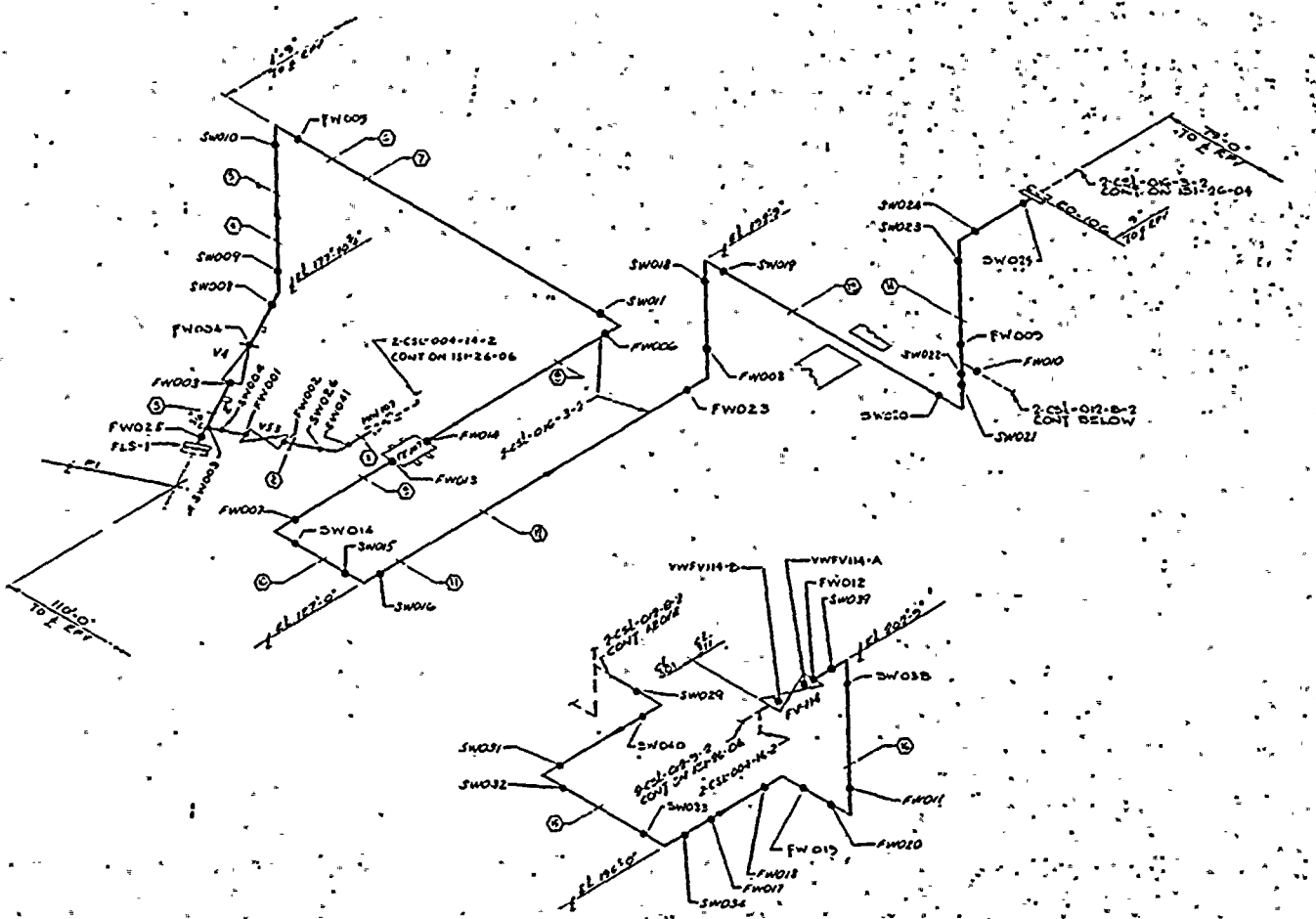
NO	DATE	REVISION	BY	CHKD	APPR
2	7/17/66	REVISED PER CR III E 246 ALSO 26-2-AE	SL	SL	SL
1	7/15/65	REVISED PER PSI PLAN UPDATE	SL	SL	SL
0	7/15/65	SWEC RELEASED FOR PRESERVICE DISPECTION	SL	SL	SL

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2  
 DWG NO ISI-26-02

DRAWN BY J. DAVID  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	2-CSL-011-04-A2	BT-14-87
2	2-CSL-011-04-A2	44
3	2-CSL-011-04-A2	43
4	2-CSL-011-04-A2	6D
5	2-CSL-011-04-A2	8C
6	2-CSL-011-04-A2	84
7	2-CSL-011-04-A2	7
8	2-CSL-011-04-A2	15A
9	2-CSL-011-04-A2	8A
10	2-CSL-011-04-A2	2
11	2-CSL-011-04-A2	AT
12	2-CSL-011-04-A2	L
13	2-CSL-011-04-A2	Q
14	2-CSL-011-04-A2	AC
15	2-CSL-011-04-A2	AB
16	2-CSL-011-04-A2	AT
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 2C-03-05L  
 4. ALL SUPPORTS PRECEDED BY 2CSL

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC, 2C-2-AJ  
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CSL

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

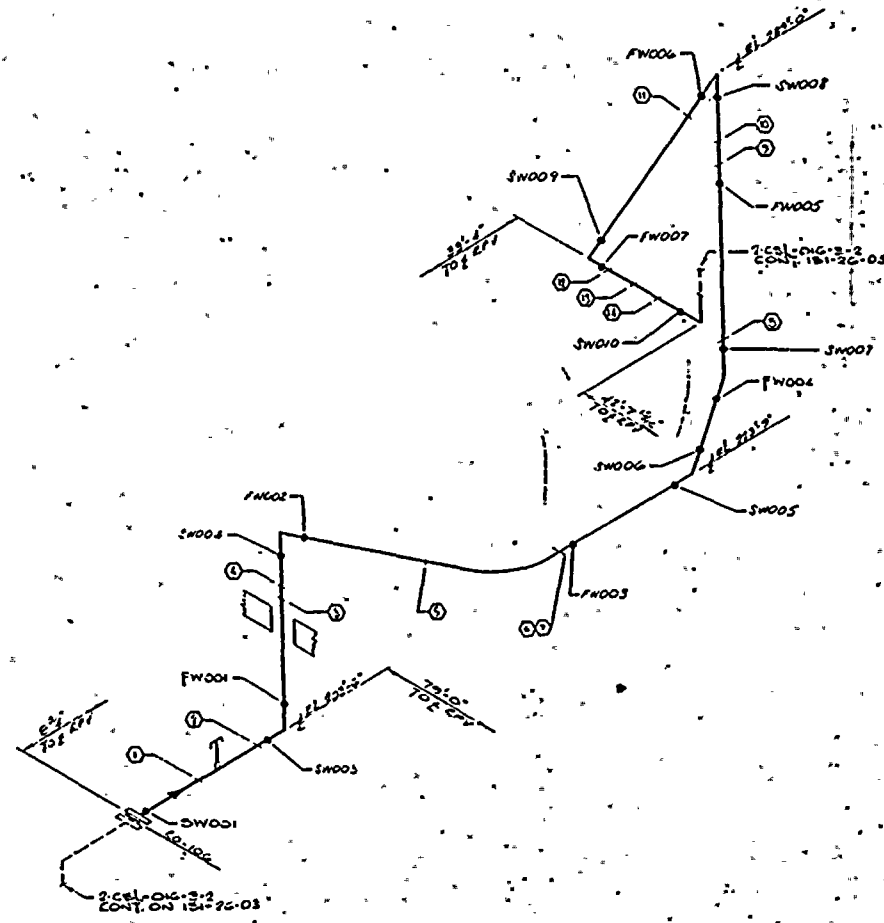
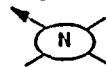
CLASS 2  
 DWG NO ISI-26-03

2	2/2/04	REVISED PER CR 56, 118, 220 & ISO 26-3-AJ	CH	GC
1	2/1/04	REVISED PER PSI PLAN UPDATE	LA	GC
0	7/2/03	SWC RELEASED FOR PRESERVICE INSPECTION	LA	GC

NO DATE REVISION BY CHKD APPR  
 DRAWN BY J. DAVID  
 CHKD BY J. DAVID







NO	PIPE SUPPORT	SZ NO.
1	FW001	AS
2	FW002	AS
3	FW003	AS
4	FW004	AS
5	FW005	AS
6	FW006	AS
7	SW001	AS
8	SW002	AS
9	SW003	AS
10	SW004	AS
11	SW005	AS
12	SW006	AS
13	SW007	AS
14	SW008	AS
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 26-04-CSL  
 4. ALL SUPPORTS PRECEDED BY 2CSL

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 26-4-1  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CSL

NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/04	REVISED PER INT-CR-36 ALSO ISO 26-4-1	J. DAVID	J. DAVID	J. DAVID
1	7/3/05	REVISED PER PSI PLAN UPDATE	J. DAVID	J. DAVID	J. DAVID
0	9/6/05	SWEC RELEASED FOR PRESERVICE INSPECTION	J. DAVID	J. DAVID	J. DAVID

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

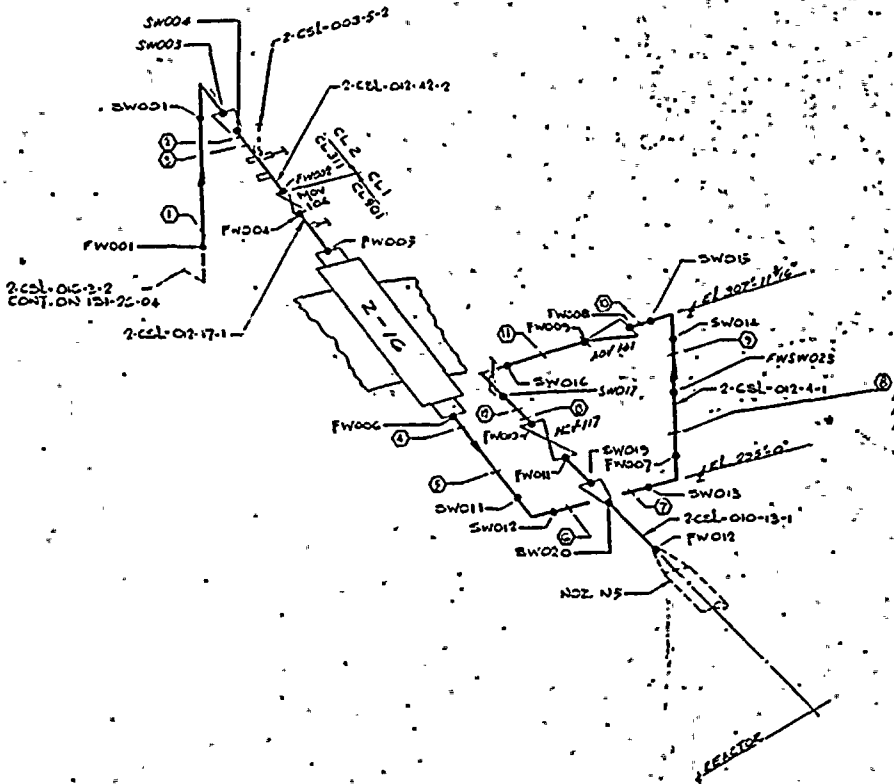
CLASS 2  
 DWG NO ISI-26-04

DRAWN BY: J. DAVID  
 CHKD BY: J. DAVID





NO	PIPE SUPPORT	BZ NO.
1	FW001	CG
2	FW002	CG
3	FW003	CC
4	FW004	CC
5	FW005	CC
6	FW006	B1
7	FW007	B1
8	FW008	B2
9	FW009	B2
10	FW010	B1
11	FW011	B1
12	FW012	FF
13	FW013	B1
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LEGEND

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

NOTES:

- 1 SCALE: NONE
  - 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
  - 3 ALL WELDS PRECEDED BY 2G-05-CSL
  - 4 ALL SUPPORTS PRECEDED BY 2CSL
- REFERENCES:  
 IIT GRINNELL INDUSTRIAL PIPING  
 - ISOMETRIC - 2G-5-W'  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CSL

NMP2  
 WELD & COMPONENT IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1 & 2  
 DWG NO ISI-26-05

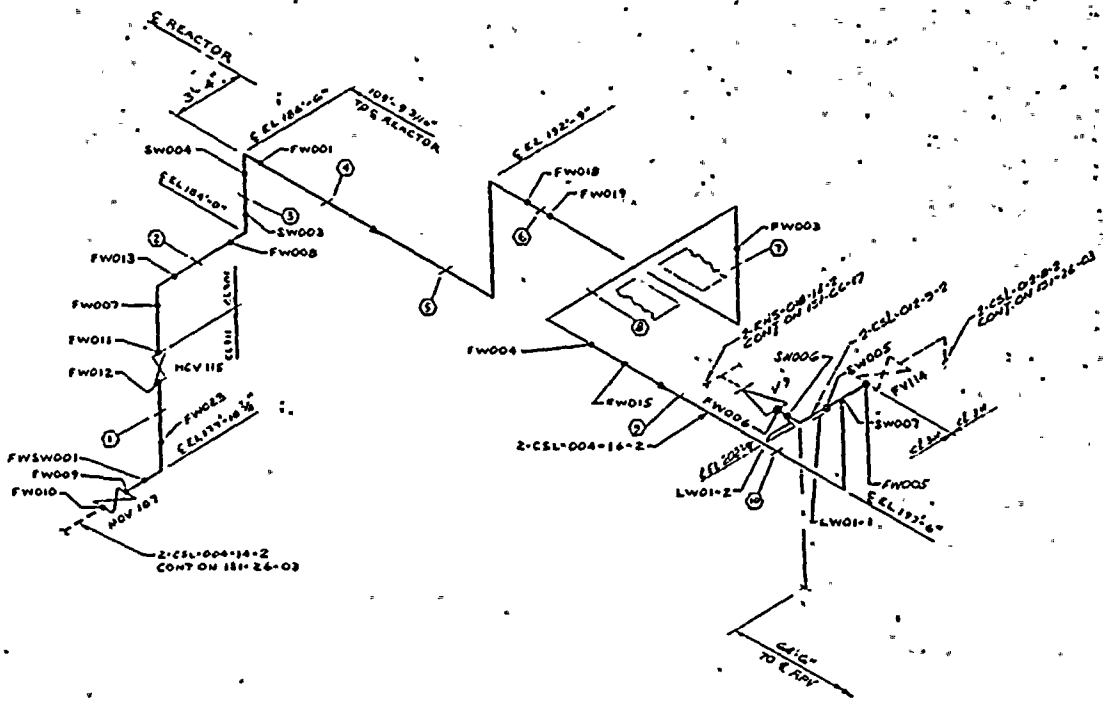
NO	DATE	REVISION	BY	CHKD	APPR
1	10/15/85	REVISED PER PSI PLAN UPDATE	LSL	YBN	
0	7/1/85	SWEC RELEASED FOR PRESERVICE INSPECTION	LSL	YBN	

DRAWN BY M. PRYOR  
 CHKD BY J. DAVIS





NO.	PIPE SUPPORT	BZ NO.
1	ZELLPS102TAL	AE-10300
2	PER05Y	BS
3	PER04	W
4	PER04F	K
5	PER04	Y
6	PER07	Z
7	PER08	AA
8	PER09	AB
9	PER020	AC
10	PER021	AD
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ◦ INDICATES NON-EXEMPT WELD

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 3 ALL WELDS PRECEDED BY 2C-06-CSL  
 4 ALL SUPPORTS PRECEDED BY 2CEL

**REFERENCES:**  
 ITI GRINNELL INDUSTRIAL PIPING ISOMETRIC 2C-G-V  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2CSL

NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/16	REVISED PER CR141, CR106, CR202, CR247 ALSO IM-CR-37 ALSO ISO 26-G-W	LD	DL	MD
1	9/21/15	REVISED PER PSI PLAN UPDATE	LD	SLH	DM
0	7/2/15	SWEC RELEASED FOR PRESERVICE INSPECTION	LD	GL	DM

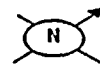
**NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM**

NIAGARA MOHAWK NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

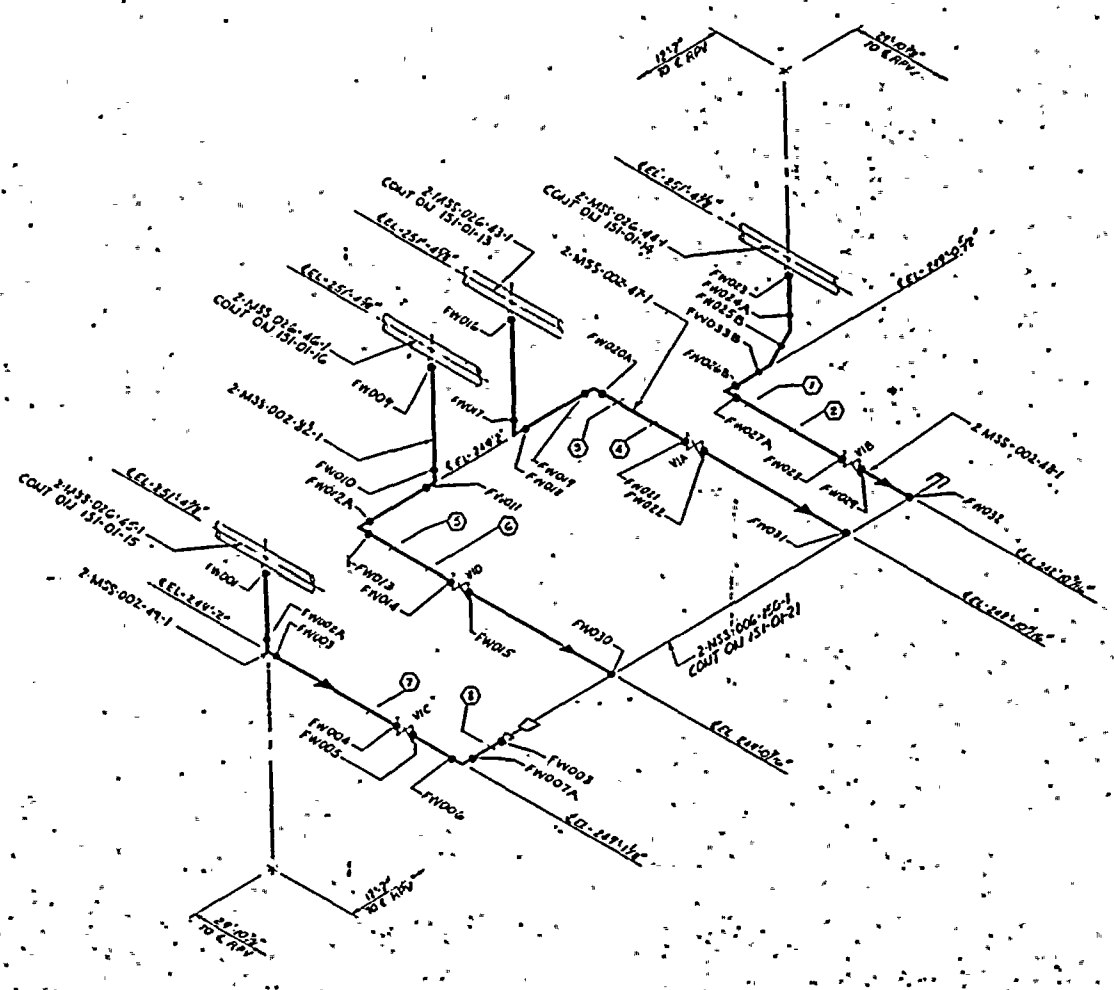
**CLASS 2  
DWG NO ISI-26-06**

DRAWN BY P. G. ROSE  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	EZ NO.
1	MSS 016-441	AI
2	MSS 002-471	AI
3	MSS 016-441	AI
4	MSS 016-441	AI
5	MSS 016-441	AI
6	MSS 016-441	AI
7	MSS 016-441	AI
8	MSS 016-441	AI
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LEGEND  
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 ● INDICATES NON-EXEMPT WELD

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 1 SCALE: NONE  
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 3 ALL WELDS PRECEDED BY MSS-047A  
 4 ALL SUPPORTS PRECEDED BY MSS

REFERENCES:  
 ITI GRINNELL INDUSTRIAL PIPING ISOMETRIC 4/A  
 ASME CONTROL Dwg 2-MSS-47-A-14

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/86	REVISED PER CR 1	LC	EW	MB
1	2/23/85	REVISED PER PSI PLAN UPDATE	LC	SLB	MB
0	1/23/85	SWEC RELEASED FOR PRESERVICE INSPECTION	LC	SLB	MB

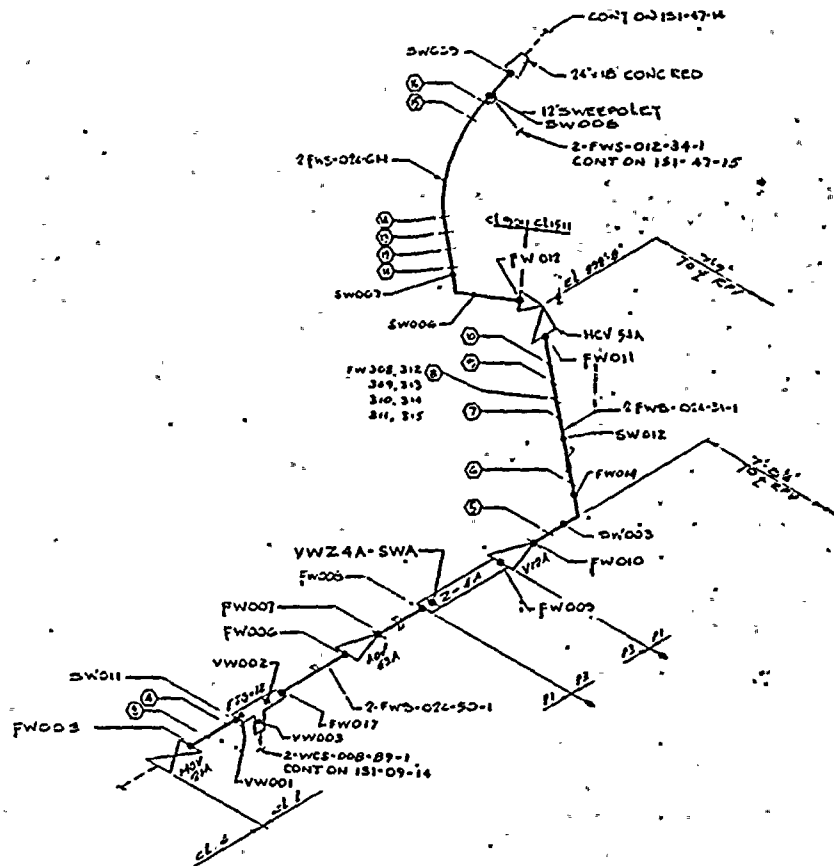
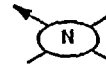
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1 MSS DRAINS LOOP A,B,C,D  
 DWG NO ISI-47-A

DRAWN BY J. ANSELMO  
 CHKD BY J. DAVID







NO.	PIPE SUPPORT	BZ NO.
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2		
3	2\"/>	

**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 47-13-FWS  
 4 ALL SUPPORTS PRECEDED BY 2FWS

**REFERENCES:**  
 1 ITI GRINNELL INDUSTRIAL PIPING ISOMETRIC 47-13-AB  
 2 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2FWS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/26/82	REVISED PER CR 104 & CR 240	W	W	W
1	7/15/82	REVISED PER PSI PLAN UPDATE	W	SLH	W
0	7/15/82	SWIC RELEASED FOR PRESERVICE INSPECTION	W	SLH	W

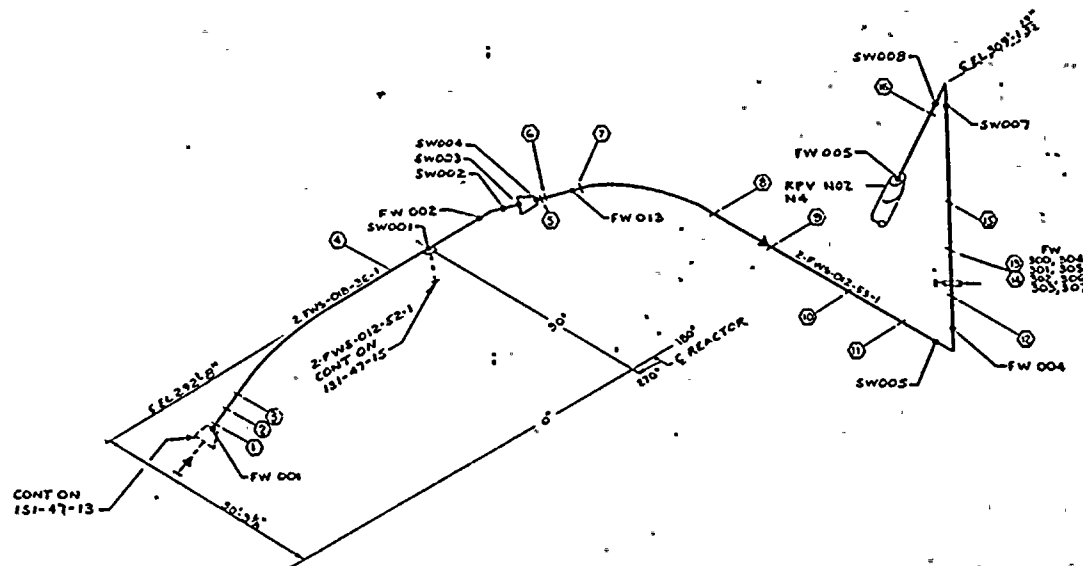
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION

CLASS I  
 DWG NO ISI-47-13  
 DRAWN BY J. P. COOPER  
 CHKD BY J. David





NO	PIPE SUPPORT	BZ NO
1	28WS-PSSP183 A1	02-17 MS
2	PSSP182	1 MR
3	PSSP181	1 MQ
4	PSSP180	1 MP
5	PSSP179	1 MN
6	PSSP178	1 MM
7	177	1 ML
8	176	1 ME
9	175	1 MD
10	PSSP174	1 MC
11	PSSP173	1 MB
12	172	1 MA
13	171	1 M9
14	170	1 M8
15	169	1 M7
16	PSSP162	1 M6
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**LEGEND**

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

**NOTES:**

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY 47-14-PWS
- 4 ALL SUPPORTS PRECEDED BY 2 FWS

**REFERENCES:**

- 171 GRINNELL INDUSTRIAL PIPING ISOMETRIC 47-16-M
- ASME CONTROL Dwg N/A

CONT ON  
ISI-47-13

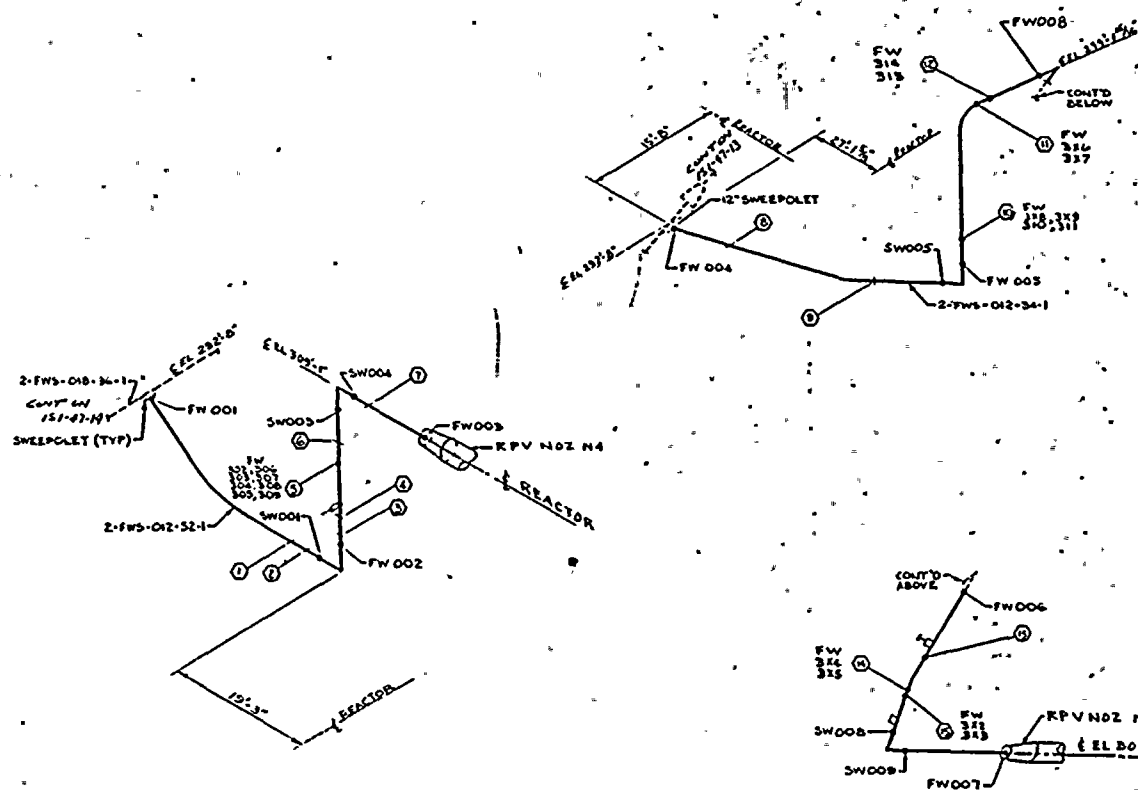
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
ALL VALVES & EQUIPMENT NUMBERS PRECEDED BY 2FWS

2	7/27/06	REVISED PER ISO 47-14-M	W	DL	W
1	7/11/06	REVISED PER PSI PLAN UPDATE	W	SLA	W
0	7/11/06	SWEC RELEASED FOR PRESERVICE INSPECTION	W	SLA	W
NO	DATE	REVISION	BY	CHKD	APPR

NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

CLASS 1  
DWG NO ISI-47-14  
DRAWN BY W. STEWART  
CHKD BY J. DAVID





NO	PIPE SUPPORT	82 NO.
1	27WS-PSSP-192-A1	82-171C
2		193
3		195
4		196
5		197
6		198
7	PSSM-193	21
8	PSSP-204	PP
9	PSSP-200	2K
10	PSSM-201	2L
11	PSSP-203	2M
12		202
13		201
14		202
15		201
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**LEGEND**

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

**NOTES:**

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY 47-15-FWS
- 4 ALL SUPPORTS PRECEDED BY 2FWS

**REFERENCES:**

- ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 47-15-L
- ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2FWS

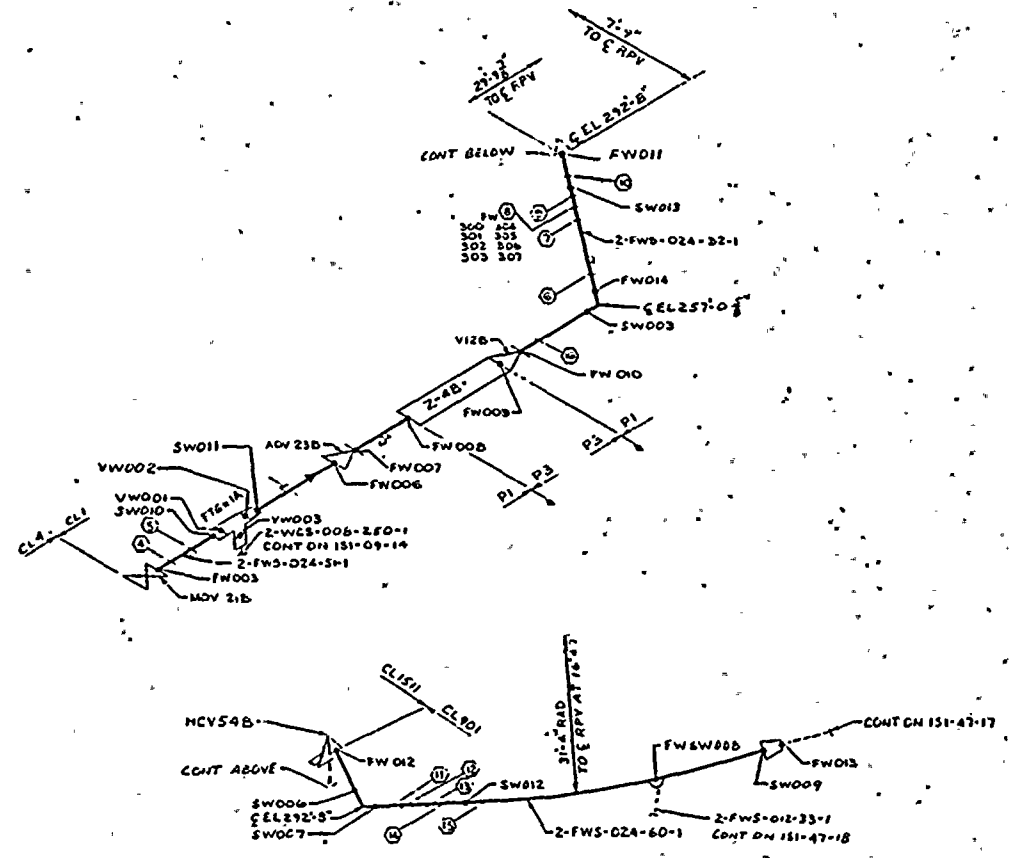
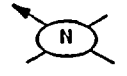
NO	DATE	REVISION	BY	CHKD	APPR
2	7/11/84	REVISED PER ISO 47-15-L	WJ	LL	WJ
1	7/11/84	REVISED PER PSI PLAN UPDATE	WJ	LL	WJ
0	7/1/85	SWC RELEASED FOR PRESERVICE INSPECTION 1	WJ	LL	WJ

NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

CLASS 1  
DWG NO ISI 47-15

DRAWN BY W. STEWART  
CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1		
2		
3		
4	21-FW011-033A1	B1-07 B7
5	PSSM 045-1	BY
6	PSSM 055-1	PA
7	PSSM 133-1	KA
8	PSSP 232-1	K1
9	PSSM 233-1	K3
10	PSSP 230	KA
11	PSSM 229	KA
12	PSSP 220	CP
13	FT7	KA
14	221	KA
15	223	KA
16	PSSM 067-1	PA
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 47-15-FWS  
 4. ALL SUPPORTS PRECEDED BY 2FWS

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 47-16-AC  
 ASME CONTROL DWG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2FWS

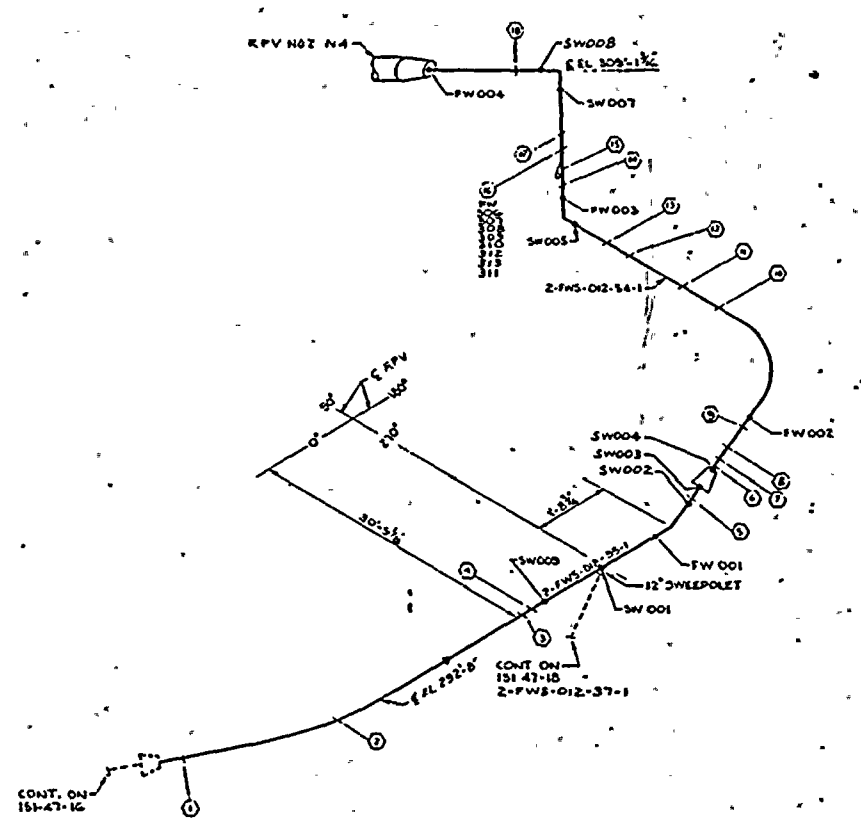
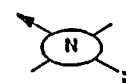
NO.	DATE	REVISION	BY	CHKD	APPR
2	7/1/04	REVISED PER CR104	6	AT	AN
1	7/1/04	REVISED PER PSI PLAN UPDATE	6	AT	AN
0	7/1/04	SWEE RELEASED FOR PRESERVICE INSPECTION	6	AT	AN

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1  
 DWG NO ISI-47-16  
 DRAWN BY VL STEWART  
 CHKD BY J. DAVID







NO	PIPE SUPPORT	WELD NO
1	2-FWS-P15P-220A1	22-17AK
2	P15P223	WJ
3	P15P222	WM
4	P15P221	WG
5	P15P220	WH
6	P15P219	WI
7	P15P218	WJ
8	P15P217	WK
9	P15P216	WL
10	P15P215	WM
11	P15P214	WN
12	P15P213	WO
13	P15P212	WP
14	P15P211	WQ
15	P15P210	WR
16	P15P209	WS
17	P15P208	WT
18	P15P207	WU
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 47-17-FWS  
 4. ALL SUPPORTS PRECEDED BY 2-FWS

**REFERENCES:**  
 1. ITT GRINNELL INDUSTRIAL PIPING ISOMETRAC 47-17-M  
 ASME CONTROL Dwg N/A

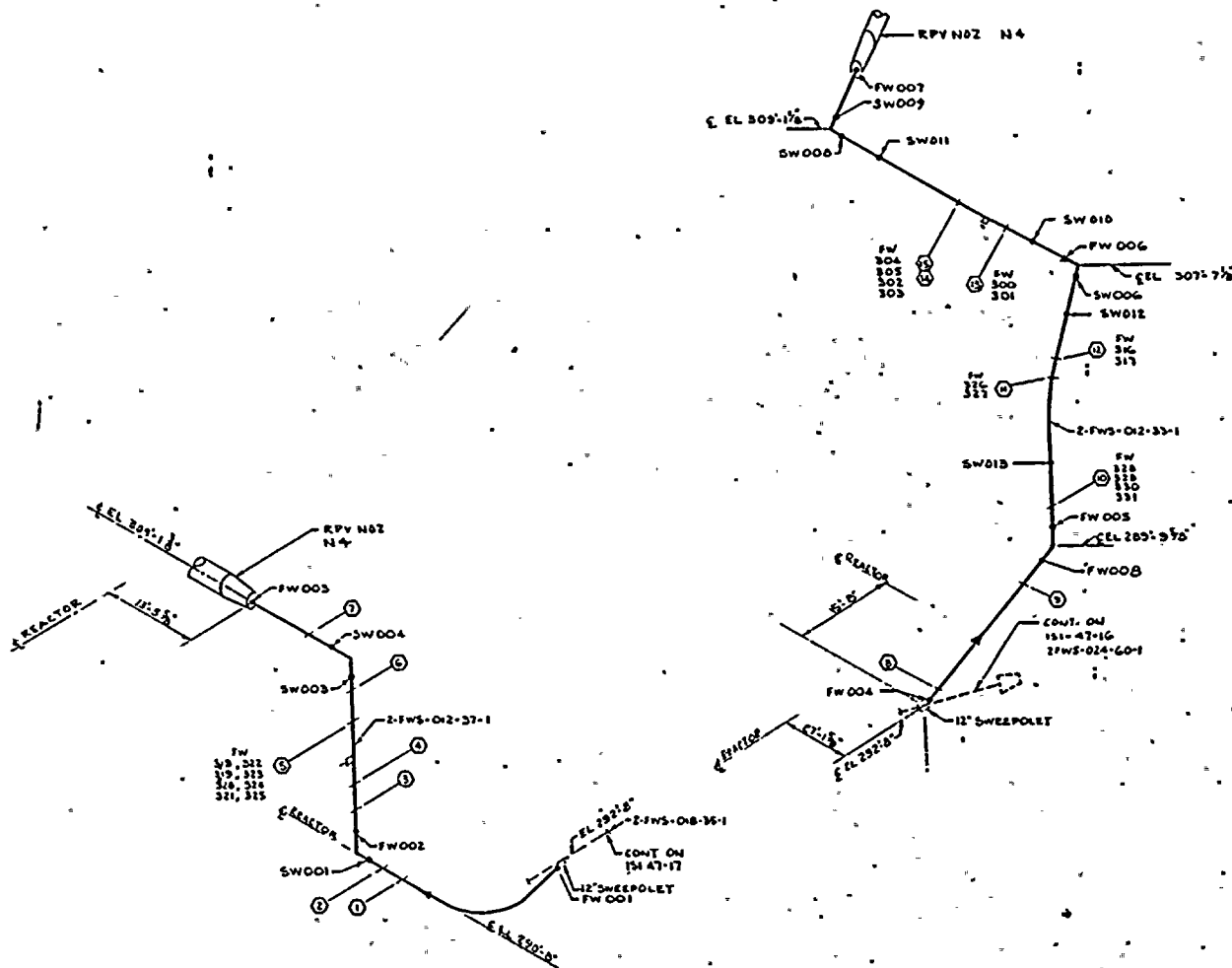
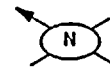
CONT. ON 154-47-16

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES & EQUIPMENT NUMBERS PRECEDED BY 2-FWS

NO	DATE	REVISION	BY	CHKD	APPR
2	2/24/66	REVISED PER INT-CR-50	LD	DA	WJD
1	4/15/65	REVISED PER PSI PLAN UPDATE	LD	SEL	WJD
0	4/15/65	SWEC RELEASED FOR PRESERVICE INSPECTION	LD	SEL	WJD

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION  
 CLASS 1  
 DWG NO ISI 47-17  
 DRAWN BY W. STEWART  
 CHD BY J. DAVID





NO	PIPE SUPPORT	BZ NO.
1	2-FWS-013P-235-A	BZ-FW-KW
2	234	KV
3	236	KX
4	237	KY
5	238	KZ
6	239	LA
7	240	LB
8	241	LC
9	242	LD
10	243	LE
11	244	LF
12	245	LG
13	246	LH
14	247	LI
15	248	LJ
16	249	LK
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN

3 ALL WELDS PRECEDED BY 47-18-FWS  
 4 ALL SUPPORTS PRECEDED BY 2FWS

REFERENCES:  
 1 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 47-18-J  
 ASME CONTROL Dwg N/A

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

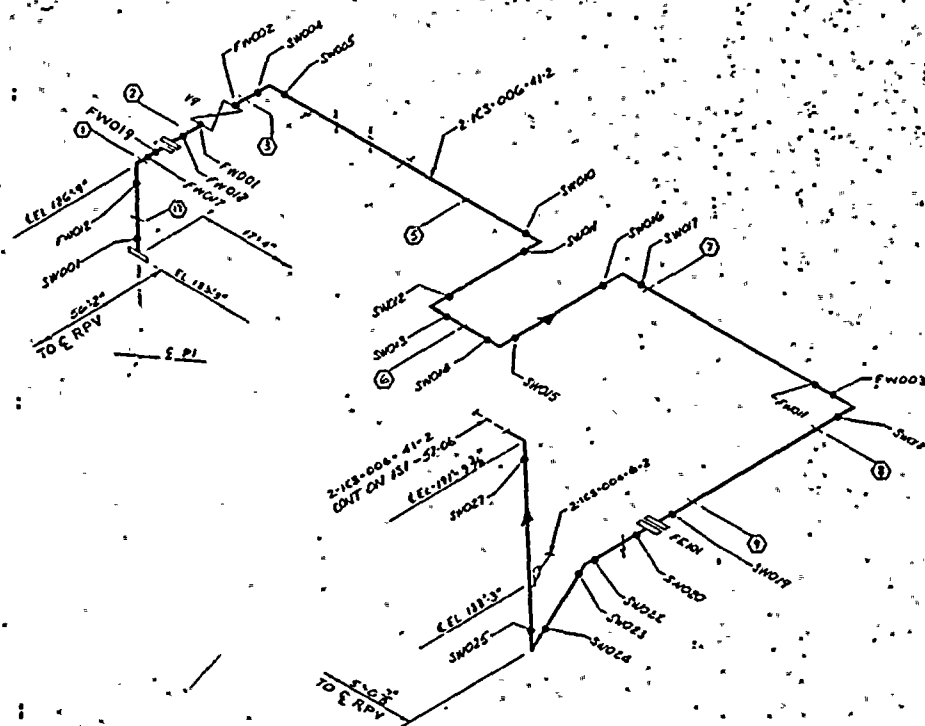
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2FWS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/1/84	REVISED PER INF-CR-38	W	DI	MS
1	2/23/84	REVISED PER PSI PLAN UPDATE	W	SLK	DM
0	7/6/83	SWEC RELEASED FOR PRESERVICE INSPECTION	W	SLK	DM
NO			BY	CHKD	APPR

CLASS 1  
 DWG NO ISI-47-18

DRAWN BY W STEVART  
 CHKD BY J DAVID





NO	PIPE SUPPORT	SZ NO.
1	2KS PIP 212 AT	02-212CV
2	PIH 190	AS
3	PIH 204	BA
4		
5	PIH 191	AT
6	PIH 197	AR
7	PIH 192	AU
8	PIH 234	CP
9	PIA 205	BR
10		
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17	2KS PIP 230 AR	02-230CU
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPIC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 57-05-1CS  
 4. ALL SUPPORTS PRECEDED BY 21CS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 57-514  
 ASME CONTROL Dwg 14A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 21CS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/21/86	REVISED PER CR 133 ALSO INF-CR-23	W	DE	MM
1	7/21/85	REVISED PER PSI PLAN UPDATE	W	SH	RM
0	7/25/85	SWIC RELEASED FOR PRESERVICE INSPECTION	W	SH	RM

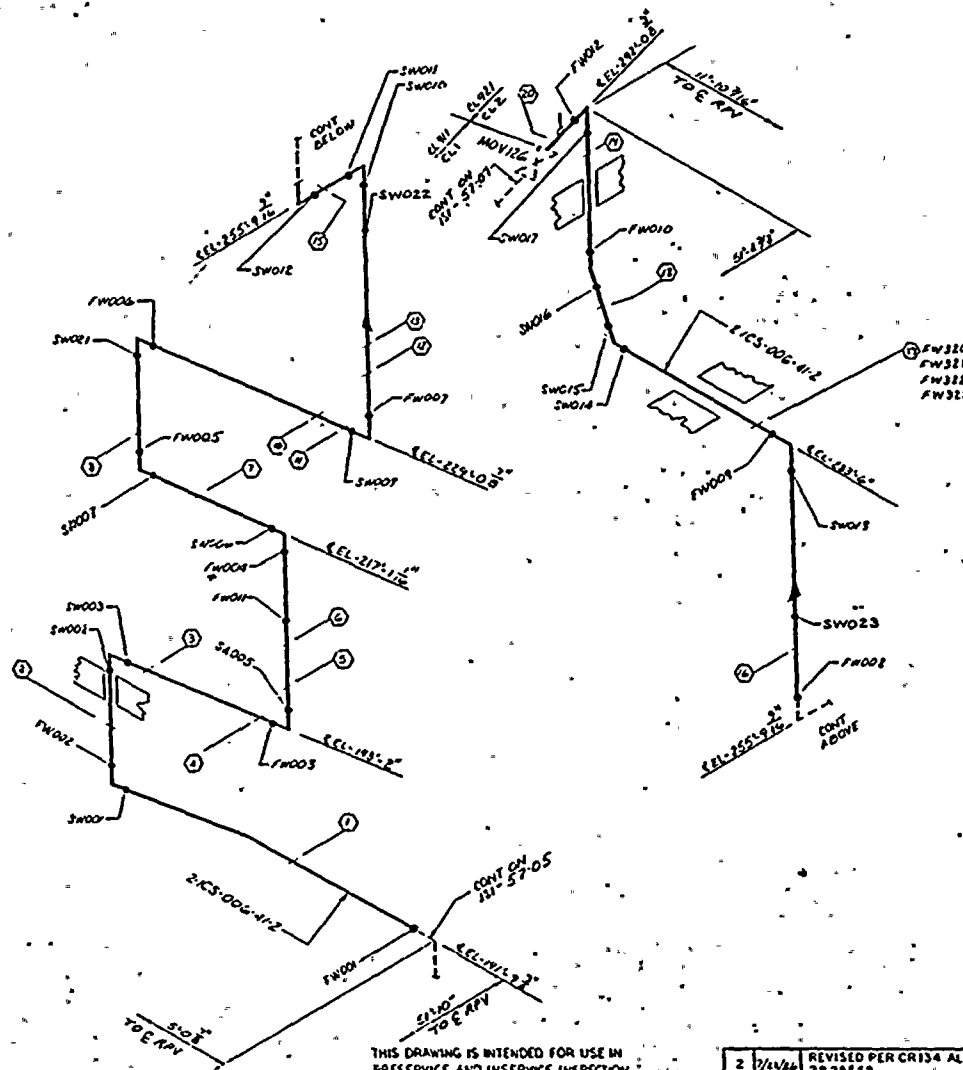
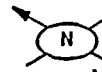
**NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**

NINE MILE POINT NUCLEAR STATION — UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2      1  
 DWG NO ISI-57-05

DRAWN BY S. ANSELMO  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BZ NO.
1	PSA 112 A7	AP 22 AM
2	PSA 256 A	DK
3	PSM 112	AM
4	PSY 111	AG
5	PSA 115	LJ
6	PSA 112	DM
7	PSA 113	AJ
8	PSA 251	LG
9		
10	PSY 249	DE
11	PSM 014	AF
12	PSY 248	LO
13	PSY 247	DO
14		
15	PSM 012	AI
16	PSA 115	DA
17	PSA 251	FA
18	PSM 271	FO
19	PSM 270	FC
20	PSY 247	FA
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**LEGEND**

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

**NOTES:**

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY 57-06-1CS
- 4 ALL SUPPORTS PRECEDED BY 2/CS

**REFERENCES:**

- 1 ITT GRINNELL INDUSTRIAL PIPING
- 2 ISOMETRIC 57-6-N
- 3 ASME CONTROL DNG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2/CS

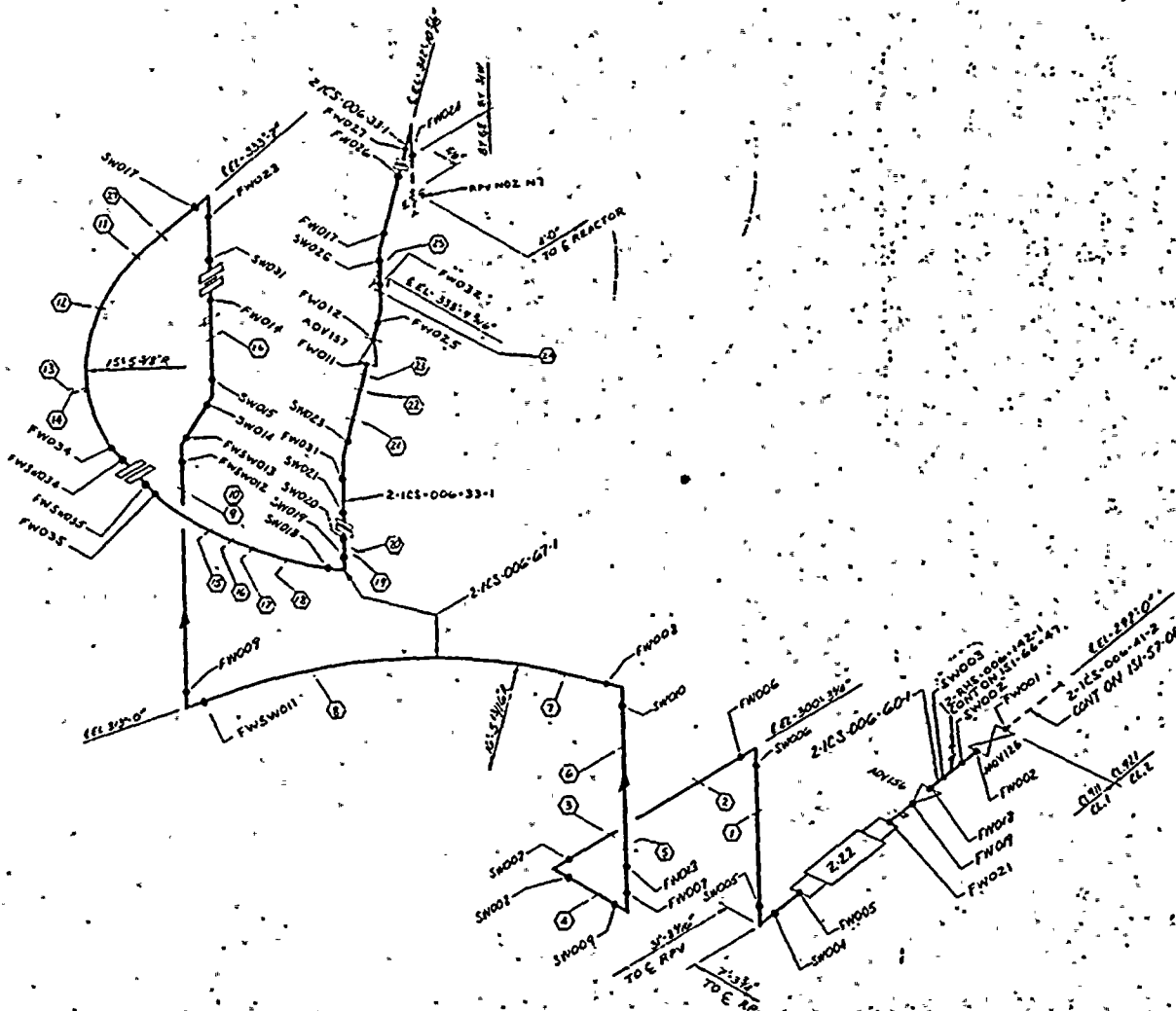
NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/84	REVISED PER CR134 ALSO HW-CR-122627, 28,29,32	LJ	DM	MSI
1	5/21/83	REVISED PER PSA PLAN UPDATE	LJ	SLH	JM
0	7/15/85	SWEC RELEASED FOR PRESERVICE INSPECTION	LJ	SLH	TBY

**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 2**  
**DWG NO ISI-57-06**  
 DRAWN BY J. ANSELMO  
 CHKD BY J. DAVID







NO.	PIPE SUPPORT	BZ NO.
1	2-1CS-006-33-1	18276 CW
2	PSIP 211	1F
3	PSIP 212	1F
4	PSIP 213	1F
5	PSIP 214	1F
6	PSIP 215	1F
7	PSIP 216	1F
8	PSIP 217	1F
9	PSIP 218	1F
10	PSIP 219	1F
11	PSIP 220	1F
12	PSIP 221	1F
13	PSIP 222	1F
14	PSIP 223	1F
15	PSIP 224	1F
16	PSIP 225	1F
17	PSIP 226	1F
18	PSIP 227	1F
19	PSIP 228	1F
20	PSIP 229	1F
21	PSIP 230	1F
22	PSIP 231	1F
23	PSIP 232	1F
24	PSIP 233	1F
25	PSIP 234	1F
26	PSIP 235	1F
27	2-1CS-006-41-2	NIA
28	2-1CS-006-41-1	18276 CW
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 57-07-1CS  
 4. ALL SUPPORTS PRECEDED BY 2-1CS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 57-7-AD  
 ASME CONTROL Dwg 1/14

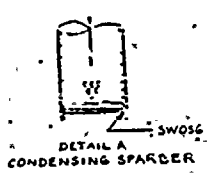
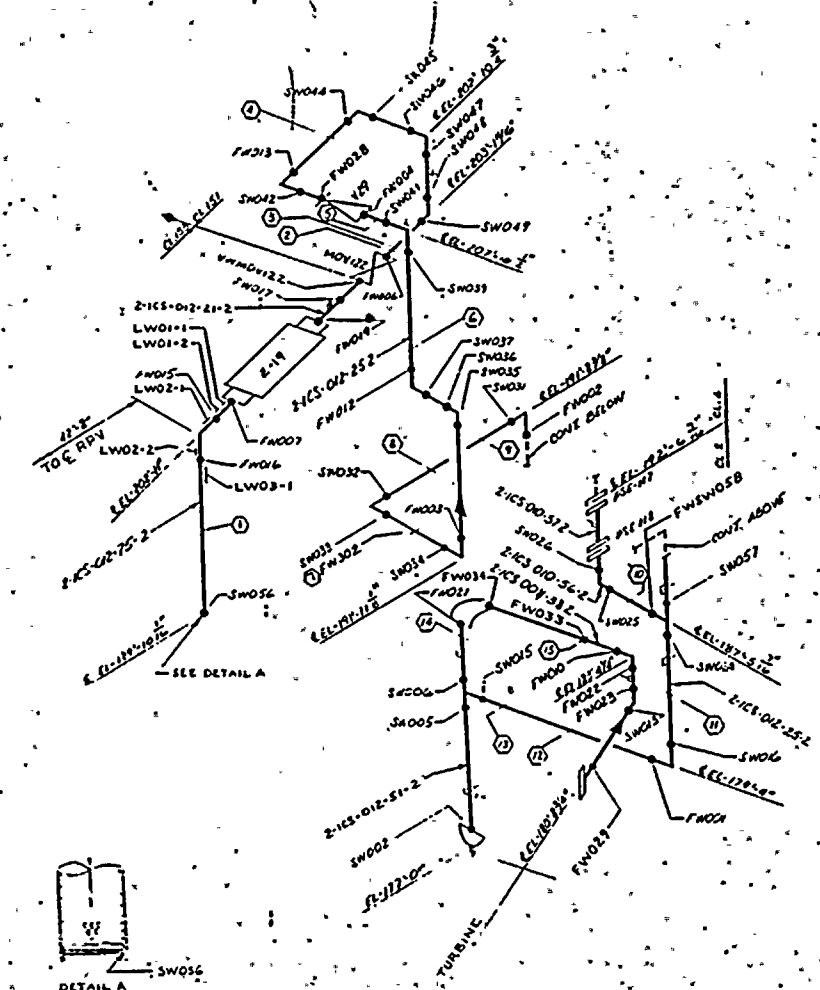
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-1CS

NO.	DATE	REVISION	BY	CHKD	APPR
2	7/24/61	REVISED PER CR 17 THRU 24, 35, 70 & INF-CR 18, 30, 51	SL	SL	SL
1	9/1/55	REVISED PER PSI PLAN UPDATE	SL	SL	SL
0	7/5/55	SWEC RELEASED FOR PRESERVICE INSPECTION	SL	SL	SL

**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1E2  
 DWG NO ISI-57-07  
 DRAWN BY S ANSELMO  
 CHKD BY J DAVIS





NO.	PIPE SUPPORT	BZ NO.
1	2-ICS-012-21-2	AD
2	2-ICS-012-25-2	AD
3	2-ICS-012-25-2	AD
4	2-ICS-012-25-2	AD
5	2-ICS-012-25-2	AD
6	2-ICS-012-25-2	AD
7	2-ICS-012-25-2	AD
8	2-ICS-012-25-2	AD
9	2-ICS-012-25-2	AD
10	2-ICS-012-25-2	AD
11	2-ICS-012-25-2	AD
12	2-ICS-012-25-2	AD
13	2-ICS-012-25-2	AD
14	2-ICS-012-25-2	AD
15	2-ICS-012-25-2	AD
16	2-ICS-012-25-2	AD
17	2-ICS-012-25-2	AD
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35	2-ICS-012-25-2	AD
36	2-ICS-012-25-2	AD

**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 57-08-1CS  
 4 ALL SUPPORTS PRECEDED BY 2/CS

**REFERENCES:**  
 ITI GRINNELL INDUSTRIAL PIPING ISOMETRIC 57-8-AE  
 ASME CONTROL DWG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2/CS

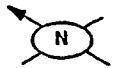
NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/86	REVISED PER CR 57,58,61 135E ISO 57-6-AE	LD	DL	MD
1	7/15/85	REVISED PER PSI PLAN UPDATE	LD	DL	MD
0	7/5/85	SWEC RELEASED FOR PRESERVICE INSPECTION	LD	DL	MD

NMP2  
**WELD & COMPONENT IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

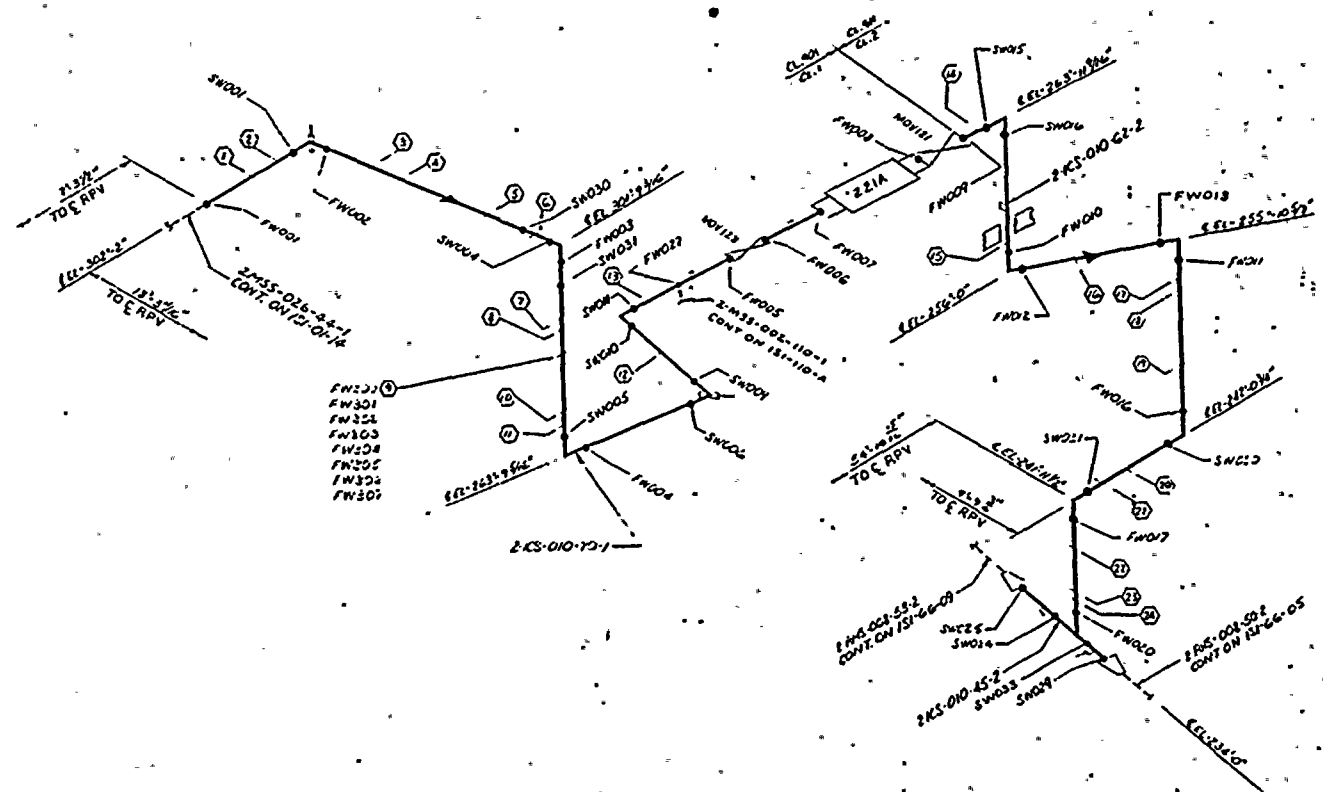
**CLASS 2**  
 DWG NO ISI-57-08

DRAWN BY J. ANSELMO  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	SIZE NO.
1	PSSP 261	05
2	PSSP 262	07
3	PSSP 263	09
4	PSSP 264	09
5	PSSP 265	09
6	PSSP 266	09
7	PSSP 267	09
8	PSSP 268	09
9	PSSP 269	09
10	PSSP 270	09
11	PSSP 271	09
12	PSSP 272	09
13	PSSP 273	09
14	PSSP 274	09
15	PSSP 275	09
16	PSSP 276	09
17	PSSP 277	09
18	PSSP 278	09
19	PSSP 279	09
20	PSSP 280	09
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22	PSSP 282	09
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25	PSSP 285	09
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 57-09-1CS  
 4. ALL SUPPORTS PRECEDED BY 21CS

**REFERENCES:**  
 1. ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 57-9-AD  
 2. ASME CONTROL DNG N/A

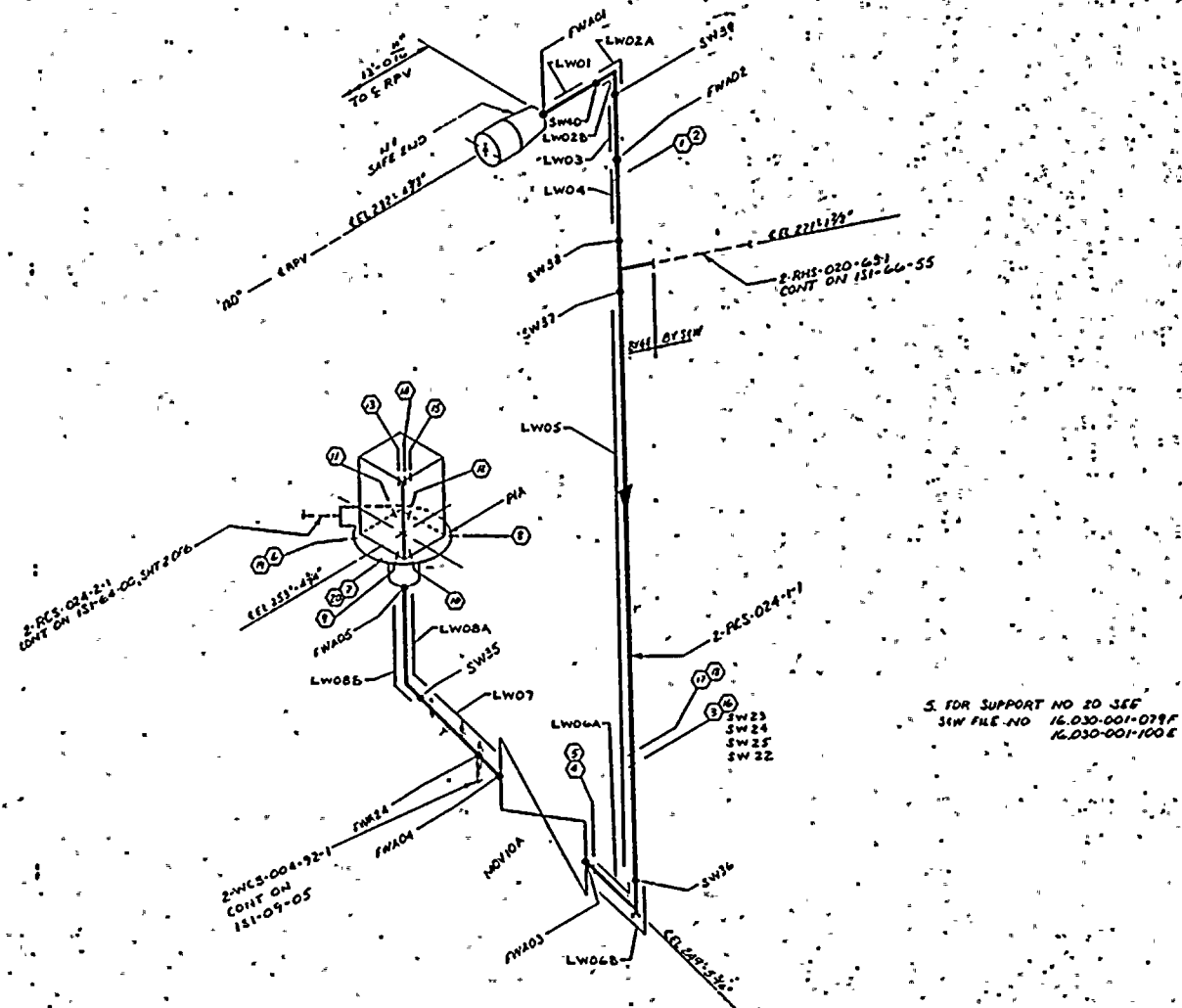
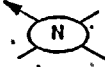
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 21CSA

NO	DATE	REVISION	BY	CHKD	APPR
2	7/25/84	REVISED PER CR136 E ISO 57-9-AD	LD	DT	MAN
1	4/21/84	REVISED PER PSI PLAN UPDATE	LD	DT	TR
0	7/6/84	SWEC RELEASED FOR PRESERVICE INSPECTION	LD	DT	BN

NMP2  
**WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS: 112  
 DWG NO: ISI-57-09  
 DRAWN BY: S. ANSELMO  
 CHKD BY: J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	PS1001	AD
2	PS1002	AD
3	PS1003	AD
4	PS1004	AD
5	PS1005	AD
6	PS1006	AD
7	PS1007	AD
8	PS1008	AD
9	PS1009	AD
10	PS1010	AD
11	PS1011	AD
12	PS1012	AD
13	PS1013	AD
14	PS1014	AD
15	PS1015	AD
16	PS1016	AD
17	PS1017	AD
18	PS1018	AD
19	PS1019	AD
20	RAE	NOTE 5
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ◐ INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 64-00-RCS  
 4. ALL SUPPORTS PRECEDED BY 2RCS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL DWG N/A  
 SEW FILE NO 16.030-001-0517,0596  
 16.030-001-0786

S. FOR SUPPORT NO 20 SEE  
 SEW FILE NO 16.030-001-079F  
 16.030-001-100E

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2RCS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/27/84	REVISED PER CR 99 AND CR 106	JK	OK	JK
1	9/2/85	REVISED PER PSI PLAN UPDATE	JK	JK	JK
0	2/17/85	SWCS RELEASED FOR PRESERVICE INSPECTION	JK	JK	JK

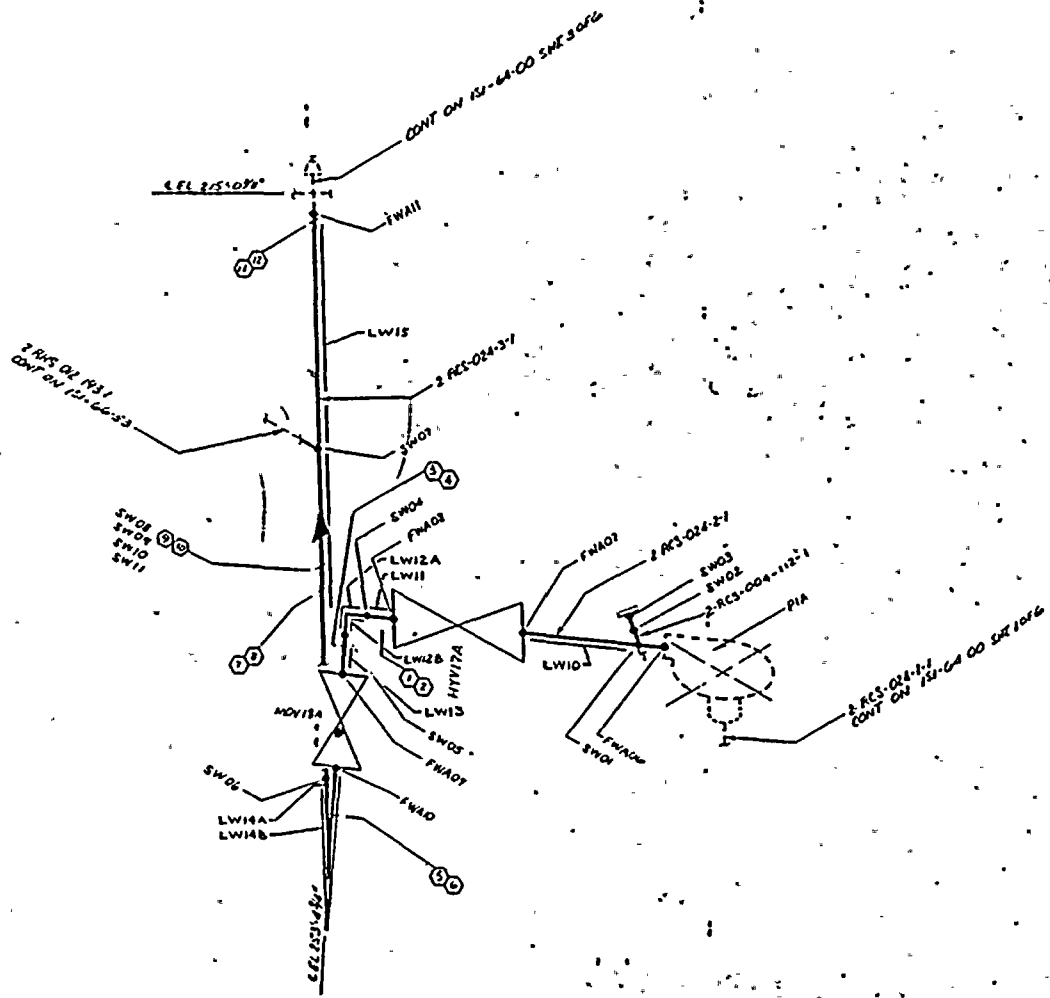
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1  
 DWG NO 151-64-00 SHEET 1 OF 6

DRAWN BY S ANSELMO  
 CHKD BY J DAVID







NO.	PIPE SUPPORT	BZ NO
1	PCS P5P047 W	BZ 20AA
2	P5P053	AA
3	P5P018	M
4	P5P047	Y
5	P5P047	N
6	P5P057	N
7	P5P023	P
8	P5P028	P
9	P5P001	M
10	P5P002	N
11	P5P037	Q
12	P5P022	Q
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 \* - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 64-00-PCS  
 4 ALL SUPPORTS PRECEDED BY 2PCS

**REFERENCES:**  
 1 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL Dwg N/A  
 SEW FILE NO 16.030-001-0517, 0596  
 16.030-001-0789

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2PCS

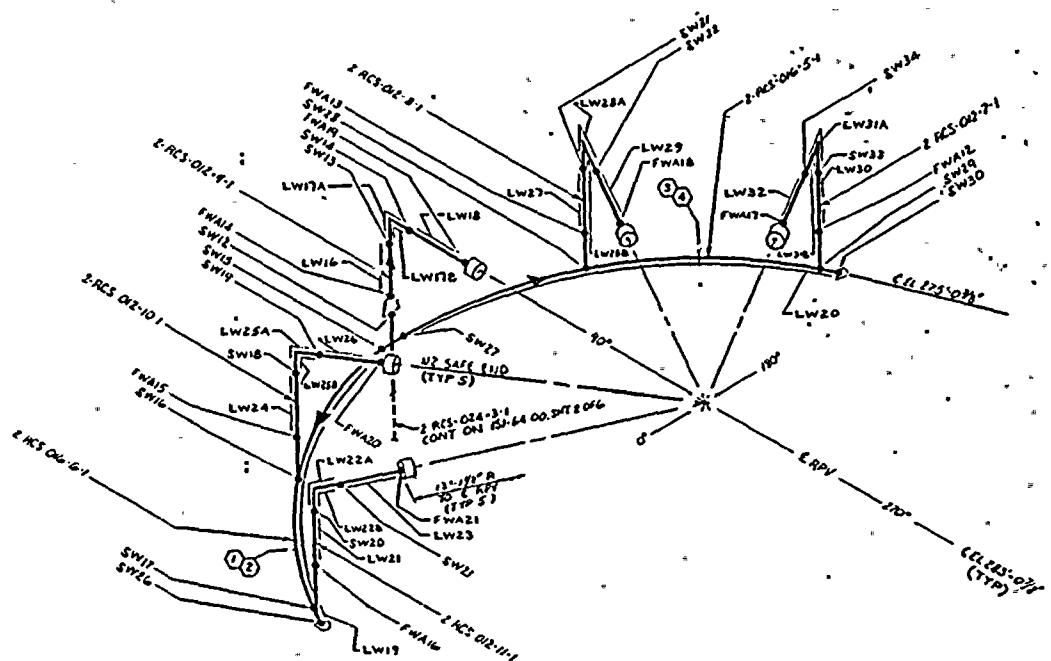
NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/86	REVISED PER CR99 AND CR106	LD	CH	WJH
1	7/15/85	REVISED PER PSI PLAN UPDATE	LD	SLA	WJH
0	7/15/85	SWC RELEASED FOR PRESERVICE INSPECTION	LD	SLA	WJH

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1  
 DWG NO ISI-64-00 SHEET 2 OF 6

DRAWN BY: ANSELMO  
 CHKD BY: J. DAVID





NO	PIPE SUPPORT	BZ NO.
1	2 RCS 02-3-1	02709
2	2 RCS 02-4-1	
3	2 RCS 02-7-1	
4	2 RCS 02-10-1	
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD  
**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 64-00-RCS  
 4. ALL SUPPORTS PRECEDED BY 2RCS  
**REFERENCES:**  
 TTT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL DNG N/A  
 SEW FILE NO 16-030-001-0581  
 16-030-001-0786

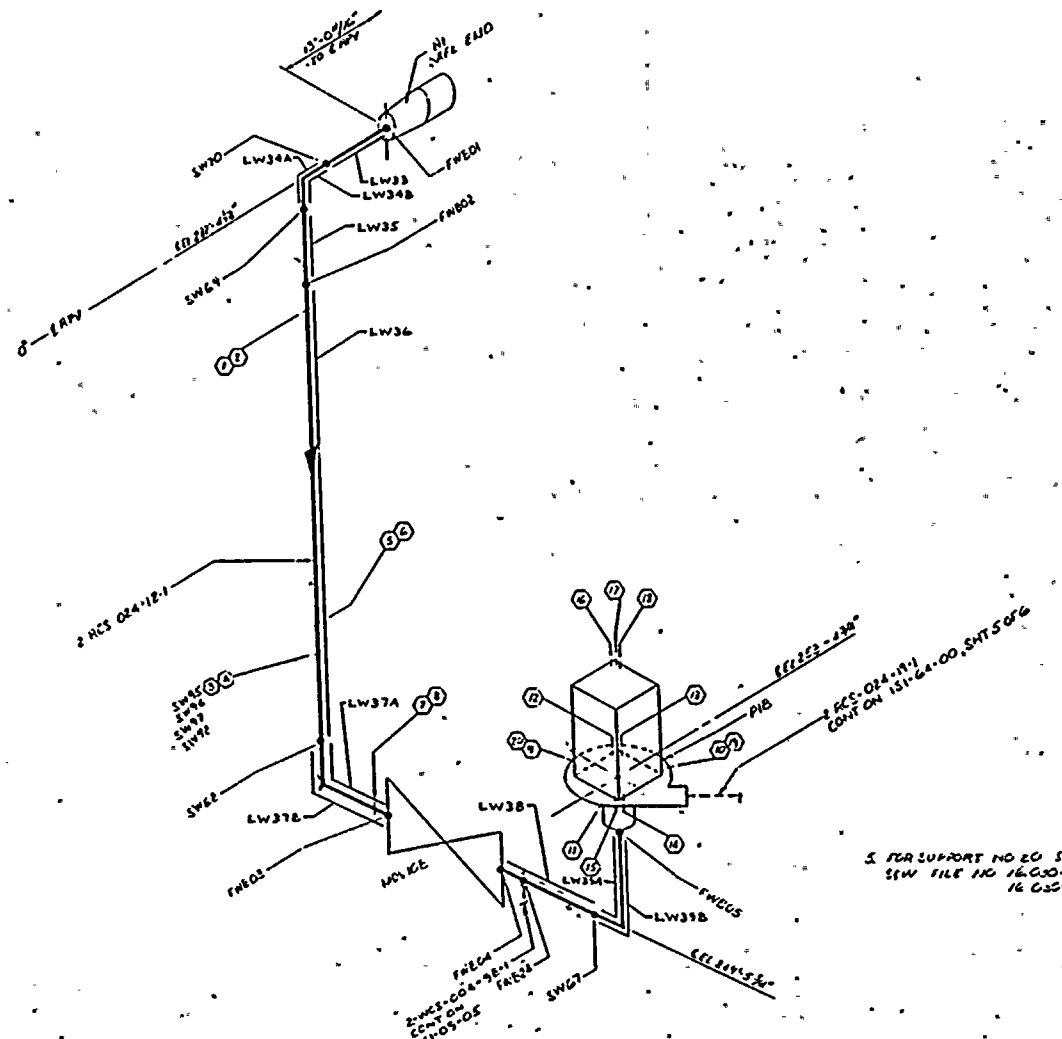
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2RCS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/21/84	REVISED PER CR 99, CR106 & CR 258	LD	LD	LD
1	11/1/83	REVISED PER PSI PLAN UPDATE	LD	SLA	LD
0	10/1/83	SWEC RELEASED FOR PRESERVICE INSPECTION	LD	SLA	LD
NO					

**NMP2**  
**WELD & COMPONENT IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 1**  
 DWG NO ISI-64-00 SHEET 3 OF 6  
 DRAWN BY J. ANSELMO  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BZ NO
1	PSSP01A	Q
2	PSSP01B	Q
3	PSSP01C	J
4	PSSP01D	J
5	PSSP01E	P
6	PSSP01F	P
7	PSSP01G	AC
8	PSSP01H	AC
9	PSSP01I	U
10	PSSP01J	W
11	PSSP01K	S
12	PSSP01L	I
13	PSSP01M	I
14	PSSP01N	I
15	PSSP01O	I
16	PSSP01P	AM
17	PSSP01Q	AM
18	PSSP01R	AP
19	PSSP01S	AE
20	ABZ	NOTE 5
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 64-00-RCS  
 4. ALL SUPPORTS PRECEDED BY 2ACS

**REFERENCES:**  
 ITT CRINWELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL DAG N/A

- SHIP FILE NO 16.030-001-0517.059G  
 16.030-001-078G

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2ACS

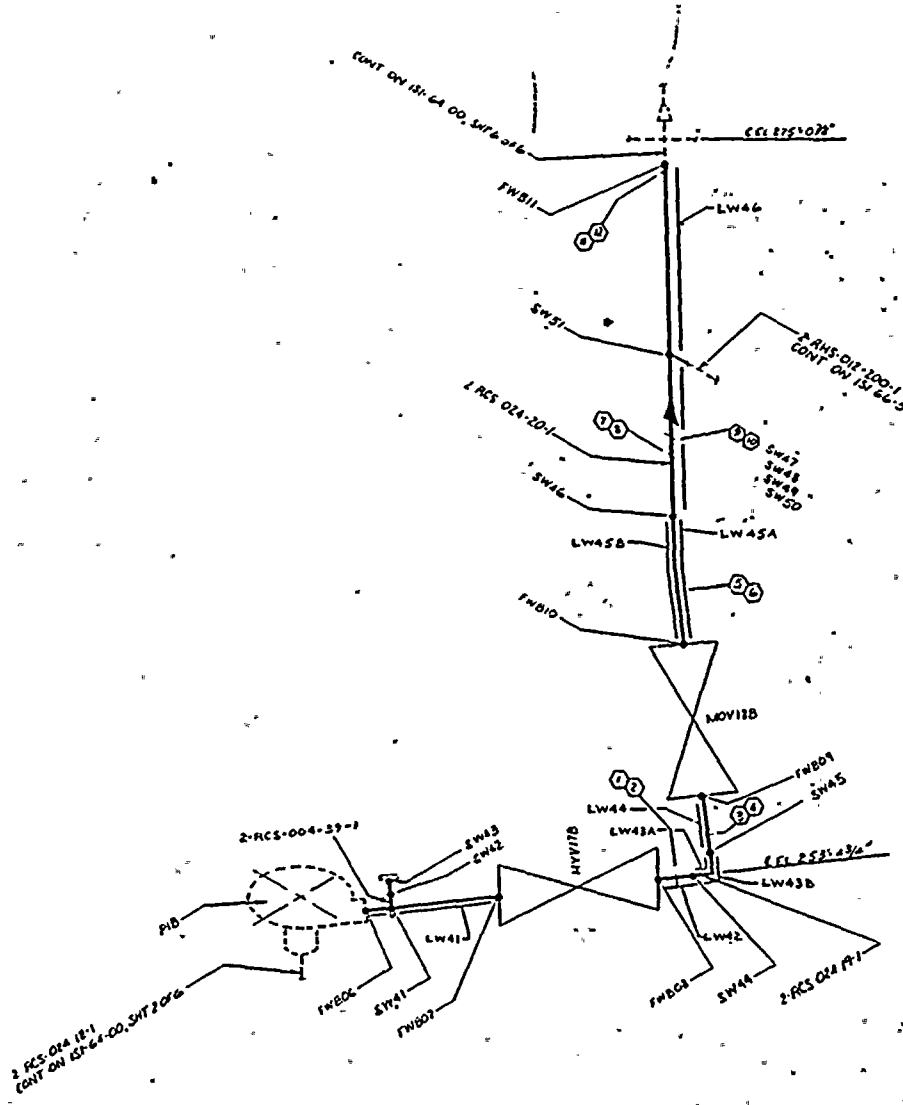
NO	DATE	REVISION	BY	CHKD	APPR
2	7/27/88	REVISED PER CR 99 E CR106			
1	7/3/88	REVISED PER PSI PLAN UPDATE			
0	7/18/85	SWEC RELEASED FOR PRESERVICE INSPECTION			

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1  
 DWG NO ISI-64-00 SHEET 4 OF 6

DRAWN BY J ANSELMO  
 CHKD BY J DAVID





NO	PIPE SUPPORT	BZ NO
1	2RCS P1/P2/4/1	02704A
2	PSSP050	4A
3	PSSP048	7
4	PSSP047	4A
5	PSSP020	N
6	PSSP052	N
7	PSSP027	P
8	PSSP028	P
9	PSSP007	N
10	PSSP008	N
11	PSSP055	Q
12	PSSP036	Q
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LEGEND

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

NOTES:

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY 64-00-RCS
- 4 ALL SUPPORTS PRECEDED BY 2RCS

REFERENCES:

- ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A
- ASME CONTROL DAG N/A

31W FILE NO 16.030-001-0583,0596  
16.030-001-0789

NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

CLASS I  
DWG NO ISI-64-00 SHEET 5 OF 6

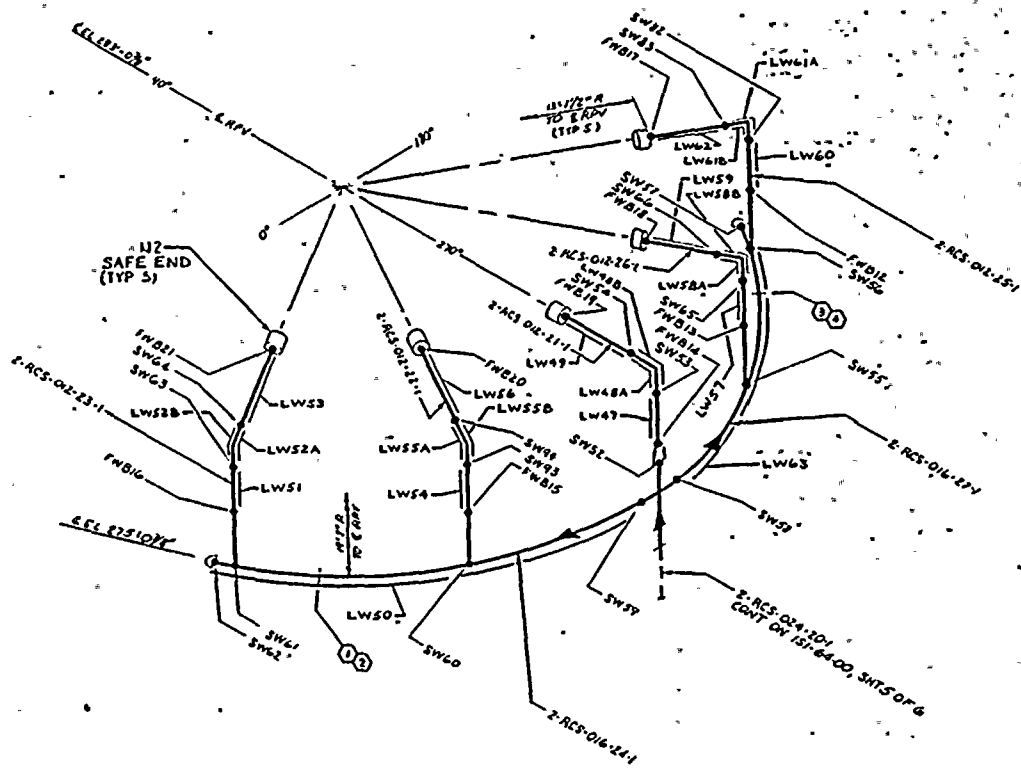
DRAWN BY S. ANSELMO  
CHKD BY J. DAVID

NO	DATE	REVISION	BY	CHKD	APPR
2	7/1/96	REVISED PER CR 99 E CR100	LS	AS	MS
1	9/1/95	REVISED FOR PSI PLAN UPDATE	LS	SK	MS
0	7/1/95	SWEC RELEASED FOR PRESERVICE INSPECTION	LS	SK	MS

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2RCS







NO	PIPE SUPPORT	BZ NO.
1	RC5 P55P000N	82-208
2	P55P000	
3	P55P001	
4	P55P002	
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 64-00-RC5  
 4. ALL SUPPORTS PRECEDED BY 2RCS

**REFERENCES:**  
 1. ITT GRINNELL INDUSTRIAL PIPING  
 ISOMETRIC N/A  
 ASME CONTROL DAG N/A

SEE FILE NO 16.030-001-0581  
 16.030-001-0789

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2RCS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/21/04	REVISED PER CA 99 CA106 & CA258	JL	CH	m/kt
1	7/21/04	REVISED PER PSI PLAN UPDATE	JL	SLA	CH
0	7/16/04	SWEC RELEASED FOR PRESERVICE INSPECTION	JL	SLA	CH

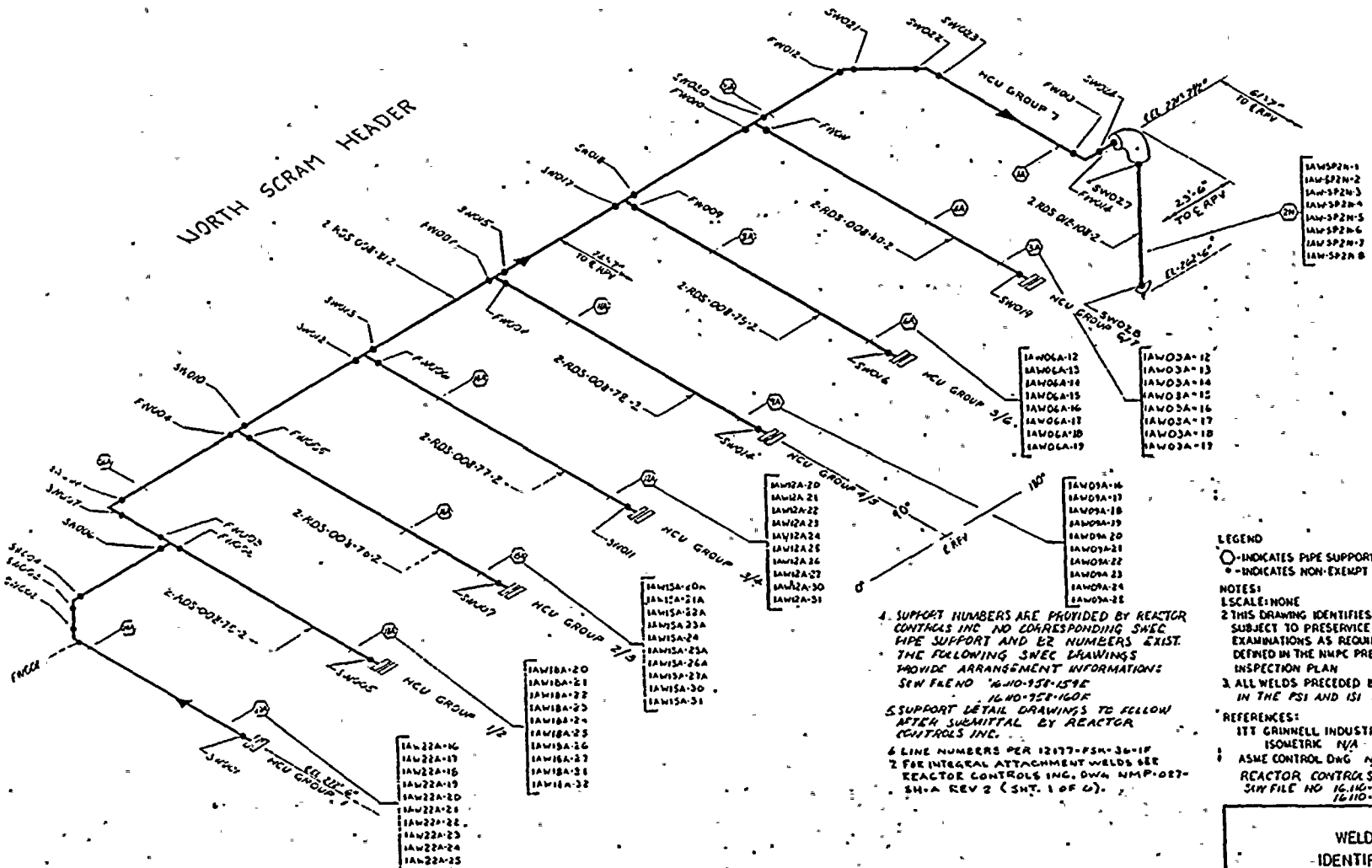
**NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**

NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS: I**  
 DWG NO ISI-64-00 SHEET 609G

DRAWN BY: J. ANSELINO  
 CHKD BY: J. DAVID





PIPE SUPPORT	
SP-1A	
1A	
2A	
3A	
4A	
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LEGEND

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

NOTES:

- SCALE: NONE
- THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP PRESERVICE AND INSERVICE INSPECTION PLAN
- ALL WELDS PRECEDED BY 65-00-RDS AS ENTERED IN THE PSI AND ISI INSPECTION PLAN

REFERENCES:

- ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A
- ASME CONTROL Dwg N/A
- REACTOR CONTROLS INC DWGS NMP-027 SHEETS 314 FILE NO 16.110-155-151E } WELD AND SANG LOCATIONS
- 16.110-155-151E } WELD AND SANG LOCATIONS

- SUPPORT NUMBERS ARE PROVIDED BY REACTOR CONTROLS INC NO CORRESPONDING SNEC PIPE SUPPORT AND BE NUMBERS EXIST. THE FOLLOWING SNEC DRAWINGS PROVIDE ARRANGEMENT INFORMATION: SMC FRENO 16.110-155-151E 16.110-155-160F
- SUPPORT DETAIL DRAWINGS TO FOLLOW AFTER SUBMITTAL BY REACTOR CONTROLS INC.
- LINE NUMBERS PER 12177-FSN-30-1F 2 FOR INTEGRAL ATTACHMENT WELDS PER REACTOR CONTROLS INC. Dwg NMP-027-SHA REV 2 (SHT. 1 OF 4).

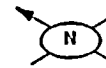
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

NO	DATE	REVISION	BY	CHKD	APPR
2	7/25/06	REVISED PER CR 16B E-100	LD	BJ	WD
1	7/11/05	REVISED PER PSI PLAN UPDATE	LD	JA	WD
0	7/4/05	SWIC RELEASED FOR PRESERVICE INSPECTION	LD	JA	WD

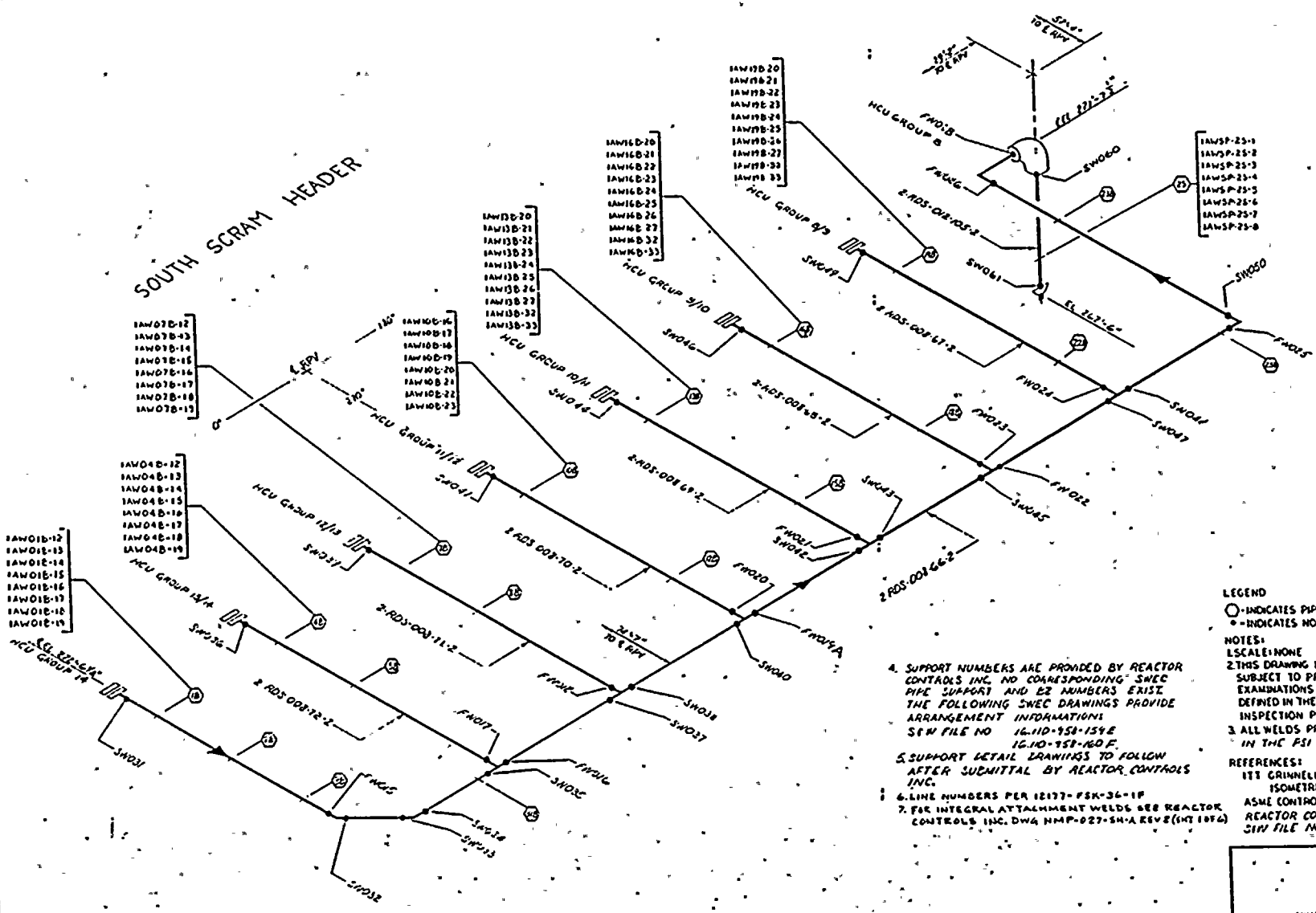
NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 3  
NIAGARA MOHAWK POWER CORPORATION

CLASS 2  
DWG NO ISI-65-00 SHEET 1 OF 2  
DRAWN BY J ANSELMO  
CHKD BY J DAVID





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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECC XI AS DEFINED IN THE NUPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 65-00-RDS AS ENTERED IN THE PSI AND ISI INSPECTION PLANS

**REFERENCES:**  
 ITI GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL DAG N/A  
 REACTOR CONTROLS INC DWGS - 1112-027 SH-112  
 SIN FILE NO. 16.110-958-242.87 WELD AND SUPPORT 16.110-453-293E3 LOCATIONS

- SUPPORT NUMBERS ARE PROVIDED BY REACTOR CONTROLS INC. NO CORRESPONDING SWEC PIPE SUPPORT AND E2 NUMBERS EXIST. THE FOLLOWING SWEC DRAWINGS PROVIDE ARRANGEMENT INFORMATION: SIN FILE NO. 16.110-958-154E, 16.110-958-160F.
- SUPPORT DETAIL DRAWINGS TO FOLLOW AFTER SUBMITTAL BY REACTOR CONTROLS INC.
- LINE NUMBERS PER 12177-FSK-36-1F
- FOR INTEGRAL ATTACHMENT WELDS SEE REACTOR CONTROLS INC. DWG NMP-027-SH-A REV 2 (INT 1074)

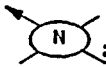
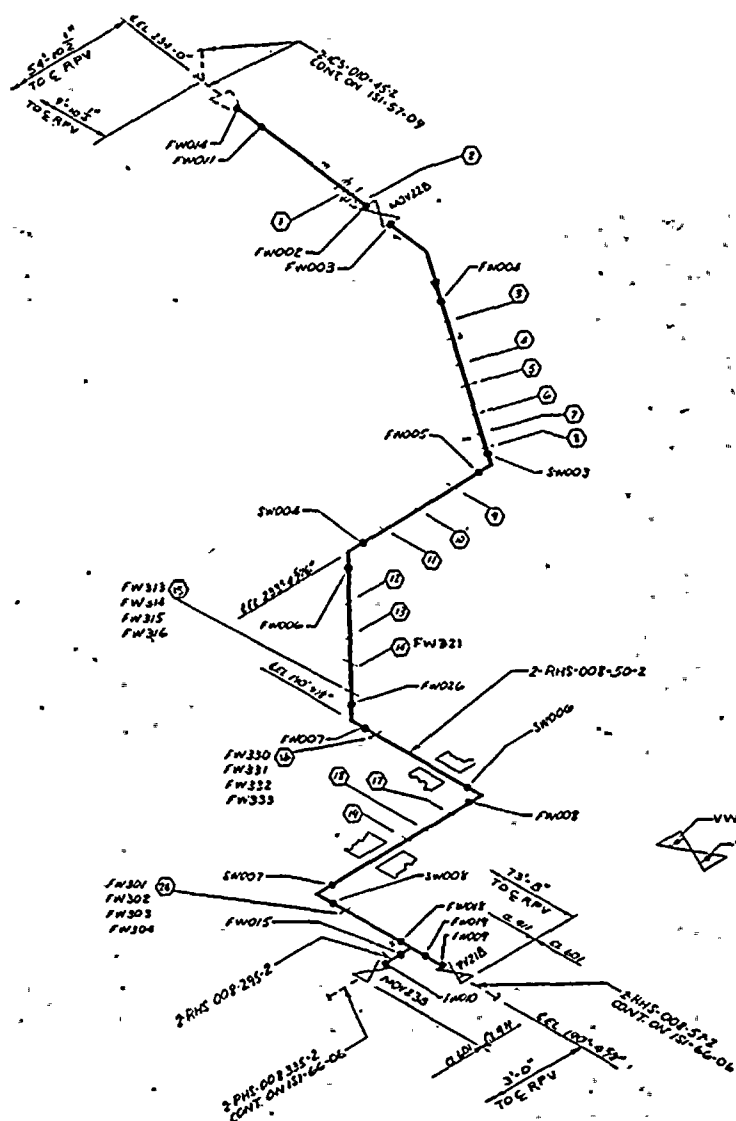
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

NO	DATE	REVISION	BY	CHKD	APPR
2	2/14/66	REVISED PER CR 168 100 E 268	LA	DS	JAN
1	5/5/66	REVISED PER PSI PLAN UPDATE	LA	SL	JAN
0	7/10/65	SWEC RELEASED FOR PRESERVICE INSPECTION	LA	SL	JAN

**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NIAGARA MOHAWK POWER CORPORATION  
 NIAGARA MOHAWK NUCLEAR STATION - UNIT 2

**CLASS 2**  
**DWG NO ISI-65-00 SHEET 2 OF 2**  
 DRAWN BY S. ANSELMO  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	E2 NO
1	2-RHS P217 205-A1	AP-13 BT
2	P217 215	CP
3	P217 217	EW
4	P217 218	ES
5	P217 219	FX
6	P217 220	GL
7	P217 221	CY
8	P217 222	CP
9	P217 223	GR
10	P217 224	BD
11	P217 225	GP
12	P217 226	BR
13	P217 227	GN
14	P217 228	GA
15	P217 229	AV
16	P217 230	ALV
17	P217 231	YV
18	P217 232	Z
19	P217 233	AW
20	P217 234	AA
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 \* - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NUPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 66-05-RHS  
 4. ALL SUPPORTS PRECEDED BY 2-RHS

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-05-Z  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-RHS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/84	REVISED PER CR112 E ISO 66-5-Z	lc	dl	mjm
1	7/1/84	REVISED PER PSI PLAN UPDATE	lc	slb	sm
0	2/1/85	SWEC RELEASED FOR PRESERVICE INSPECTION	lc	slb	sm

**NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**

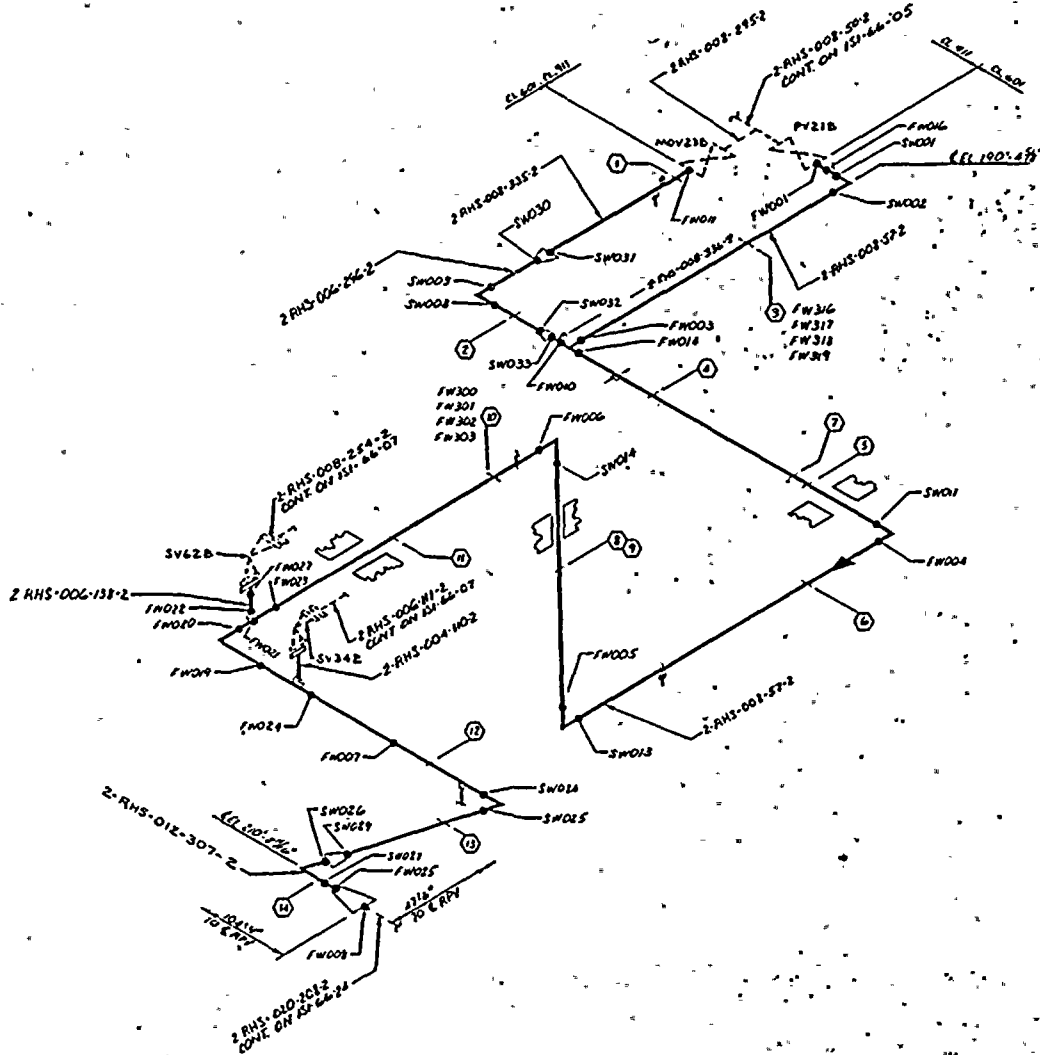
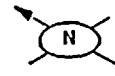
NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 2 - STEAM CONDENSING LOOP B  
 DWG NO ISI-66-05**

DRAWN BY S. ANSELMO  
 CHKD BY J. DAVID







LEGEND  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

NOTES:  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 66-06-RHS  
 4 ALL SUPPORTS PRECEDED BY 2-RHS

REFERENCES:  
 1 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-66-X  
 2 ASME CONTROL DAG N/A

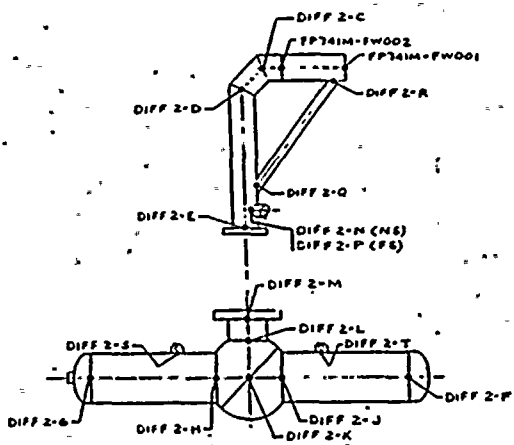
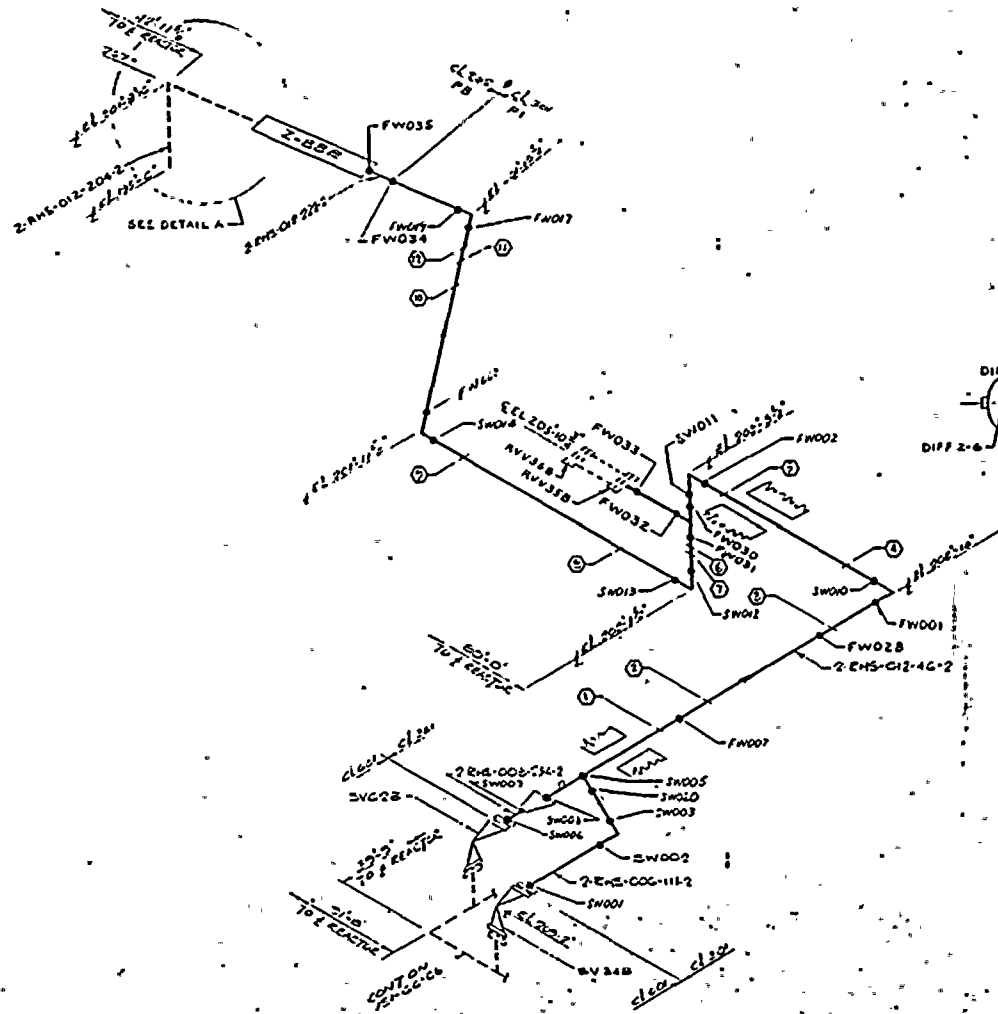
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-RHS

REV	DATE	REVISION	BY	CHKD	APPR
2	1/24/84	REVISED PER ISO 66-6-X	JL	EN	MD
1	3/23/83	REVISED PER PSI PLAN UPDATE	JL	EN	MD
0	7/14/82	SWIC RELEASED FOR PRESERVICE INSPECTION	JL	EN	MD
NO	DATE	REVISION	BY	CHKD	APPR

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2 STEAM CONDENSING LOOP B  
 DWG NO ISI-66-06  
 DRAWN BY S. ANSELMO  
 CHKD BY J. DAVID





DETAIL A  
DIFF 2  
REF. 16.310-025-041,042,043,044

NO	PIPE SUPPORT	SZ NO
1	2-RHS-012-204-2	27-11R
2	2-RHS-012-204-1	3
3	2-RHS-012-204-2	3
4	2-RHS-012-204-2	3
5	2-RHS-012-204-2	3
6	2-RHS-012-204-2	3
7	2-RHS-012-204-2	3
8	2-RHS-012-204-2	3
9	2-RHS-012-204-2	3
10	2-RHS-012-204-2	3
11	2-RHS-012-204-2	3
12	2-RHS-012-204-2	3
13	2-RHS-012-204-2	3
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LEGEND

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY CC-07-RHS
4. ALL SUPPORTS PRECEDED BY 2-RHS

REFERENCES:

- 1. ITI GRINNELL INDUSTRIAL PIPING ISOMETRIC CC-7-AK
- ASME CONTROL Dwg N/A

NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NIAGARA MOHAWK POWER CORPORATION

CLASS. 2 - STEAM CONDENSING LOOP 'B'  
DWG NO ISI-66-07

DRAWN BY J. DAVID  
CHKD BY J. DAVID

THIS DRAWING IS INTENDED FOR USE IN PRESERVE AND INSERVICE INSPECTION PROGRAMS ONLY

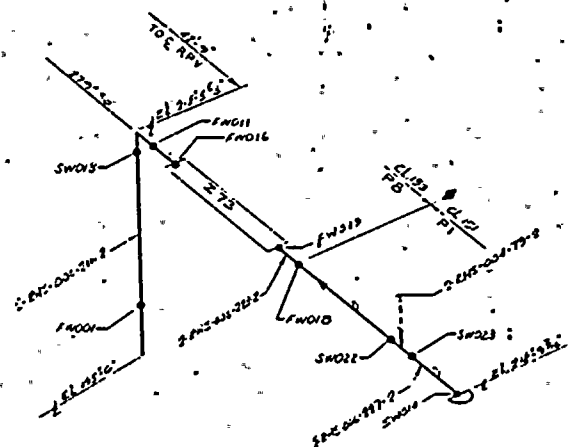
ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-RHS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/1/80	REVISED PER CR59,60,115 & ISO 66-2-AH CR287	LD	DS	mm/61
1	1/1/78	REVISED PER PSI PLAN UPDATE	LD	SLB	TD
0	1/1/78	SWEC RELEASED FOR PRESERVE INSPECTION	LD	SLB	TD





NO	PIPE SUPPORT	EZ NO.
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NOTE: NO SUPPORTS PROVIDED

LEGEND

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

NOTES:

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS 2 DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY CC-05-RMC
4. ALL SUPPORTS PRECEDED BY 2EWS

REFERENCES:

- IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC CC-5-V
- ASME CONTROL DAG 2/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2EWS

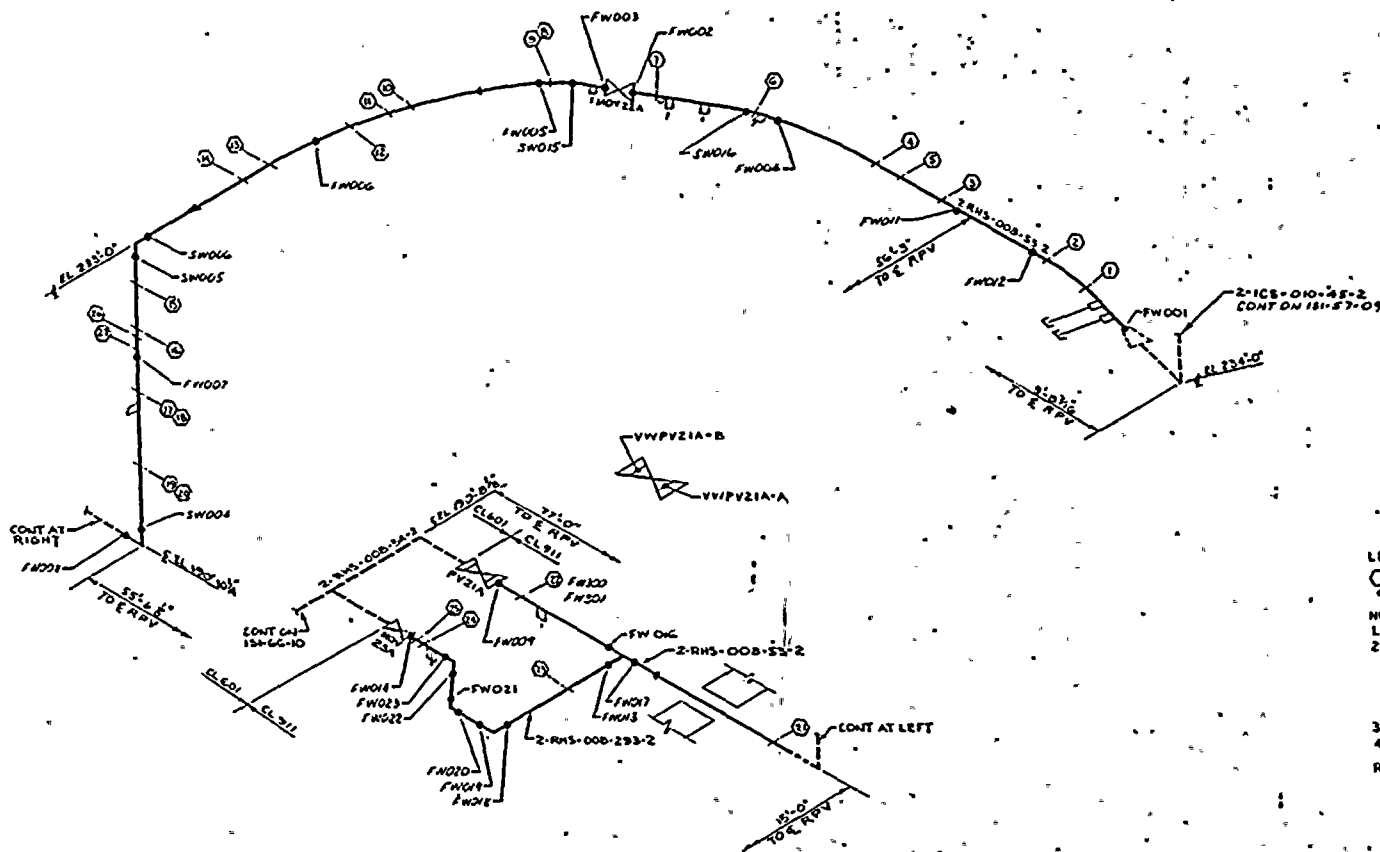
NO	DATE	REVISION	BY	CHKD	APPR
2	7/1/66	REVISED PER CR 64	LW	CSH	MPG
1	7/1/66	REVISED PER PSI PLAN UPDATE	LW	SK	MPG
0	7/1/66	SWEC RELEASED FOR PRESERVICE INSPECTION	LW	JH	MPG

NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

CLASS 2 RHS RV DISCH HEADER  
DWG NO ISI-66-08

DRAWN BY: P. GEORGE  
CHKD BY: J. DAVIS





LEGEND  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

NOTES:  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 66-09-RHS  
 4 ALL SUPPORTS PRECEDED BY 2-RHS

REFERENCES:  
 111 GRIMMELL INDUSTRIAL PIPING ISOMETRIC 66-09-AB  
 ASME CONTROL Dwg 1/4A

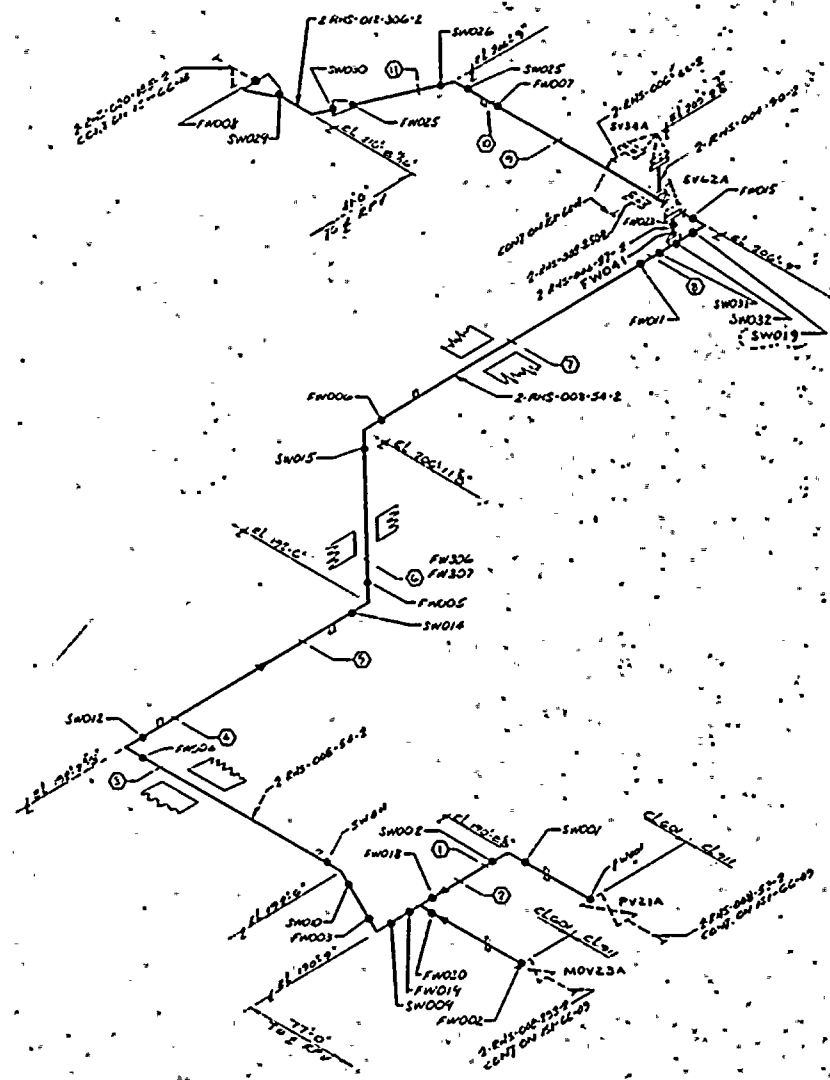
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2-RHS A

NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/66	REVISED PER INT-CR-59 ALSO ISO 66-09-AB	LJ	DL	WJL
1	1/15/66	REVISED PER PSI PLAN UPDATE	LJ	SLH	WJL
0	2/1/65	SWEE RELEASED FOR PRESERVICE INSPECTION	LJ	SLH	WJL

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION  
 CLASS 2 STEAM CONDENSING LOOP A  
 DWG NO 151-66-09  
 DRAWN BY W. STEWART  
 CHD BY J. DAVID







NO.	PIPE SUPPORT	BZ NO
1	2-RHS-001-306-2	1 AG
2	2-RHS-001-306-2	1 AL
3	2-RHS-001-306-2	1 AM
4	2-RHS-001-306-2	1 AN
5	2-RHS-001-306-2	1 AP
6	2-RHS-001-306-2	1 AR
7	2-RHS-001-306-2	1 AS
8	2-RHS-001-306-2	1 AT
9	2-RHS-001-306-2	1 AU
10	2-RHS-001-306-2	1 AV
11	2-RHS-001-306-2	1 AW
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY GG-10-RHS  
 4 ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC GG-10-Y  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2RHS

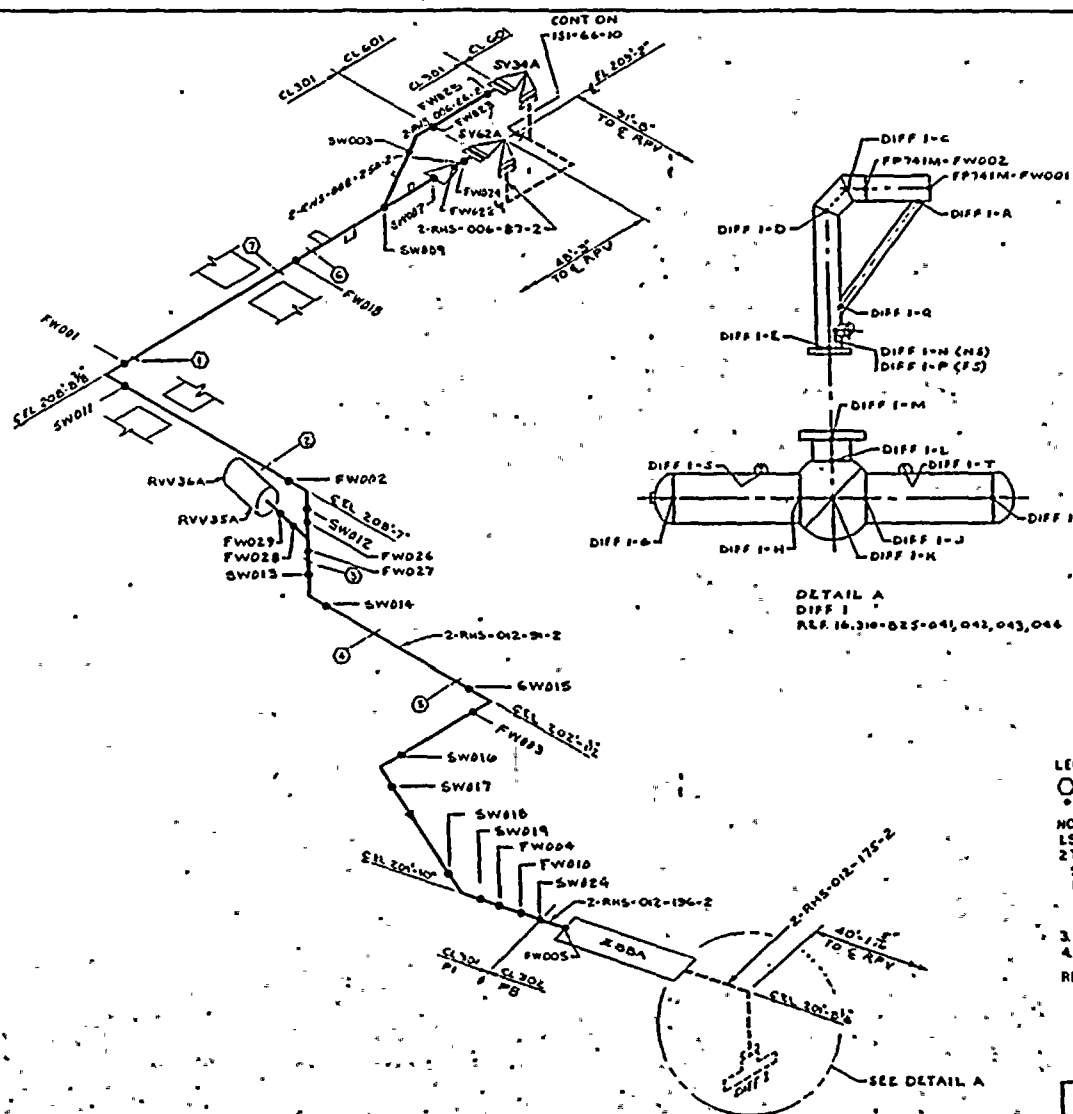
NO	DATE	REVISION	BY	CHKD	APPR
2	7/1/86	REVISED PER CR 144 ALSO DWT-CR-14 ALSO ISO 66-10-Y	SW	ST	ST
1	2/2/85	REVISED PER PSI PLAN UPDATE	SW	ST	ST
0	7/4/85	SWEC RELEASED FOR PRESERVE INSPECTION	SW	ST	ST

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2 - STEAM CONDENSING LOOP A  
 DWG NO ISI-66-10

DRAWN BY GEORGE  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BZ NO
1	2RHS-PSR160 A2	BZ-3 AN
2	PSR181	AN
3	PSST182	AP
4	PSST183	AC
5	PSR184	AR
6	PSST 185	CA
7	PSA 251	CO
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DETAIL A  
DIFF 1  
REF. 16,310-025-041,042,043,044

**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY GG-11-RHS  
 4. ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING  
 ISOMETRIC GG-11-AE  
 ASME CONTROL-DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2RHS

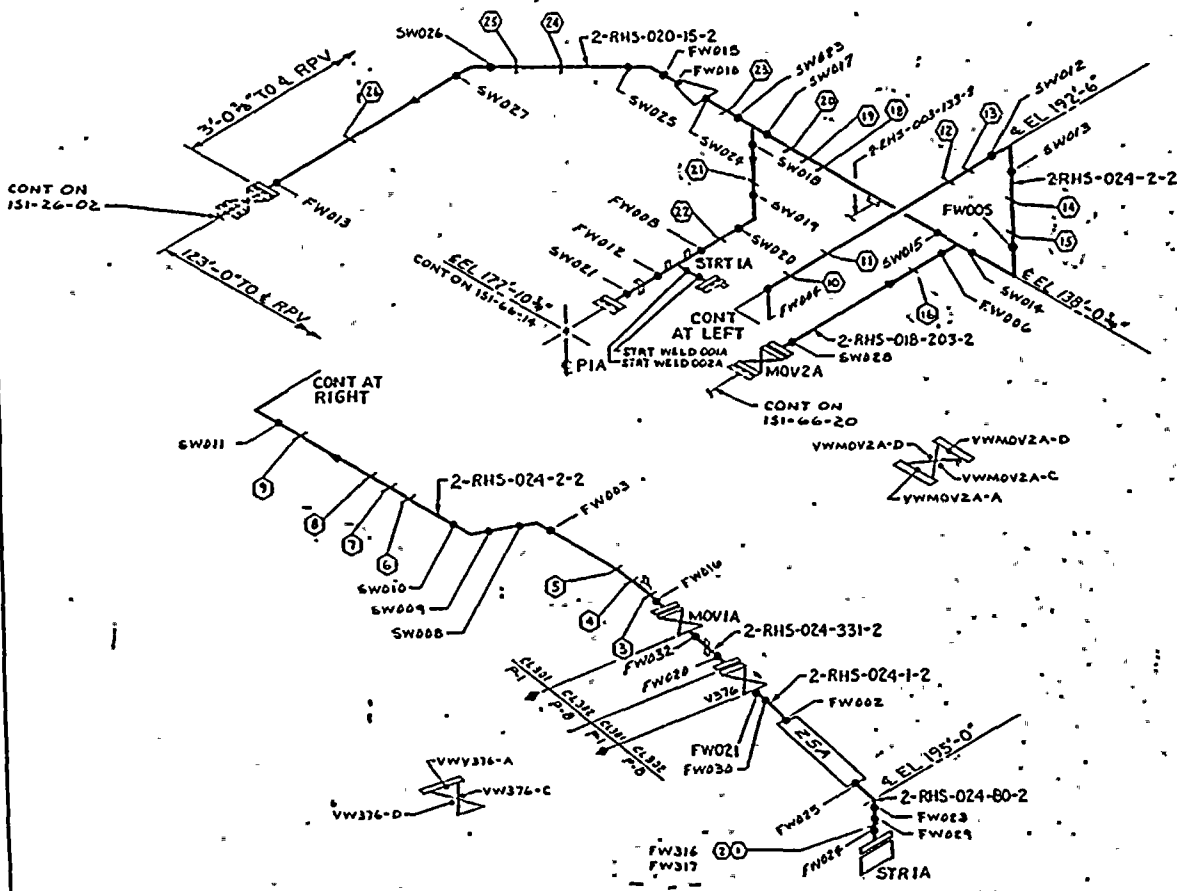
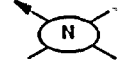
NO	DATE	REVISION	BY	CHKD	APPR
2	2/21/06	REVISED PER CR 65,66,114 & 287	LD	DL	MB
1	5/22/05	REVISED PER PSI PLAN UPDATE	LD	SLB	JR
0	1/16/05	SWEC RELEASED FOR PRESERVICE INSPECTION	LD	SLB	DB

NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

CLASS - 2 - STEAM CONDENSING LOOP A  
DWG NO ISI-66-11

DRAWN BY W. STEWART  
CHKD BY J. DAVIS





NO	PIPE SUPPORT	SZ NO
1	2RH5-020-15-2	71ANA
2	PSP101	ANA
3	PSP117	APT
4	PSP178	APU
5	PSP222	AGD
6	PSP250	AFW
7	PSP377	AFV
8	PSP402	AK
9	PSP113	AK
10	PSP866	ALC
11	PSP402	BM
12	PSP314	KP
13	PSP315	KE
14	PSP881	APX
15	PSP887	ASD
16	PSP844	ACA
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18	PSP316	KH
19	PSP404	BN
20	PSP890	AGD
21	PSP320	MM
22	PSP321	MM
23	PSP682	APT
24	PSP883	APT
25	PSP402	BS
26	PSP312	KD
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 66-13-RHS  
 4. ALL SUPPORTS PRECEDED BY 2RH5

REFERENCES:  
 1. ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-13-AD  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2RH5

NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/66	REVISED PER CR115, CR189 ALSO WE-CR-16, 17 & 40	AI	DA	
1	5/1/64	REVISED PER PSI PLAN UPDATE	SL	AB	
0	7/1/65	SWEC RELEASED FOR PRESERVICE INSPECTION	SL	AB	

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM

NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

LPCI LOOP A -  
 SHUTDOWN COOLING LOOP A

DWG NO ISI-66-13

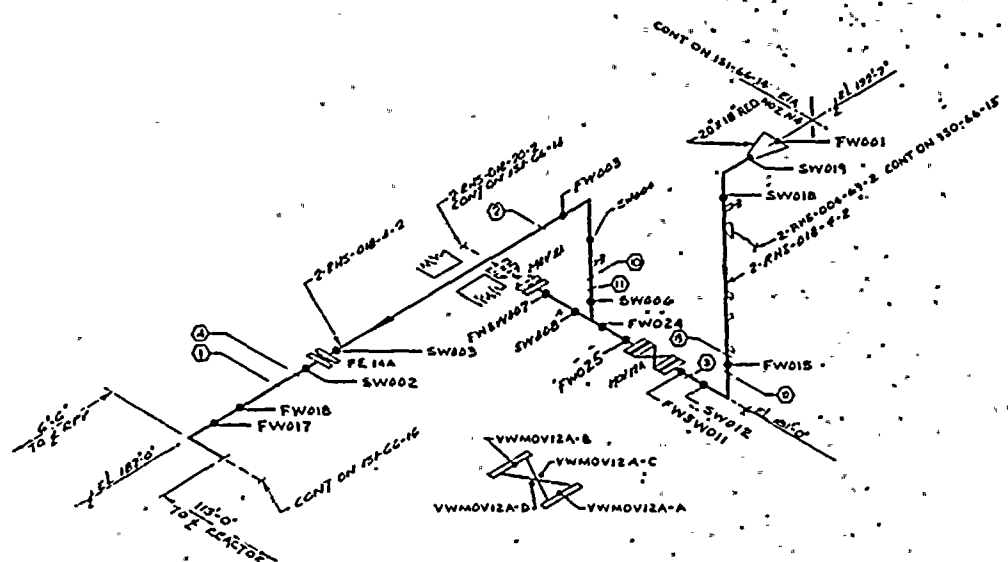
DRAWN BY L.H. STANG  
 CHKD BY J. DAVID











**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY GC-15-RWD  
 4. ALL SUPPORTS PRECEDED BY 2-RWG

**REFERENCES:**  
 1. ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC GC-15-Z  
 ASME CONTROL DWG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VENT AND EQUIPMENT NUMBERS PRECEDED BY 2-RWG

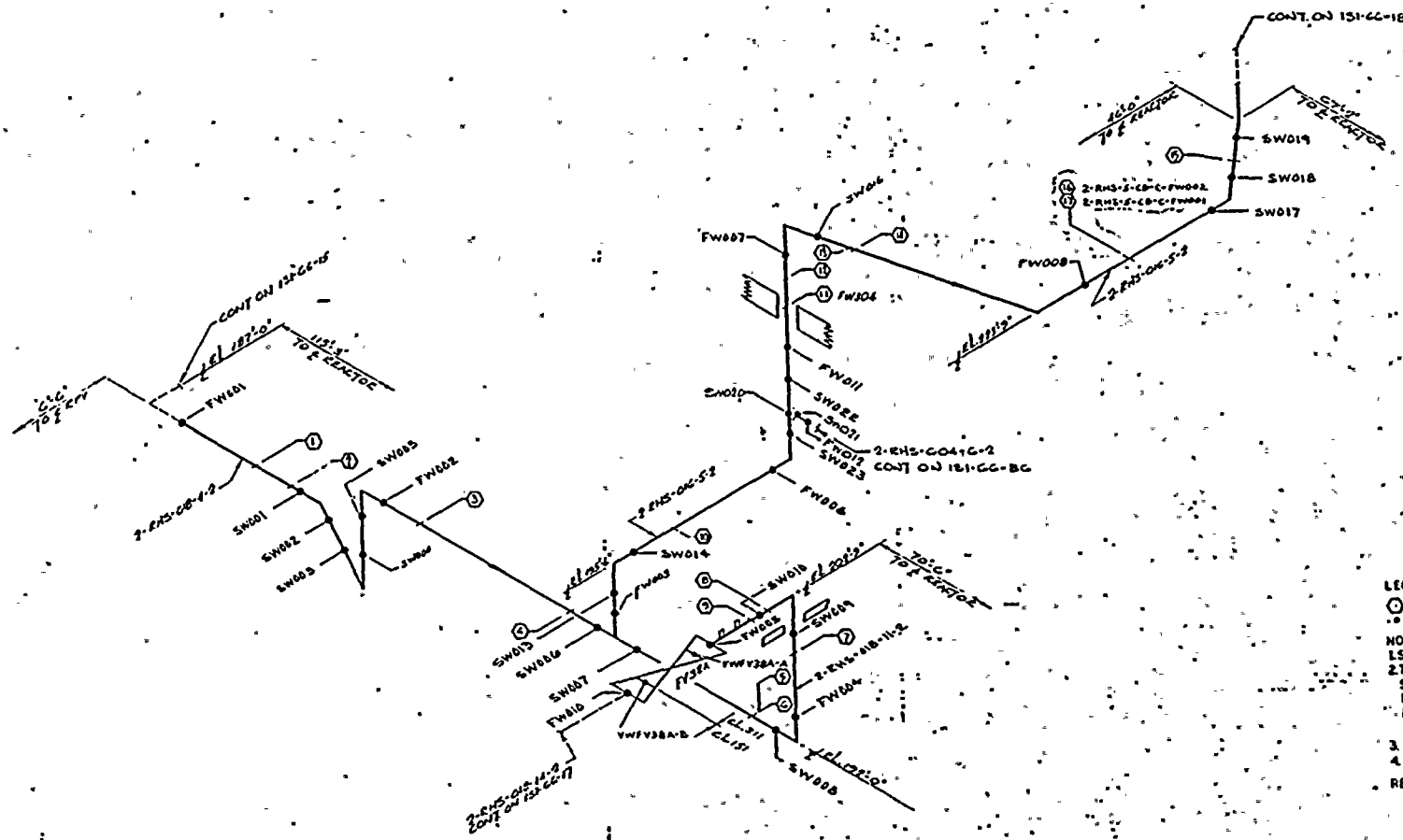
NO	DATE	REVISION	BY	CHKD	APPR
2	7/1/66	REVISED PER CR 70,71,117 ALSO INT-CR-45	LD	DL	MD
1	5/1/66	REVISED PER PSI PLAN UPDATE	LD	DL	MD
0	7/1/65	SWEC RELEASED FOR PRESERVICE INSPECTION	LD	SLK	TBM

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 2 SHUTDOWN COOLING LOOP A**  
 DWG NO 151-66-151

DRAWN BY J. DAVID  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	GT NO
1	2-RHS-2-CC-C-FW002	2-RHS-2-CC-C-FW002
2	2-RHS-2-CC-C-FW001	2-RHS-2-CC-C-FW001
3	2-RHS-2-CC-C-FW002	2-RHS-2-CC-C-FW002
4	2-RHS-2-CC-C-FW001	2-RHS-2-CC-C-FW001
5	2-RHS-2-CC-C-FW002	2-RHS-2-CC-C-FW002
6	2-RHS-2-CC-C-FW001	2-RHS-2-CC-C-FW001
7	2-RHS-2-CC-C-FW002	2-RHS-2-CC-C-FW002
8	2-RHS-2-CC-C-FW001	2-RHS-2-CC-C-FW001
9	2-RHS-2-CC-C-FW002	2-RHS-2-CC-C-FW002
10	2-RHS-2-CC-C-FW001	2-RHS-2-CC-C-FW001
11	2-RHS-2-CC-C-FW002	2-RHS-2-CC-C-FW002
12	2-RHS-2-CC-C-FW001	2-RHS-2-CC-C-FW001
13	2-RHS-2-CC-C-FW002	2-RHS-2-CC-C-FW002
14	2-RHS-2-CC-C-FW001	2-RHS-2-CC-C-FW001
15	2-RHS-2-CC-C-FW002	2-RHS-2-CC-C-FW002
16	2-RHS-2-CC-C-FW001	2-RHS-2-CC-C-FW001
17	2-RHS-2-CC-C-FW002	2-RHS-2-CC-C-FW002
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY GG-1G-RHS  
 4. ALL SUPPORTS PRECEDED BY 2-RHS

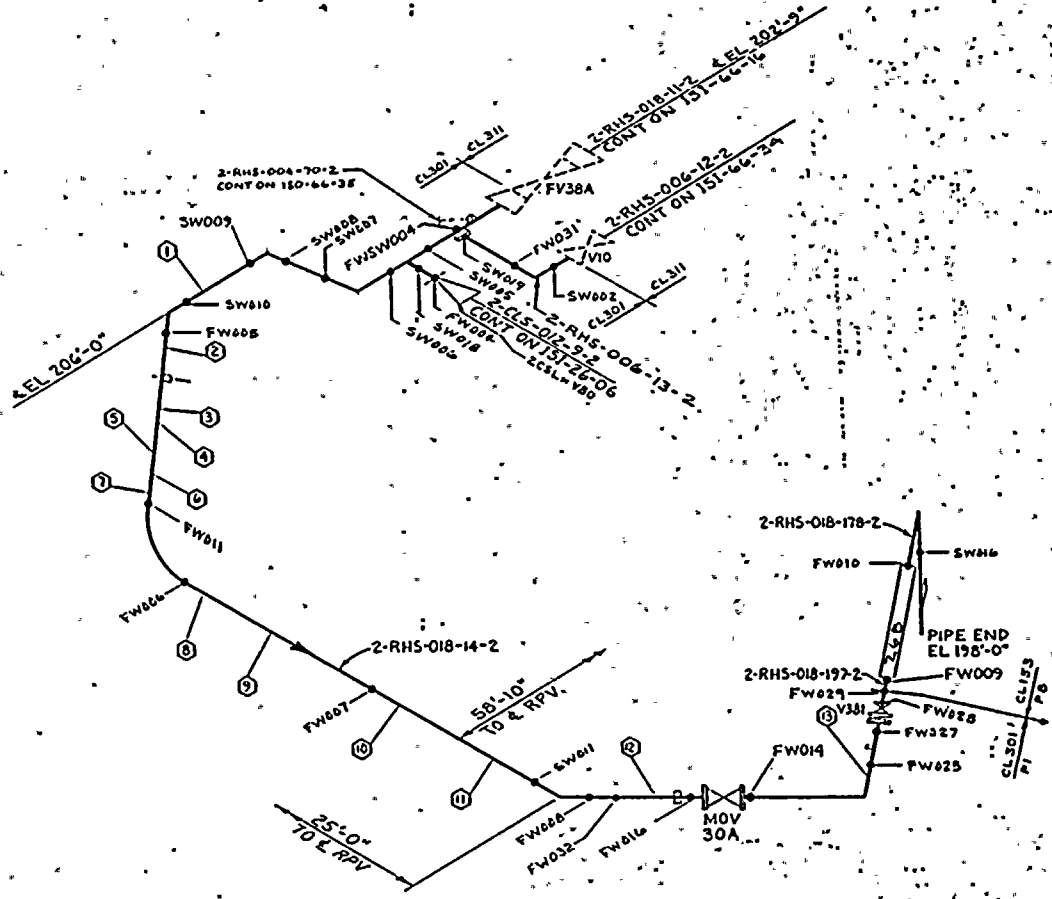
REFERENCES:  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC GG-1G-W  
 ASME CONTROL D&G N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2-RHS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/66	REVISED PER CR157 ALSO IWF-CR-3641	LD	DA	WJW
1	7/2/66	REVISED PER PSI PLAN UPDATE	LD	DA	WJW
0	7/2/66	SWIC RELEASED FOR PRESERVICE INSPECTION	LD	DA	WJW

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION  
 LFCI LOOP A  
 CLASS 2 SHUTDOWN COOLING LOOP A  
 DWG NO ISI-66-16  
 DRAWN BY E. GEORGE  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	2-RHS-PST-232-AE	BZ-71 MP
2	PSA-05	
3	PST-06	
4	PST-07	
5	PST-08	
6	PST-09	
7	PST-10	
8	PST-11	
9	PST-12	
10	PST-13	
11	PST-14	
12	PST-15	
13	2-RHS-PST-431-AE	BZ-71 RA
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NUPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 66-17-RHS  
 4. ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 - ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-17-AD  
 - ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2RHS\*

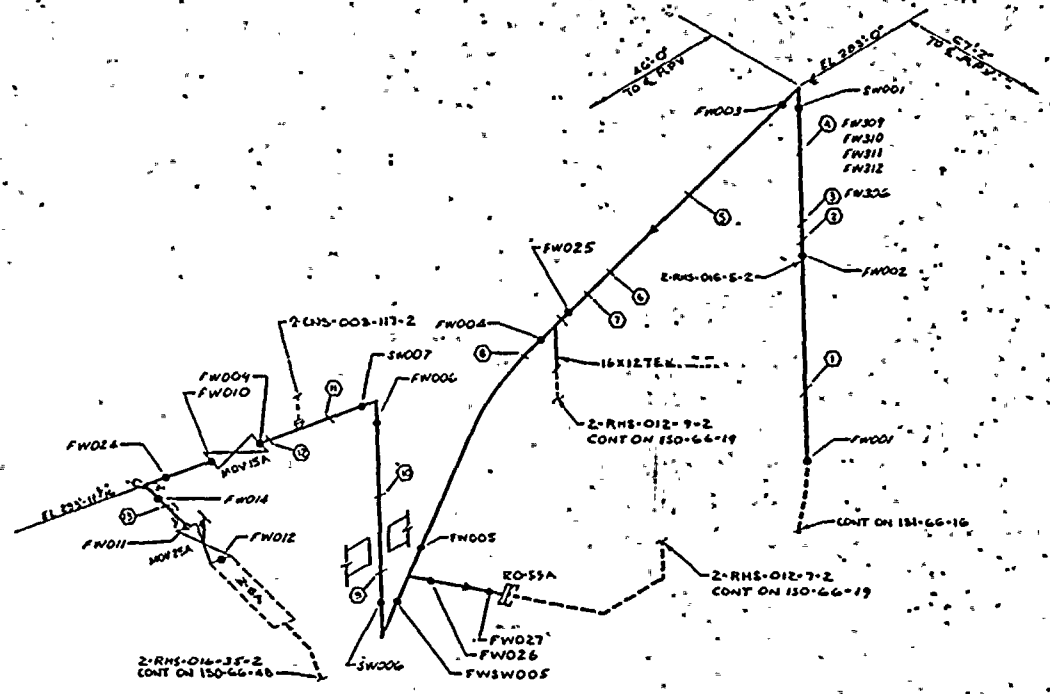
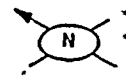
NO.	DATE	REVISION	BY	CHKD	APPR
2	7/2/04	REVISED PER CR53, CR72, CR157, CR 204 AND CR253 ALSO ISO 66-17-AD	LS	DL	TLB
1	7/2/04	REVISED PER PSI PLAN UPDATE	LS	DL	TLB
0	7/2/04	SWC RELEASED FOR PRESERVICE INSPECTION	LS	DL	TLB

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2 LPCI LOOP A  
 DWG NO ISI-66-17

DRAWN BY L.H. STANG  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	2RHS PWR 287A2	02-77-3D
2	PSR 226	33D
3	PSR 281	3B
4	PSR 332	3G
5	PSM 320	MG
6	PSM 363	MD
7	PSM 377	ME
8	PSR 404	NV
9	PSR 327	KU
10	PSM 376	KT
11	PSM 325	KS
12	PSM 324	KQ
13	PSM 311	EQ
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 66-18-RHS  
 4 ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING  
 ISOMETRIC 66-18-R  
 ASME CONTROL DAG N/A

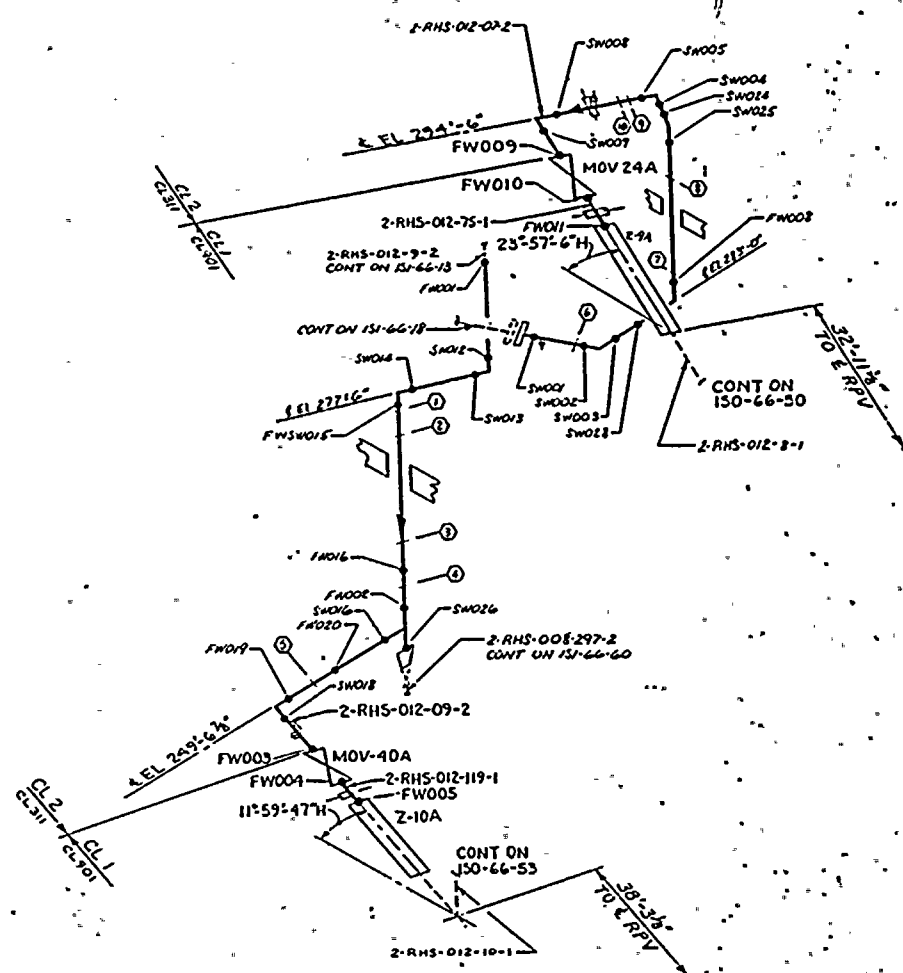
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2RHS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/1/84	REVISED PER CR 73, JOB 179 E 259 ALSO ISO 66-18-R	LJ	CS	WJS
1	7/1/83	REVISED PER PSI PLAN UPDATE	LJ	CS	WJS
0	7/1/83	SWEC RELEASED FOR PRESERVICE INSPECTION	LJ	CS	WJS

NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 1  
NIAGARA MOHAWK POWER CORPORATION  
LPCI LOOP A  
CLASS. 2 SHUTDOWN COOLING LOOP A  
DWG NO ISI-66-18  
DRAWN BY W. STEWART  
CHKD BY J. DAVID







NO.	PIPE SUPPORT	BZ NO.
1	2-RHS-012-02-2	DE 71NA
2	PSA 312	NH
3	PSA 312	NP
4	PSA 312	ND
5	PSA 312	FE
6	PSA 312	NJ
7	PSA 312	N7
8	PSA 312	NE
9	PSA 312	M3
10	PSA 312	AN
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 66-19-RHS  
 4. ALL SUPPORTS PRECEDED BY N/A

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-19-X  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES & EQUIPMENT NUMBERS PRECEDED BY 2-RHS\*

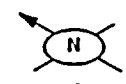
NO.	DATE	REVISION	BY	CHKD	APPR
2	2/23/86	REVISED PER CR 158 & ISO 66-10-X	W	at	ms
1	2/23/86	REVISED PER PSI PLAN UPDATE	L	SLK	ms
D	2/1/85	SWC RELEASED FOR PRESERVE INSPECTION	L	SLK	ms

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

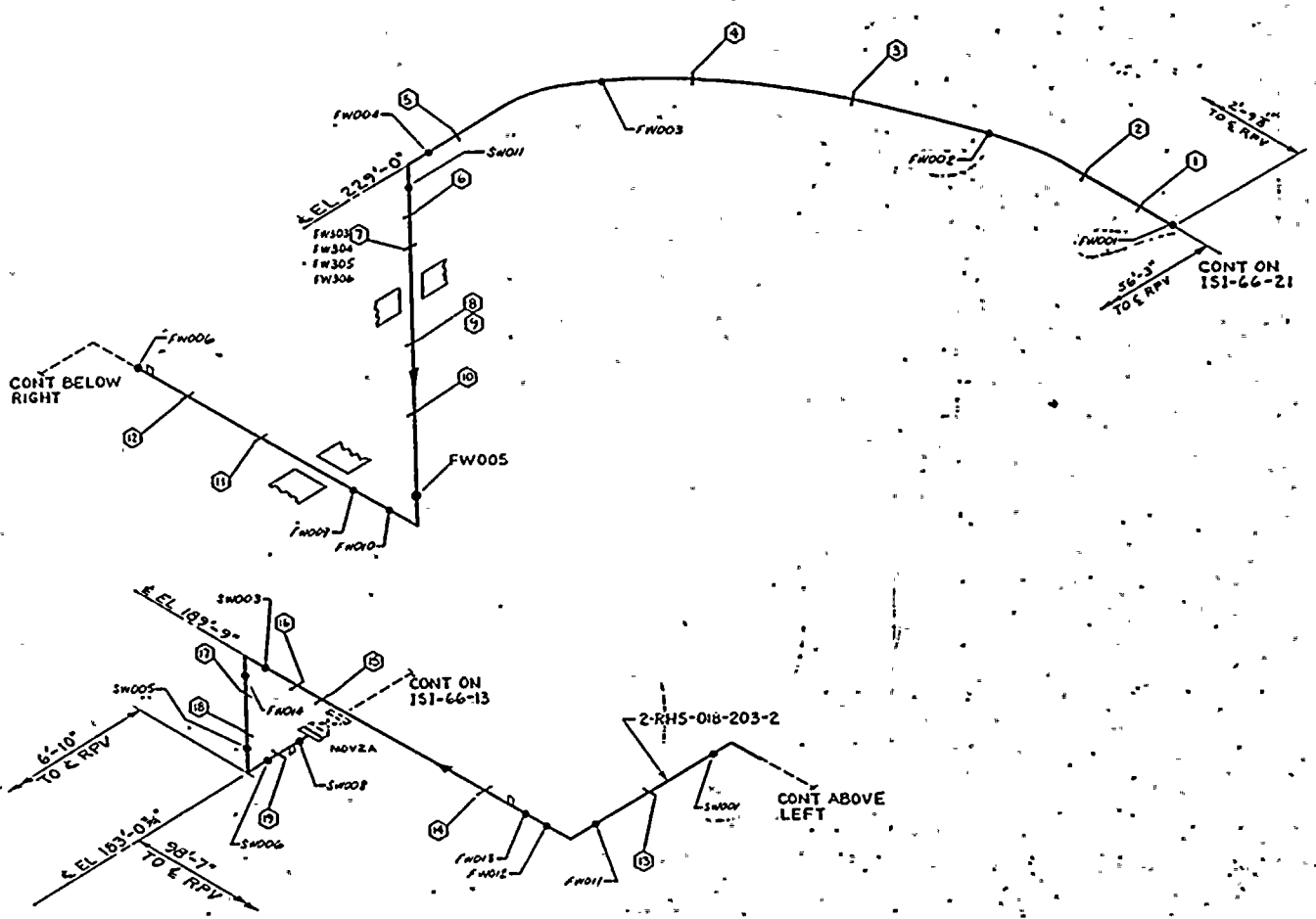
**CLASS 1 & 2 SHUTDOWN COOLING LOOP A**  
 DWG NO ISI-66-19

DRAWN BY L.H. STANG  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	24MS-P3R-103-A2	02-20 AMC
2	P3R-103A	AMC
3	P3R-244	GR
4	P3R-243	EQ
5	P3SP-242	GP
6	P3R-161	FM
7	P3SN-160	FG
8	P3SP-241	GM
9	P3SP-242	GN
10	P3R-249	GM
11	P3SN-237	GR
12	P3SN-056	EO
13	P3R-055	GR
14	P3R-229	AGS
15	P3SP-319	KL
16	P3SP-228	AGE
17	P3SP-317	KJ
18	P3SP-318	KK
19	24MS-P3SN-058-A2	02-20 B3
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 ◊ - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 66-20-RHS  
 4 ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 ITI GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-20-R  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE -EQUIPMENT NUMBERS PRECEDED BY 2RHS\*

NO	DATE	REVISION	BY	CHKD	APPR
2	7/15/88	REVISED PER IWF-CR55	CL	CL	CL
1	7/15/88	REVISED PER PSI PLAN UPDATE	CL	SLA	CL
0	7/15/88	SWEC RELEASED FOR PRESERVICE INSPECTION	CL	CL	CL

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

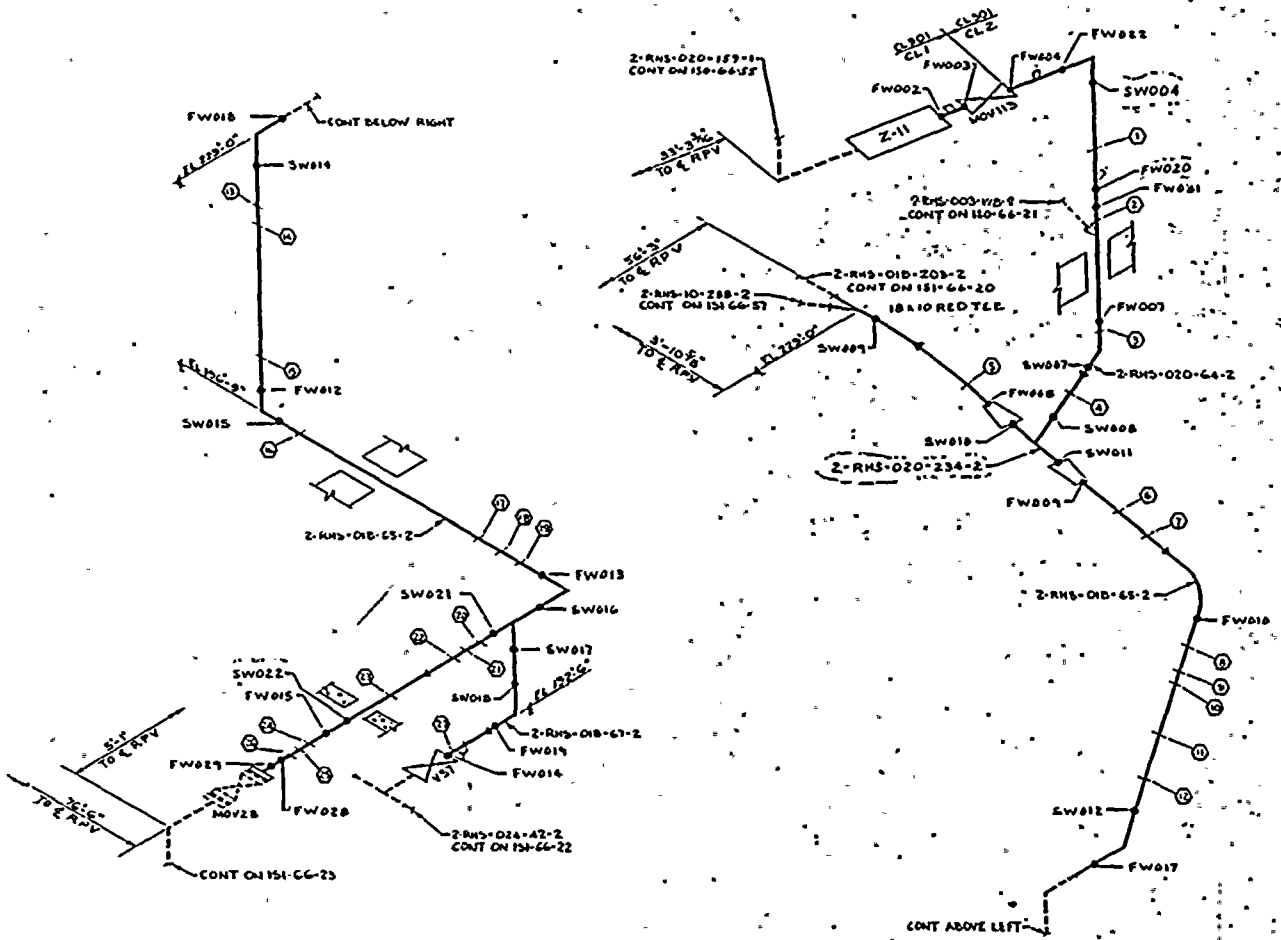
**CLASS 2 - SHUTDOWN COOLING LOOP A**  
 DWG NO ISI-66-20

DRAWN BY L.H. STANG  
 CHKD BY J. DAVIS





NO.	PIPE SUPPORT	EZ NO
1	2-RHS-PSM153-A2	52-71 EN
2	PSIP 152	EN
3	263	ME
4	264	ME
5	NO50	ALY
6	265	MG
7	PSI 266	MI
8	PSI 267	FC
9	PSIP 267	MI
10	PSIP 268	HK
11	PSI 268	FB
12	PSIP 269	ME
13	PSIP 270	MI
14	PSIP 270	MI
15	PSA 270	AME
16	PSIP 270	SH
17	PSM 270	CG
18	PSIP 272	ARG
19	1 431	SE
20	504	SK
21	217	ADW
22	1 435	AME
23	PSIP 273	EP
24	PSIP 273	AND
25	PSIP 273	SE
26	PSM 273	CE
27	PSIP 277	AMA
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY GG-21-RHS  
 4 ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING  
 ISOMETRIC GG-21-02  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2RHS

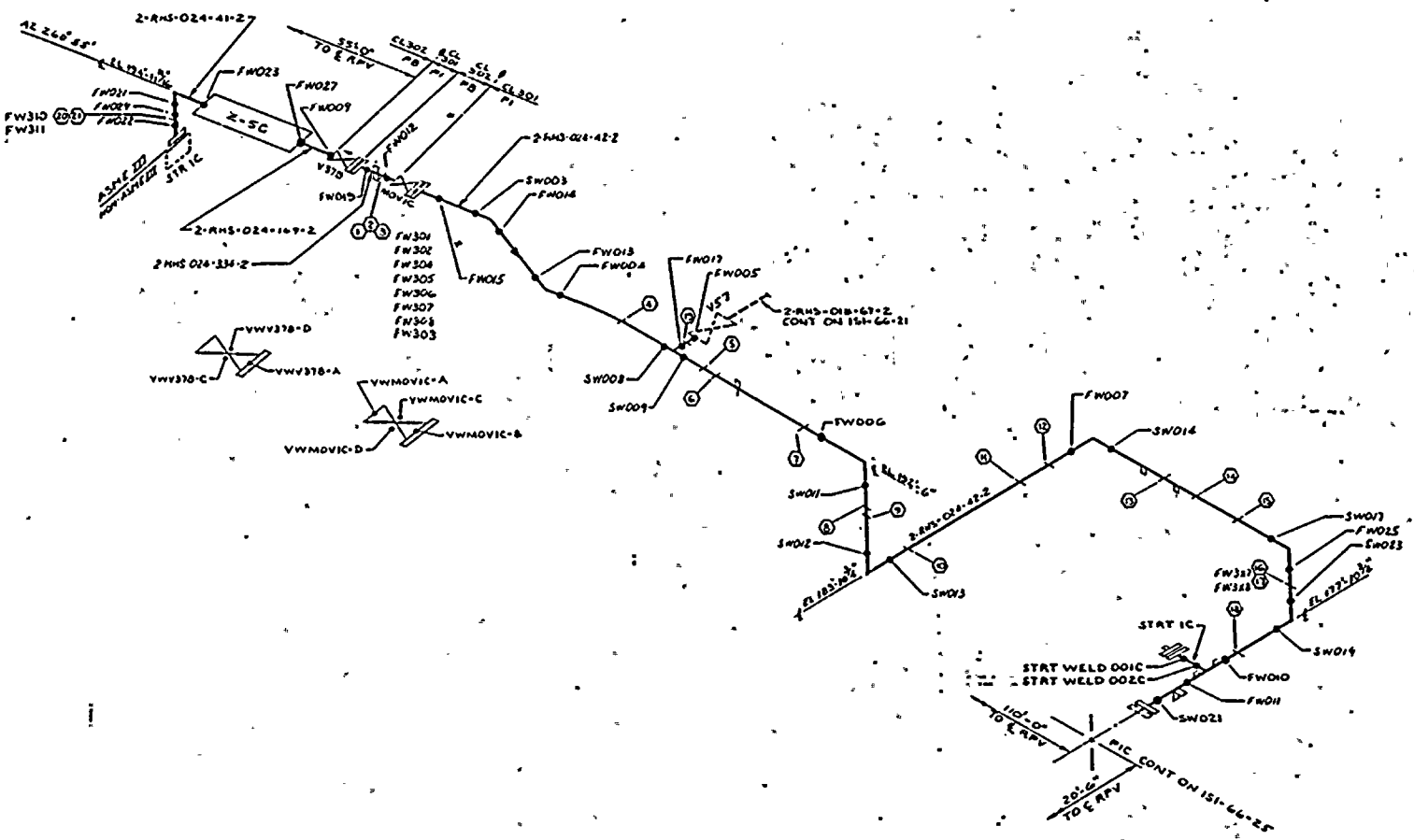
NO.	DATE	REVISION	BY	CHKD	APPR
2	7/24/80	REVISED PER CR 75,76,147 159 & 260	WJ	AI	WJ
1	7/14/80	REVISED PER PSI PLAN UPDATE	WJ	AI	WJ
0	7/14/80	SWIC RELEASED FOR PRESERVICE INSPECTION	WJ	AI	WJ

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1 & 2 SHUTDOWN COOLING LOOP A & B  
 DWG NO ISI-66-21

DRAWN BY W. STEWART  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	62 NO
1	ELMO PSSP 815 A2	62-71A
2	96C	
3	96T	
4	PSSM 282	CS
5	PSSP 319	1A
6	PSSP 305	2A
7	84C	3A
8	72C	4A
9	72E	5A
10	PSSM 081	CB
11	PSSP 342	3W
12	PSSP 512	3Z
13	PSSM 076	CU
14	PSSP 777	ALJ
15	72B	ALJ
16	72D	ANL
17	PSSP 710	ANL
18	PSSM 079	EP
19	PSSP 810	ANA
20	PSR 104.7	ANA
21	PSR 104.2	ANA
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NUPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 66-22-64B  
 4 ALL SUPPORTS PRECEDED BY 2-RHS

**REFERENCES:**  
 1 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-22-AK  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2-RHS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/26/64	REVISED PER CR 96, 166 ALSO MW-CR-13, 20 ALSO ISO 66-22-AX	WJ	SL	WJ
1	7/15/64	REVISED PER PSI PLAN UPDATE	WJ	SL	WJ
0	7/15/64	SWC RELEASED FOR PRESERVICE INSPECTION	WJ	SL	WJ

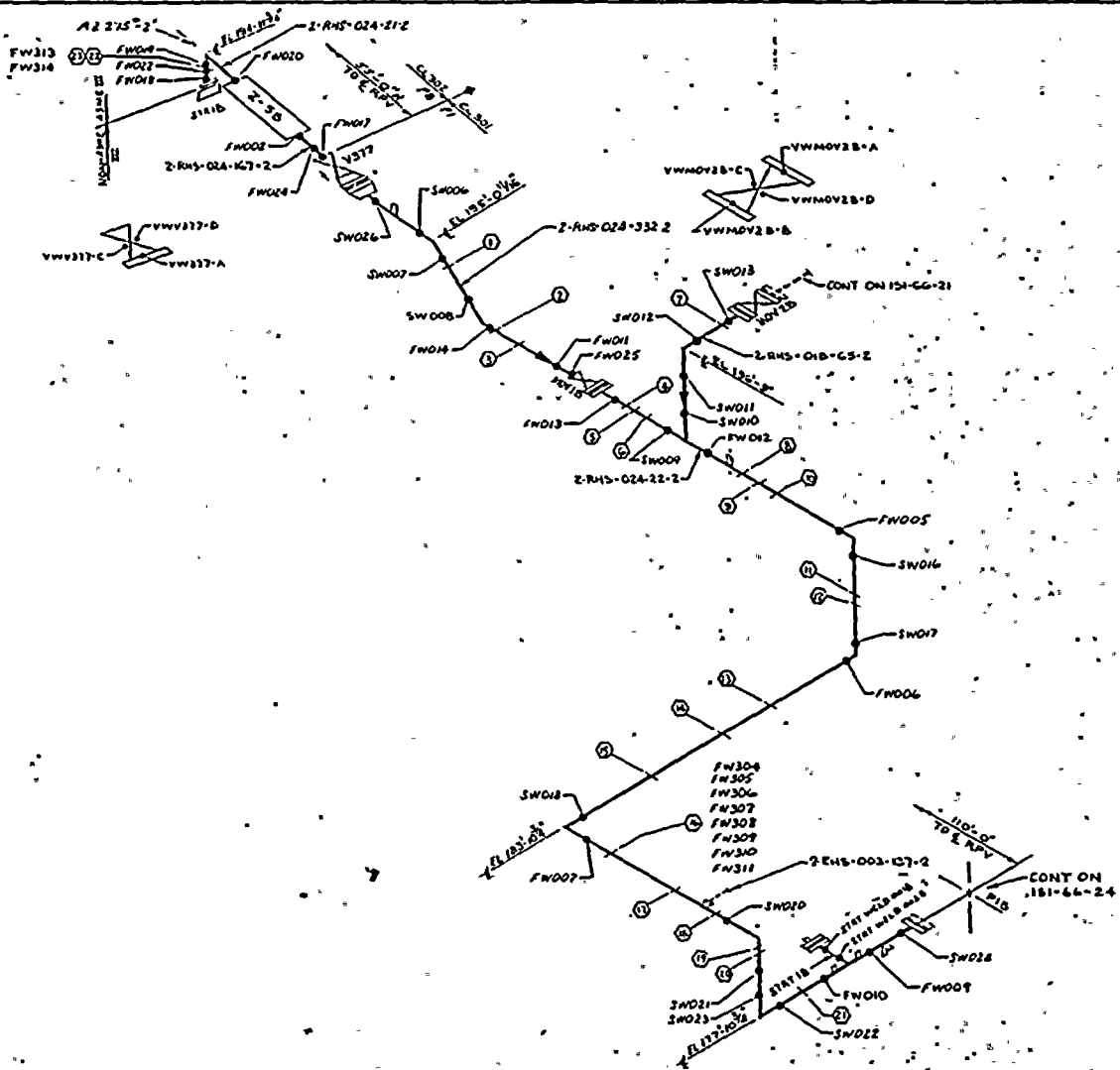
**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 2 - LPCI LOOP C**  
**DWG NO ISI-66-22**

DRAWN BY: W. STEWART  
 CHKD BY: J. DAVID







NO	PIPE SUPPORT	BZ NO.
1	2-RHS-PSSP-519-A-2	IS1-71-20A
2	509	SR
3	509	AS1
4	PSSM-086	CM
5	PSSP-211	AS2
6	510	AS1
7	514	51
8	507	51
9	506	51
10	PSSM-085	CM
11	PSSP-212	AS1
12	508	AS1
13	508	50
14	PSSM-084	CM
15	PSSP-491	AS1
16	PSSP-473	R1
17	PSSP-511	50A
18	510	55
19	507	51
20	FEET-303	51
21	PSSM-083	CM
22	PER-1065	AND
23	PER-1064	AND
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 \* - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED BY THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY CG-23-RHS  
 4. ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC CG-23-AA  
 ASME CONTROL Dwg N/A

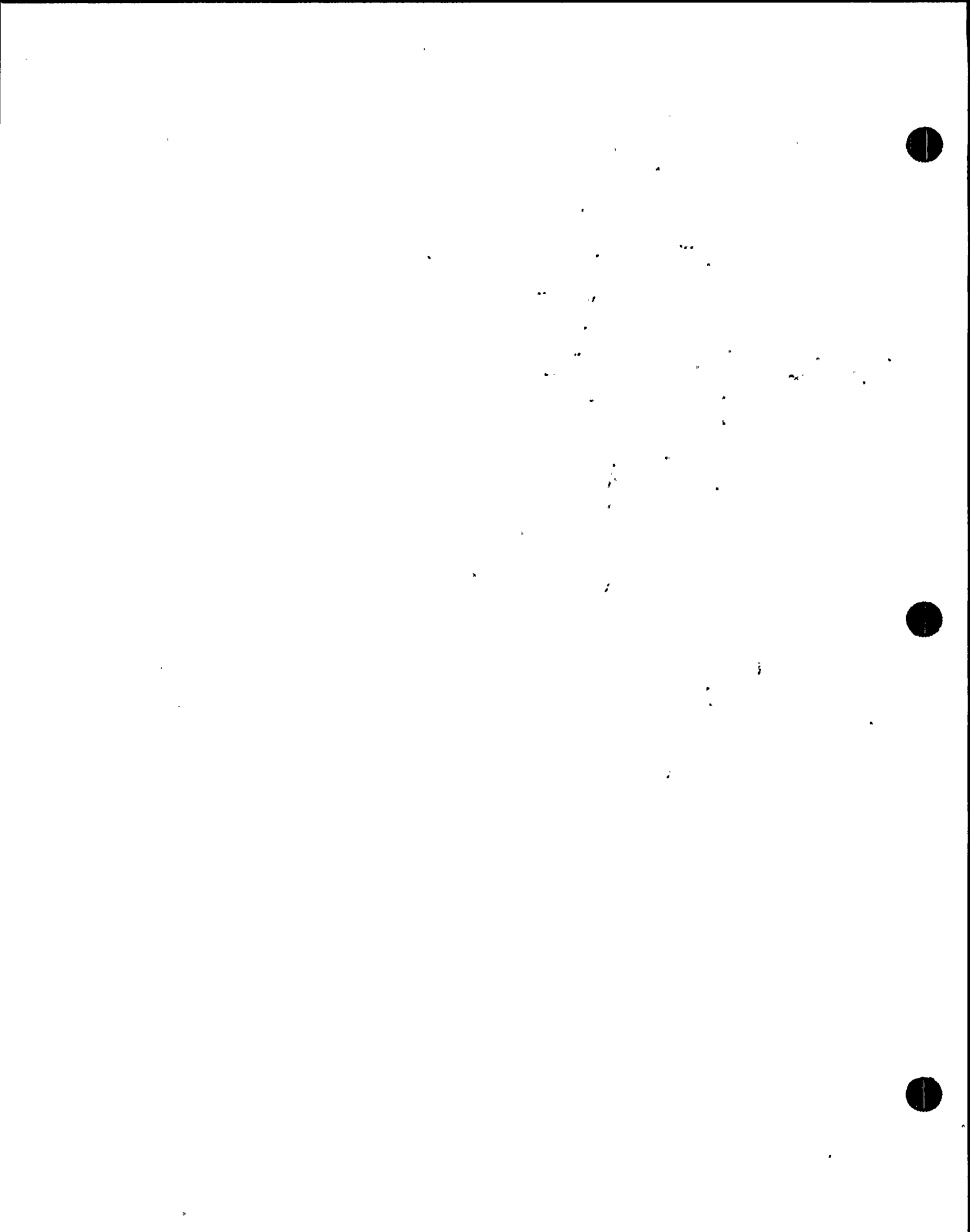
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2RHS

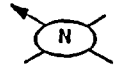
NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/86	REVISED PER CR 148, 16283 ALSO TW-ER-2122AA ALSO CG-23-AA	W	AS	W
1	7/1/85	REVISED PER PSI PLAN UPDATE	L	SLT	W
0	7/1/85	SWEC RELEASED FOR PRESERVICE INSPECTION	L	SLT	W

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

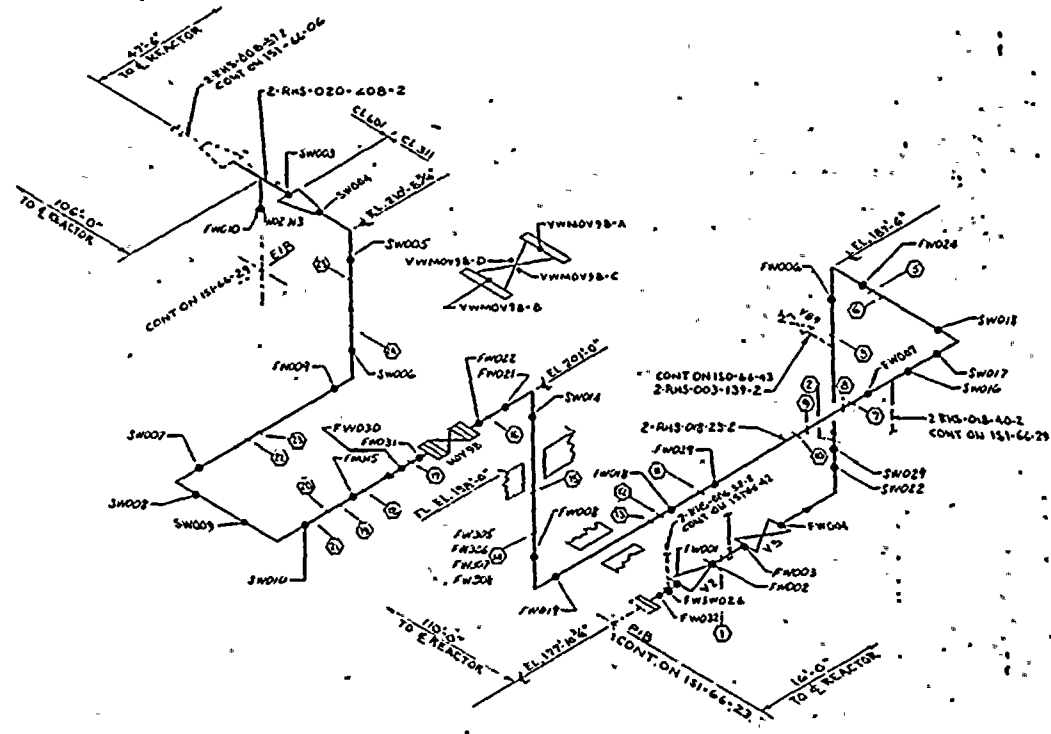
CLASS 2  
 LPCI LOOP B  
 SHUTDOWN COOLING LOOP B  
 DWG NO ISI-66-23

DRAWN BY W. STEWART  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BZ NO
1	2 RWS-020-408-2	BT-71CA
2	PSLT 818	AEI
3	PSLP 872	ADQ
4		
5	PSM 065	BZ
6	PSLP 849	ASH
7	PSLP 797	ASH
8	PSM 06A	BY
9	PSLP 771	AEI
10	PSLP 772	AEI
11	PSM 065	BZ
12	PSLT 733	ADQ
13	PSLT 734	ADQ
14	PSM 062	DM
15	PSLP 704	BJ
16	PSLP 778	AEI
17	PSLT 841	ALL
18	PSM 041	EV
19	PSLP 776	AEV
20	PSLP 774	AEV
21	PSLT 847	AEV
22	PSLP 770	AEV
23	PSM 059	BT
24	PSLT 819	NDP
25	PSLP 7857	FACE
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 66-24-RMS  
 4 ALL SUPPORTS PRECEDED BY 2 RWS

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-24-AA  
 ASME CONTROL DAG 1/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2 RWS

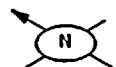
NO	DATE	REVISION	BY	CHKD	APPR
2	7/25/64	REVISED PER CR109,162, ISO 66-24-X & IWF-CR54	WJ	DF	WJ
1	7/1/65	REVISED PER PSI PLAN UPDATE	WJ	SLH	WJ
0	7/1/65	SWIC RELEASED FOR PRESERVICE INSPECTION	WJ	SLH	WJ

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

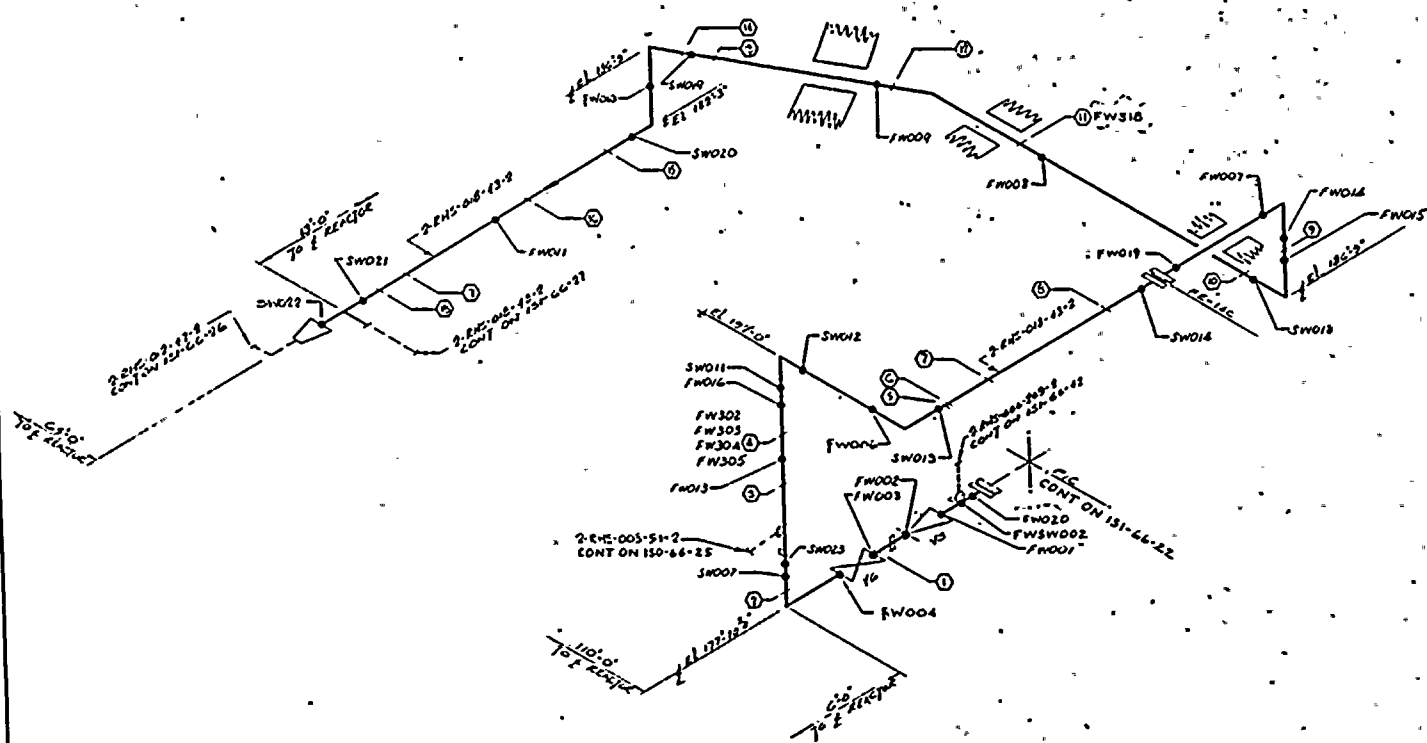
**CLASS 2 - SHUTDOWN COOLING LOOP B**  
 DWG NO ISI-66-24

DRAWN BY J.L. WALL  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BT NO.
1	2EHS-PESH04-A7	BT 71CC
2	1-PESH07	7E
3	1-PESH08	AFH
4	1-PESH09	CDI
5	1-PESH12	AEH
6	1-PESH15	AEH
7	1-PESH20	CE
8	1-PESH01	CF
9	1-PESH04	ACL
10	1-PESH05	AG
11	1-PESH06	BS
12	1-PESH07	BF
13	1-PESH08	BE
14	1-PESH09	BD
15	1-PESH10	BC
16	1-PESH11	BA
17	1-PESH12	BA
18	1-PESH13	BA
19	1-PESH14	AZ
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**LEGEND**

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

**NOTES:**

- 1 SCALE: NONE
  - 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
  - 3 ALL WELDS PRECEDED BY CC-25-2HS
  - 4 ALL SUPPORTS PRECEDED BY 2EHS
- REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING  
 ISOMETRAC CC-25-X  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2EHS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/96	REVISED PER CR 80,81,167 & ISO 66-25X	EL	CH	WAT
1	7/1/95	REVISED PER PSI PLAN UPDATE	EL	CH	WAT
0	7/1/95	SWEC RELEASED FOR PRESERVICE INSPECTION	EL	CH	WAT

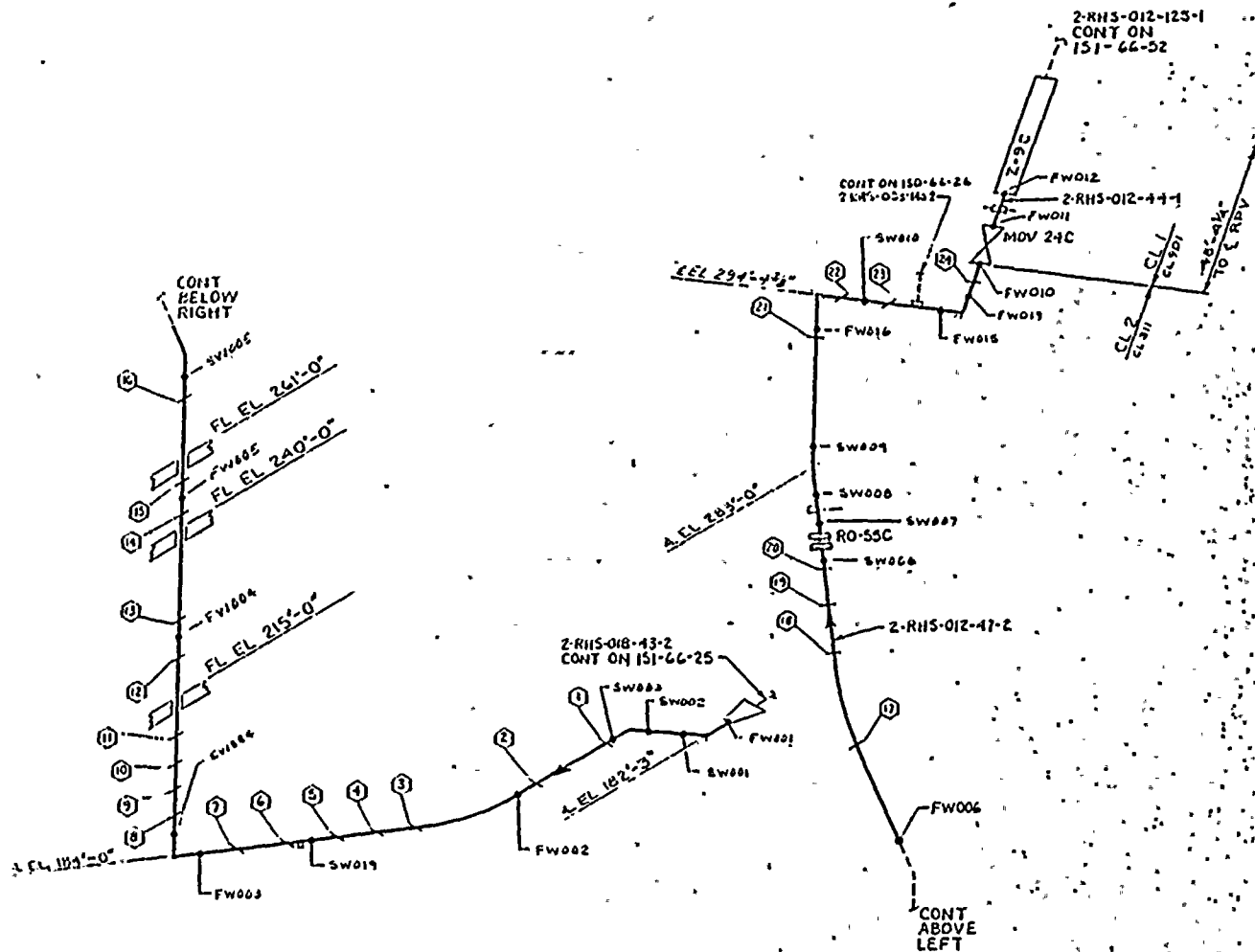
NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM

NIAGARA MOHAWK POWER CORPORATION

CLASS 2 LPCI LOOP C  
DWG NO ISI-66-25

DRAWN BY: P. BOGGS  
CHKD BY: J. DAVID





NO	PIPE SUPPORT	BZ NO. 1
1	2-RHS-012-123-1	62-71-AY
2	PSI-019	AV
3	PSI-018	AV
4	PSI-017	AV
5	PSI-016	AU
6	PSI-015	AV
7	PSI-014	AS
8	PSI-013	AK
9	PSI-012	AO
10	PSI-011	AP
11	PSA-010	AM
12	PSI-009	AG
13	PSA-008	AG
14	PSI-007	AM
15	PSA-006	AM
16	PSA-005	NA
17	PSI-004	OS
18	PSI-003	OS
19	PSI-002	OS
20	PSI-001	OS
21	PSI-000	OS
22	PSI-000	OS
23	PSI-000	OS
24	PSI-000	OS

LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD  
 NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 2-RHS  
 4. ALL SUPPORTS PRECEDED BY 2-RHS  
 REFERENCES:  
 III GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-26-V  
 ASME CONTROL Dwg. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2-RHS

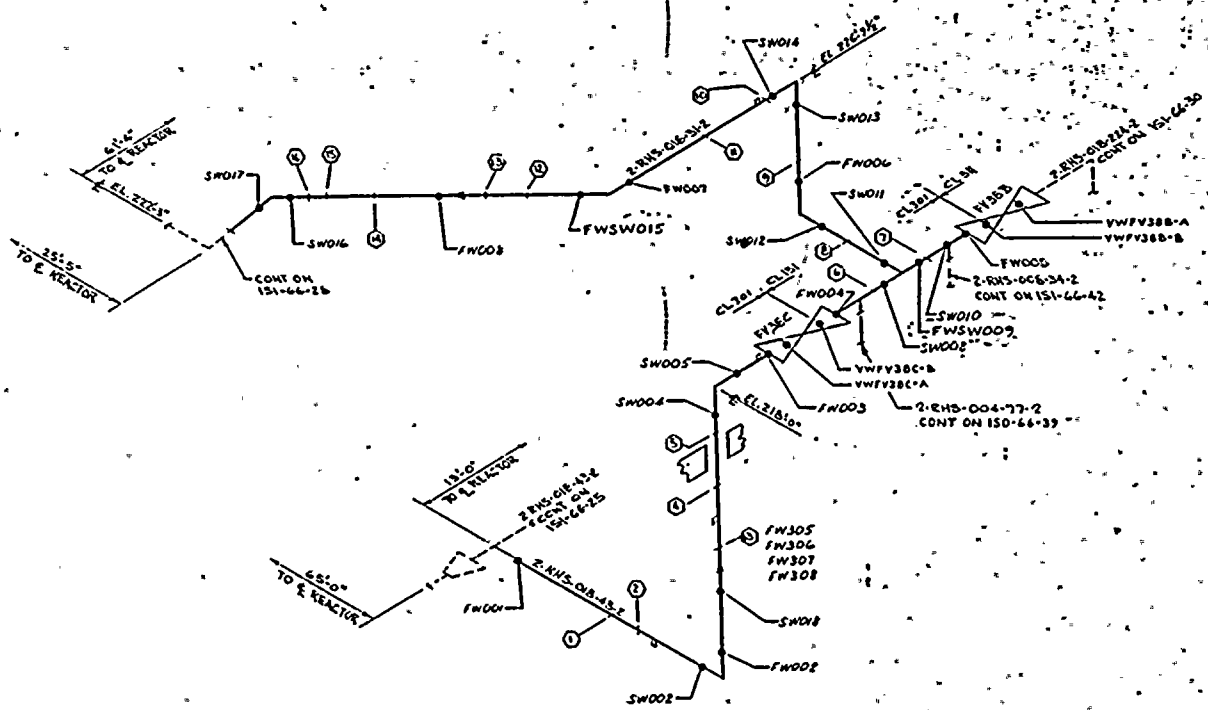
NO	DATE	REVISION	BY	CHKD	APPD
2	7/14/84	REVISED PER NF-CR-45,96647 ALSO ISO 66-26-V	GR	AS	MSB
1	6/1/84	REVISED PER PSI PLAN UPDATE	GR	JK	JK
0	4/18/83	SWEC RELEASED FOR PRESERVICE INSPECTION	GR	JK	JK

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1&2 - LFCI LOOP C  
 DWG NO ISI-66-26  
 DRAWN BY L. ST. G. TAP  
 CHKD BY J. DAVID







NO.	PIPE SUPPORT	BZ NO.
1	2-RHS-PSSP049-2	BZ-718M
2	PSSM040	B1
3	PRA 051	B4
4	PST 054	TA
5	PSS 052	SA
6	PSS 053	TA
7	PSSM 100	TA
8	PSS 037	CA
9	PSSP 055	CA
10	PSSM 107	TA
11	PSSP 050	TA
12	PSS 054	TA
13	PSS 152	CA
14	PRA 185	ACM
15	PSS 036	TA
16	PER 151	EW
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE 1:100  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 66-29-RWS  
 4 ALL SUPPORTS PRECEDED BY 2-RWS

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-27-C  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-RWS

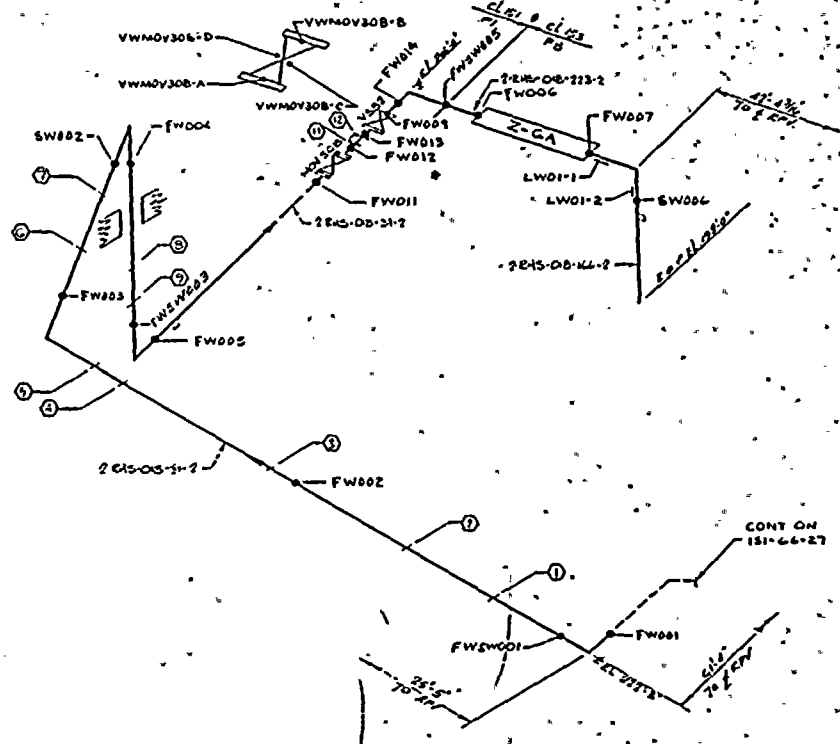
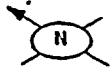
NO.	DATE	REVISION	BY	CHKD	APPR
2	7/2/76	REVISED PER CR 82 ALSO INT-CR-48 ALSO ISO 66-27-C	LS	CAF	TOP
1	1/1/75	REVISED PER PSI PLAN UPDATE	LS	SLT	TOP
0	1/1/75	SWEC RELEASED FOR PRESERVICE INSPECTION	LS	SLT	TOP

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 2 - LPCI LOOP B & C  
 DWG NO' ISI-66-27

DRAWN BY: J. P. BELL  
 CHECKED BY: J. P. BELL





NO.	PIPE SUPPORT	BZ NO.
1	-PS1 912	7E
2	-PS1 913	7E
3	-PS1 914	7E
4	-PS1 915	7E
5	-PS1 916	7E
6	-PS1 917	7E
7	-PS1 918	7E
8	-PS1 919	7E
9	-PS1 920	7E
10	-PS1 921	7E
11	-PS1 922	7E
12	-PS1 923	7E
13	-PS1 924	7E
14	-PS1 925	7E
15	-PS1 926	7E
16	-PS1 927	7E
17	-PS1 928	7E
18	-PS1 929	7E
19	-PS1 930	7E
20	-PS1 931	7E
21	-PS1 932	7E
22	-PS1 933	7E
23	-PS1 934	7E
24	-PS1 935	7E
25	-PS1 936	7E
26	-PS1 937	7E
27	-PS1 938	7E
28	-PS1 939	7E
29	-PS1 940	7E
30	-PS1 941	7E
31	-PS1 942	7E
32	-PS1 943	7E
33	-PS1 944	7E
34	-PS1 945	7E
35	-PS1 946	7E
36	-PS1 947	7E

**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY CC-28-RHS  
 4. ALL SUPPORTS PRECEDED BY 2E45

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC CC-28-AB  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY.  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2E45

NO.	DATE	REVISION	BY	CHKD	APPR
2	7/24/82	REVISED PER CR 85, CR 106 ALSO NPT-CR-101112 ALSO ISO 66-28-AB	W	AI	MB
1	1/14/82	REVISED PER PSI PLAN UPDATE	W	ST	MB
0	7/14/82	SWEC RELEASED FOR PRESERVICE INSPECTION	W	ST	MB

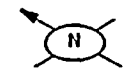
**NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**

NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

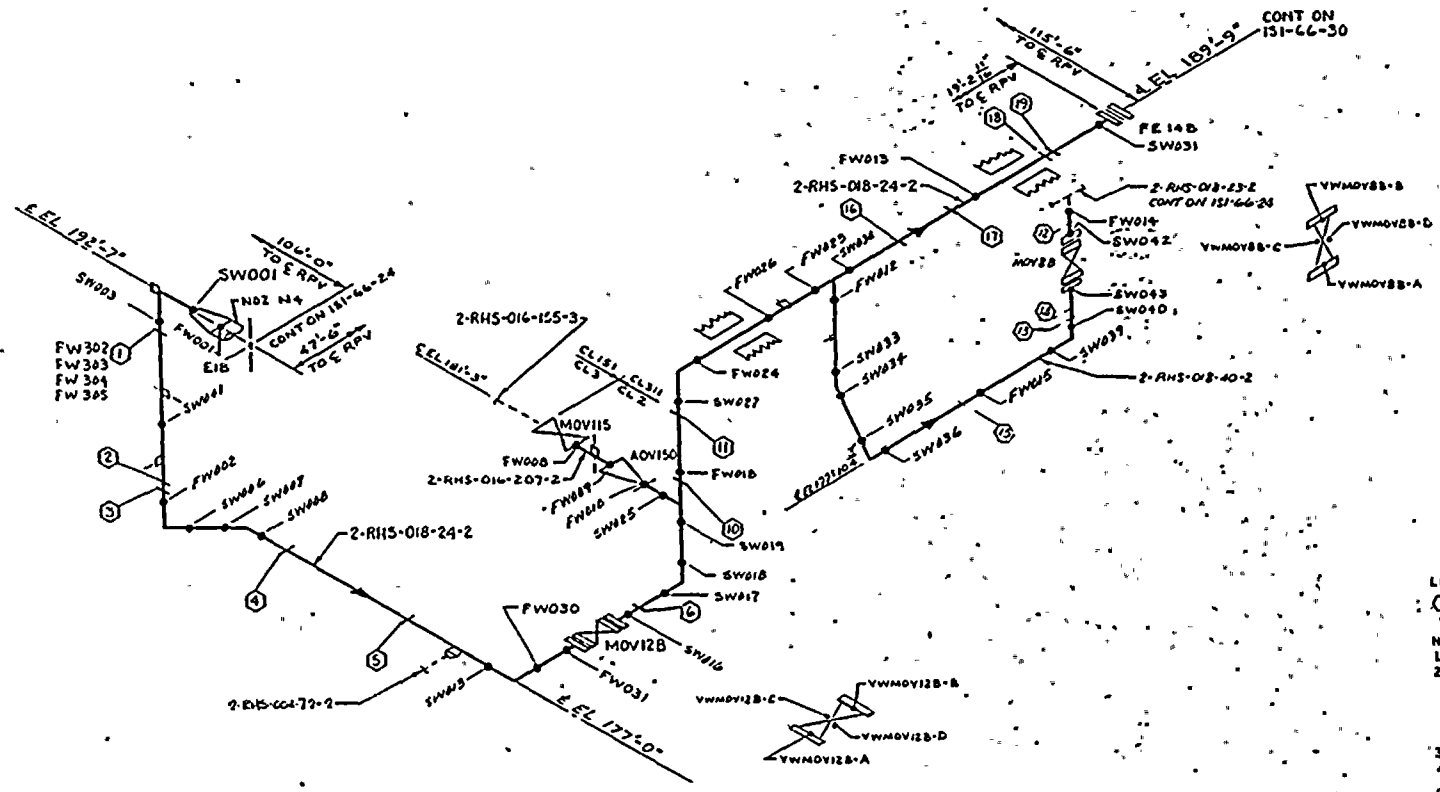
**CLASS 2 LPCI LOOP B & C  
 DWG NO ISI-66-28**

DRAWN BY: J. DAVY  
 CHKD BY: J. DAVY





NO	PIPE SUPPORT	BZ NO
1	RHS-015-075-A2	52-77-PA
2	FSP-001	ADG
3	FSP-027	ADG
4	FSP-025	ADW
5	FSP-058	DJ
6	FSP-001-A2	ACT
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8		
9		
10	FSP-001-A2	ACT
11	FSP-114	EA
12	FSP-B0	ADP
13	FSP-P39	ADJ
14	FSP-029	ADJ
15	FSP-025	ADG
16	FSP-027	DJ
17	FSP-001	ADG
18	FSP-101	EM
19	RHS-FSP-001-A2	52-78-ADG
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 66-29-RHS  
 4. ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 - IIT CRINNELL INDUSTRIAL PIPING ISOMETRIC 66-29-AP  
 - ASME CONTROL Dwg N/A

**NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**

NIAGARA MOHAWK POWER CORPORATION

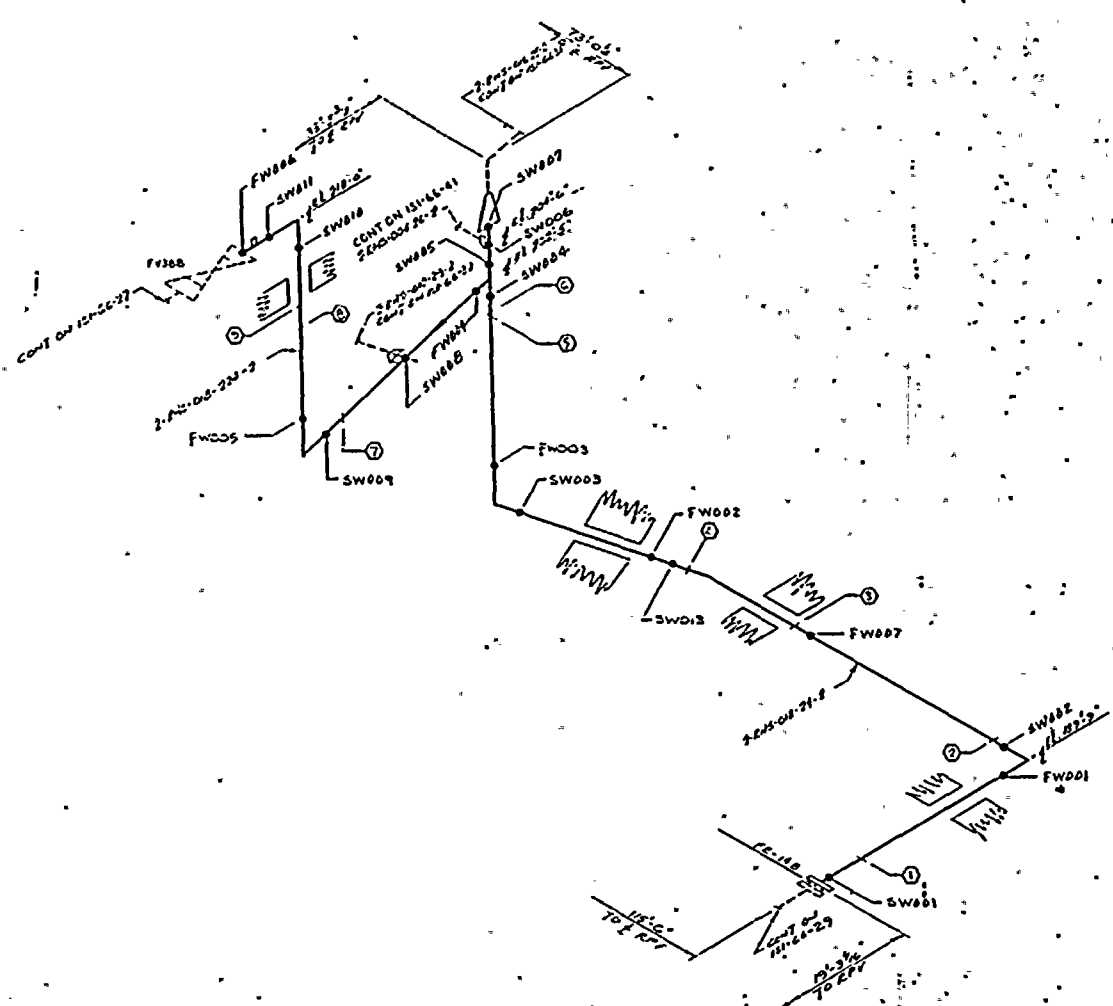
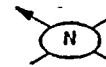
CLASS 2 SHUTDOWN COOLING LOOP B  
 DWG NO ISI-66-29

DRAWN BY L.H. STANG  
 CHKD BY J. DAVID

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2RHS\*

NO	DATE	REVISION	BY	CHKD	APPR
2	7/25/66	REVISED PER CR 06-155 ALSO INFC-CR-49 ALSO ISO 66-29-AP	LD	LD	LD
1	7/24/65	REVISED PER PSI PLAN UPDATE	LD	LD	LD
0	7/15/65	SWIC RELEASED FOR PRESERVICE INSPECTION	LD	LD	LD





NO	PIPE SUPPORT	62 NO
1	FW001	1
2	FW002	2
3	FW003	3
4	FW004	4
5	FW005	5
6	FW006	6
7	FW007	7
8	FW008	8
9	FW009	9
10	FW010	10
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED BY THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY CG-30-RHS  
 4. ALL SUPPORTS PRECEDED BY 2RHS

REFERENCES:  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC CG-30-L  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2RHS \*

NO	DATE	REVISION	BY	CHKD	APPR
2	2/24/06	REVISED PER ISO 66:30-L	LD	DL	DL
1	1/15/05	REVISED PER PSI PLAN UPDATE	LD	DL	DL
0	1/15/05	SWIC RELEASED FOR PRESERVICE INSPECTION	LD	DL	DL

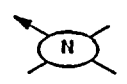
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION - UNIT 2  
 CLASS 2, SHUTDOWN COOLING LOOP B  
 DWG NO ISI-66-30

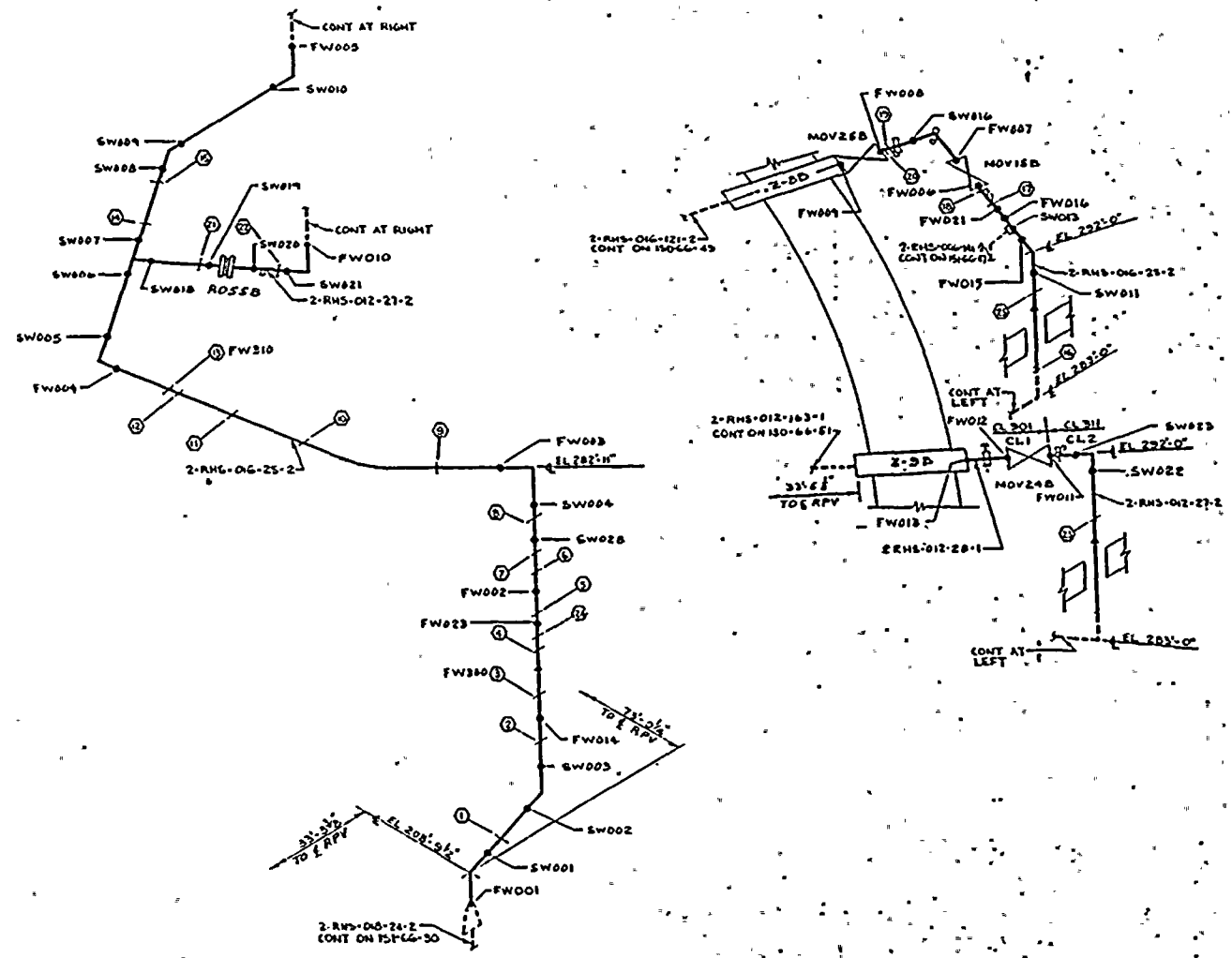
DRAWN BY J. DAVID  
 CHKD BY J. DAVID







NO.	PIPE SUPPORT	BZ NO.
1	2-RHS-016-121-2	RT-7-DN
2	PSA 073	AD1
3	PSSP 022-1	AD3
4	PSSP 024	ADU
5	PSSP 030	AD2
6	PSSP 025	AMK
7	976	AMK
8	977	AMK
9	PSSP 710	TD
10	PSSP 200	ACV
11	PSSP 218	AMU
12	PSSP 794	ACP
13	PSSP 793	ACM
14	PSSP 930	AMC
15	PSSP 067	AMC
16	PSSP 231	AMU
17	PSSP 061	AMC
18	PSSP 055	APL
19	PSSP 051	APL
20	PSSP 052	APL
21	PSSP 029	AMU
22	PSSP 029	AMU
23	PSSP 301	ADU
24	PSSP 2001	AMU
25	PSSP 2001	AMU
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY GG-31-RHS  
 4. ALL SUPPORTS PRECEDED BY TRMS

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC GG-31-AE1  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2-RHS

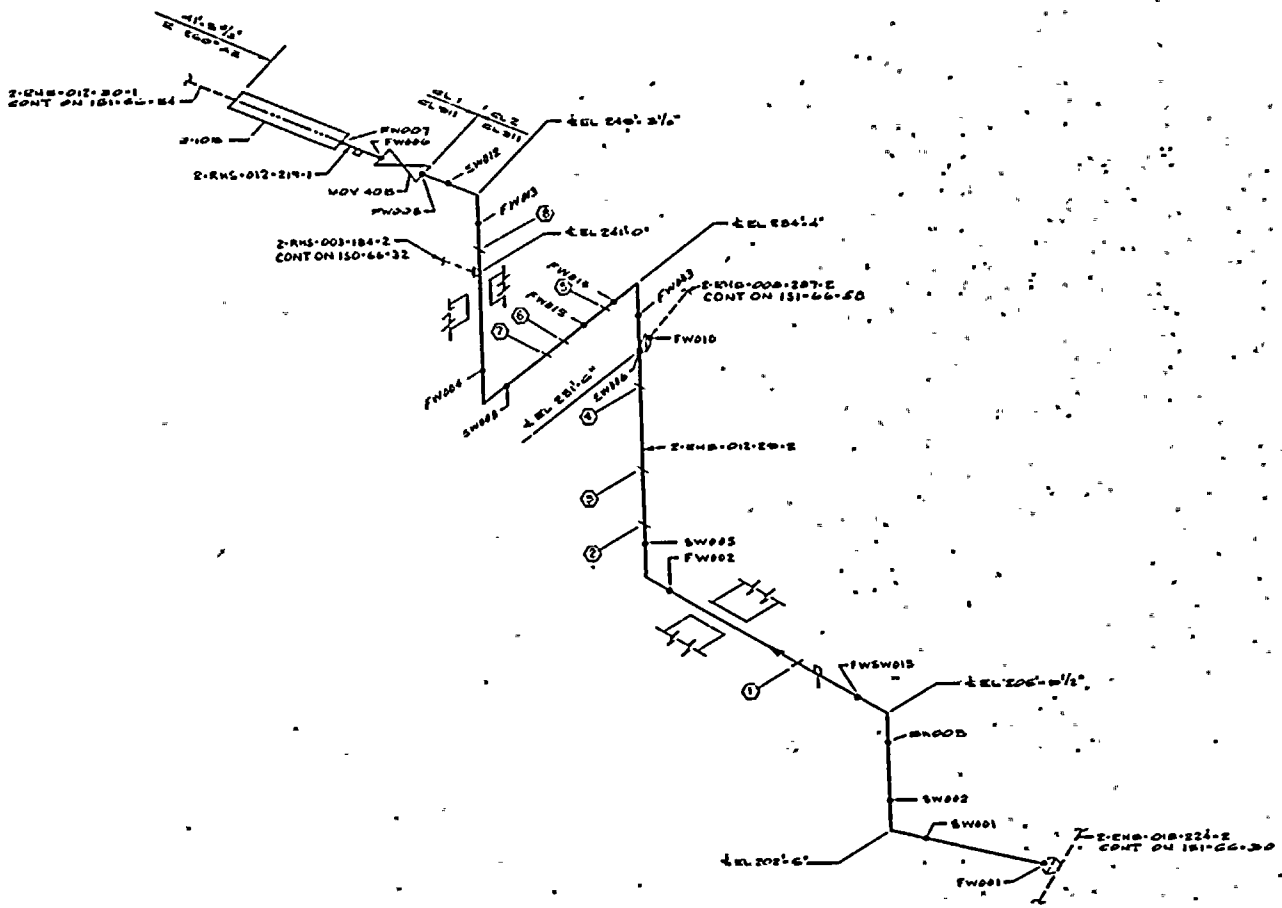
**NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**

NIAGARA MOHAWK POWER CORPORATION  
 LPCI LOOP B  
 SHUTDOWN COOLING LOOP B  
 DWG NO ISI-66-31

DRAWN BY W. STEWART  
 CHKD BY J. DAVID

NO.	DATE	REVISION	BY	CHKD	APPR
2	7/14/04	REVISED PER CR97 & ISO 66-31-AE	W. S.	J. D.	W. S.
1	7/14/04	REVISED PER PSI PLAN UPDATE	W. S.	J. D.	W. S.
0	7/14/04	SWEC RELEASED FOR PRESERVICE INSPECTION	W. S.	J. D.	W. S.
NO.	DATE	REVISION	BY	CHKD	APPR





NO	PIPE SUPPORT	SZ NO
1	FWSW015	7144
2	FW007	7144
3	FW006	7144
4	FW005	7144
5	FW004	7144
6	FW003	7144
7	FW002	7144
8	FW001	7144
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 66-32-RHS  
 4. ALL SUPPORTS PRECEDED BY 2-RHS

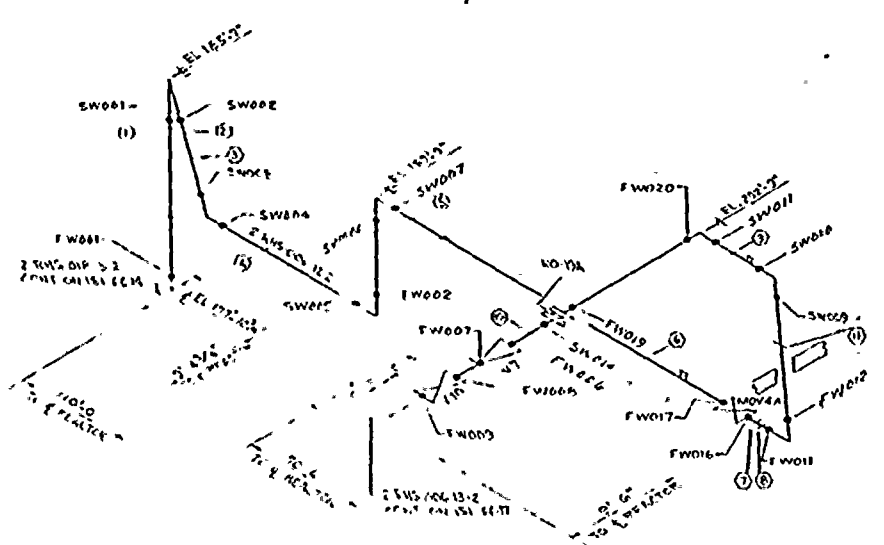
**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-32-X  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-RHS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/15/01	REVISED PER CR 87	LD	DA	JDA
1	7/15/01	REVISED PER PSI PLAN UPDATE	LD	DA	JDA
0	7/15/01	SWIC RELEASED FOR PRESERVICE INSPECTION	LD	DA	JDA

**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION  
**CLASS 1 & 2 SHUTDOWN COOLING LOOP B**  
**DWG NO ISI-66-32**  
 DRAWN BY J. REITZ  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	E2 NO.
1	EL. 165.57	22-1042
2	PSM 026	28
3	PSM 022	46
4	PSM 113	47
5	PSM 043	48
6	PSM 050	49
7	PSM 077	50
8	PSM 052	51
9	PSM 033	52
10	PSM 014	53
11	PSM 074	54
12	PSM 074	55
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 66-34-M113  
 4 ALL SUPPORTS PRECEDED BY 2 NWS

**REFERENCES:**  
 1 ET GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-34-M  
 ASME CONTROL DAG. 4/5A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2 NWS-A

NO.	DATE	REVISION	BY	CHKD	APPR
2	7/25/76	REVISED PER CR 88,164 ALSO INT-CR-1223 ALSO ISO 66-34-M	JL	DA	DA
1	7/1/75	REVISED PER PSI PLAN UPDATE	LJ	DA	DA
0	7/2/75	SWEC RELEASED FOR PRESERVICE INSPECTION	LJ	DA	DA

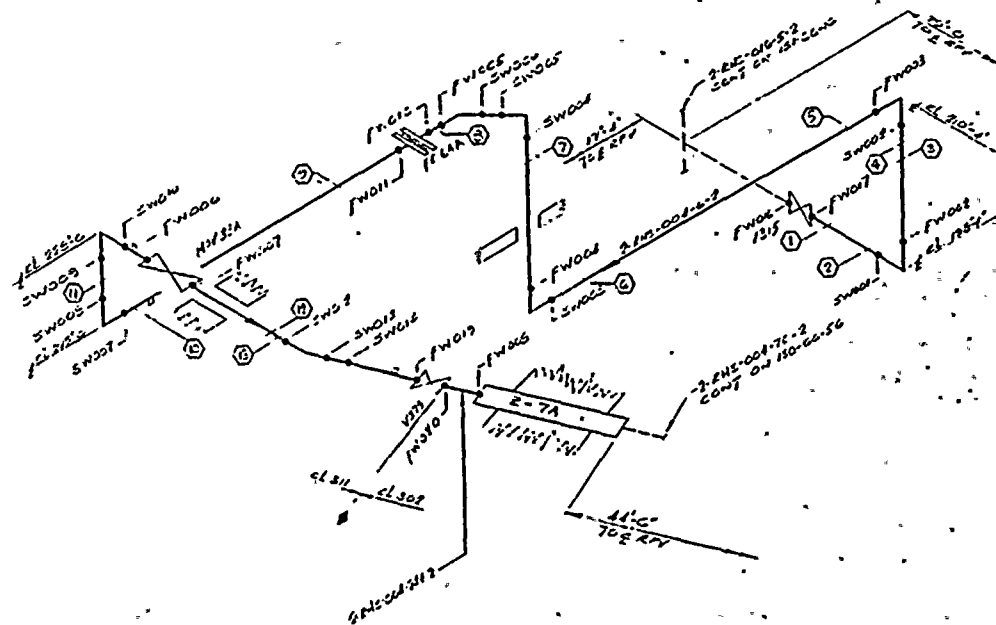
**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION  
 SHUTDOWN COOLING LOOP A  
 LPCI LOOP A  
 CLASS 2  
 DWG NO ISI-66-34

DRAWN BY J. J. DAVILA  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	SZ NO.
1	2 IN. DIA. 10 FT. L	1
2	2 IN. DIA. 10 FT. L	1
3	2 IN. DIA. 10 FT. L	1
4	2 IN. DIA. 10 FT. L	1
5	2 IN. DIA. 10 FT. L	1
6	2 IN. DIA. 10 FT. L	1
7	2 IN. DIA. 10 FT. L	1
8	2 IN. DIA. 10 FT. L	1
9	2 IN. DIA. 10 FT. L	1
10	2 IN. DIA. 10 FT. L	1
11	2 IN. DIA. 10 FT. L	1
12	2 IN. DIA. 10 FT. L	1
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LEGEND

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

NOTES:

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY 2 IN. DIA.
- 4 ALL SUPPORTS PRECEDED BY 2 IN. DIA.

REFERENCES:

- ITT GRINNELL INDUSTRIAL PIPING
- ISOMETRIC 66-36-5
- ASME CONTROL Dwg. 1/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2 IN. DIA.

NO	DATE	REVISION	BY	CHKD	APPR
1	7/24/66	REVISED PER CR 267	LD	DL	LD
0	7/21/66	SWEC RELEASED FOR PRESERVICE INSPECTION	LD	DL	LD

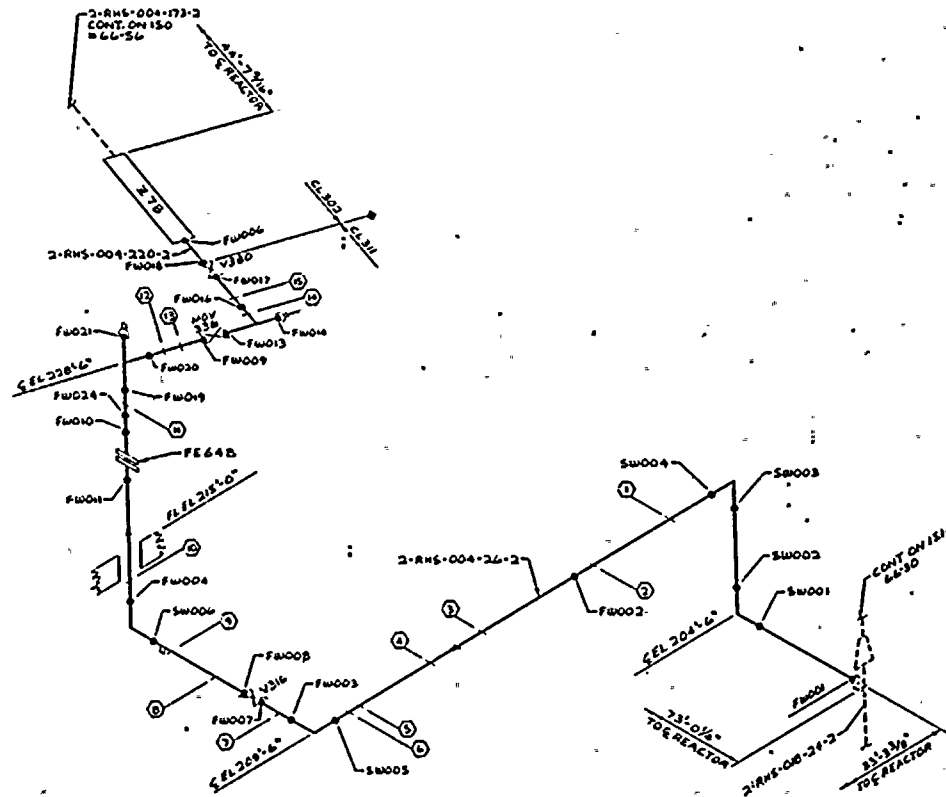
NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NIAGARA MOHAWK POWER CORPORATION

CLASS 2 SUPPR POOL SPRAY LOOP A  
DWG NO ISI-66-36

DRAWN BY S. TIGGERS  
CHKD BY J. DAVID







NO	PIPE SUPPORT	BZ NO
1	2-RHS-PSR406-A2	B2-71NK
2	PSR407	NY
3	PSR408	NZ
4	PSR409	PA
5	PSST410	PB
6	PSST411	PC
7	PSR-411	PC
8	PSST412	PD
9	PSST413	PE
10	PSR-413	PE
11	PSST414	PF
12	PSST415	PG
13	PSST416	PH
14	PSST417	PT
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**LEGEND**

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

**NOTES:**

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY 66-41-RHS
- 4 ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**

- ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-41-R
- ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2RHS

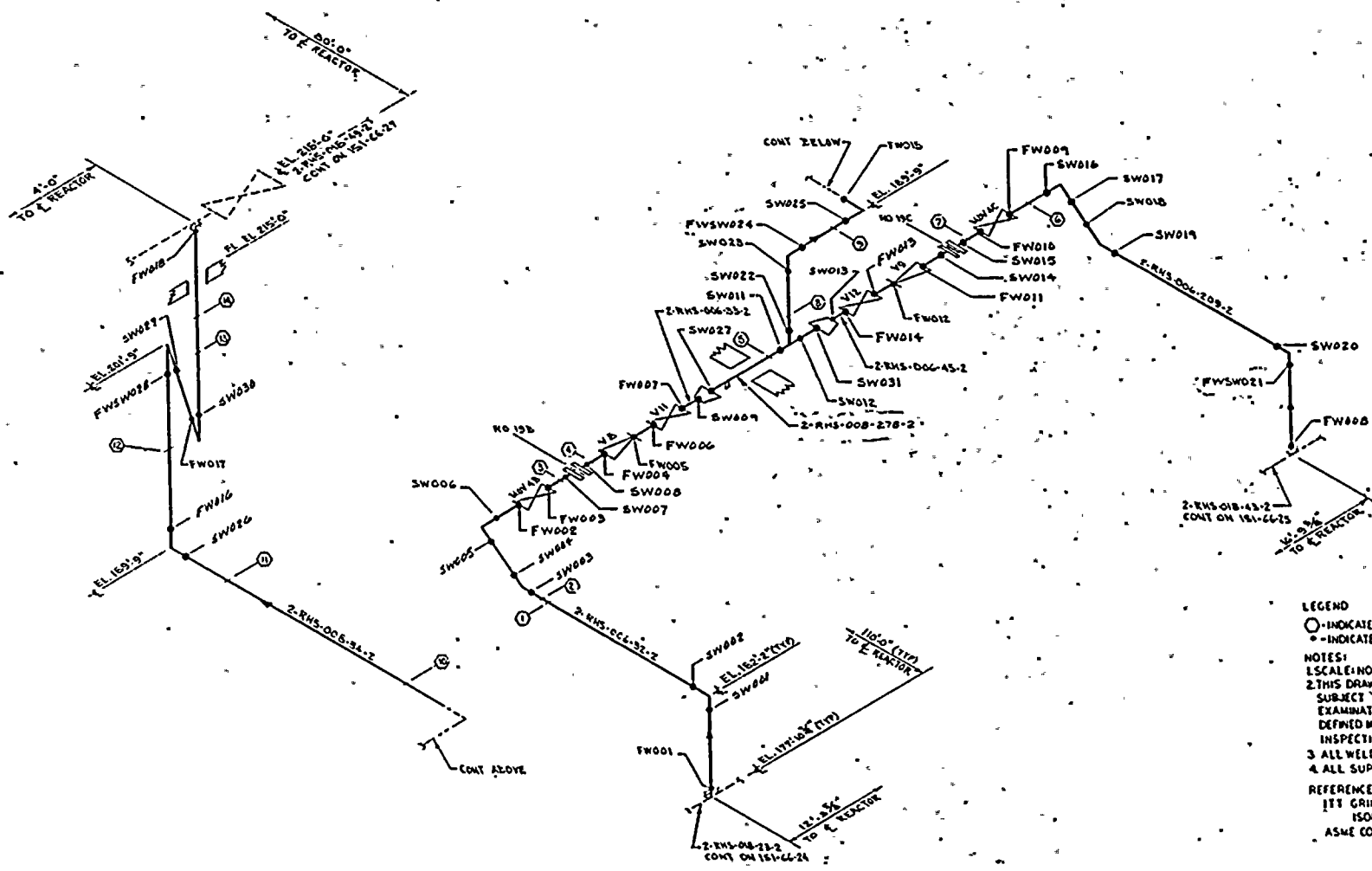
NO	DATE	REVISION	BY	CHKD	APPR
1	7/1/84	REVISED PER CR 10			
0	4/1/83	SWEC RELEASED FOR PRESERVICE INSPECTION			

NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

CLASS 2 SUPPER POOL SPRAY LOOP B  
DWG NO' ISI-66-41

DRAWN BY D. ESSLINGER  
CHKD BY S. HEMMERTZ





NO	PIPE SUPPORT	EQ NO.
1	2-RHS-006-45-2	21-110
2	PSPT08	24
3	PSPT20	ADP
4	PER 111	DA
5	PEST 112	DB
6	PEST 112	DT
7	PSPT 111	ADG
8	PEST 242	ADH
9	PEST 067	CE
10	PER 064	ADR
11	PER 064	ADD
12	PER 456	CG
13	PEST 450	RE
14	PER 064	RE
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 64-42-RHS  
 4. ALL SUPPORTS PRECEDED BY 2-RHS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-42-W  
 ASME CONTROL DAG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-RHS

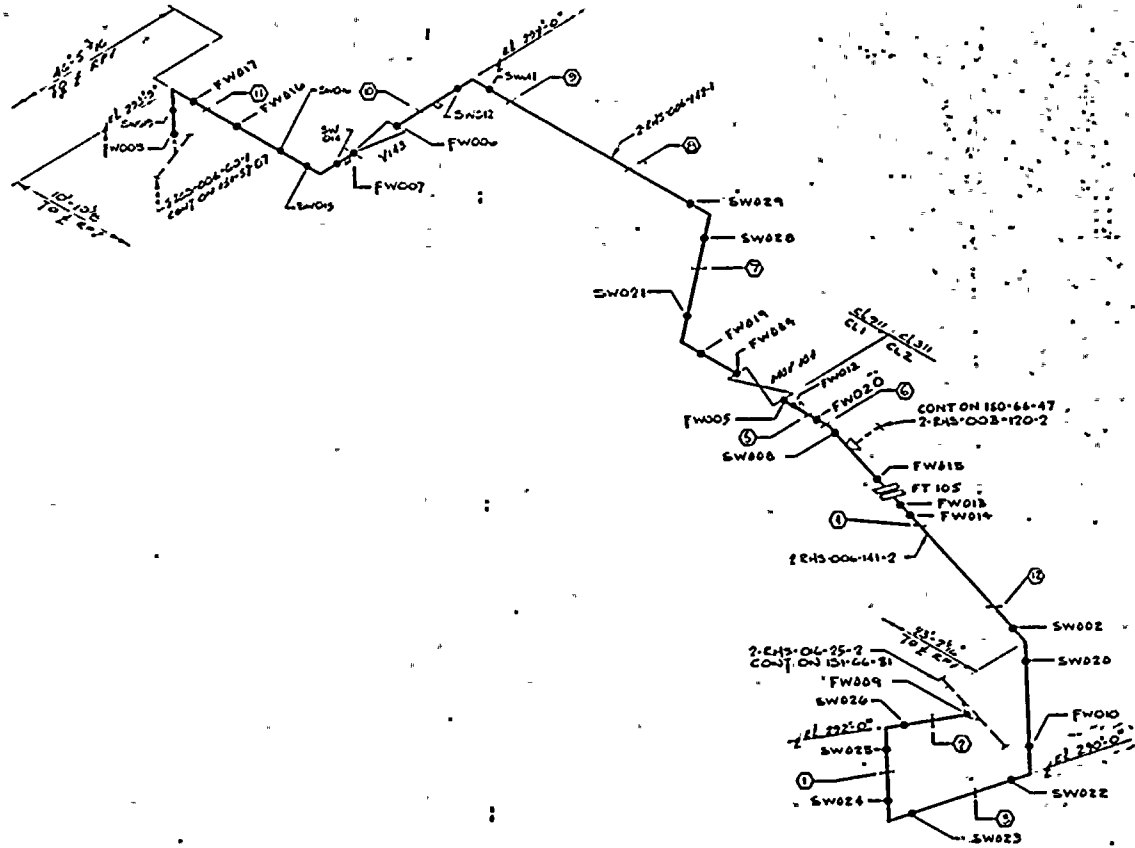
NO	DATE	REVISION	BY	CHKD	APPR
2	1/2/01	REVISED PER CR 9031180 ALSO 197-CR-37	LS	EN	WJL
1	1/2/01	REVISED PER PSI PLAN UPDATE	LS	SA	WJL
0	1/2/01	SWEC RELEASED FOR PRESERVICE INSPECTION	LS	SA	WJL

**NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**

NIAGARA MOHAWK NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION  
 SHUTDOWN COOLING LOOP B  
 LPCI LOOP B & C  
 DWG NO ISI-66-42

DRAWN BY: J. J. PHILLIPS  
 CHKD BY: J. DAVIDSON





NO	PIPE SUPPORT	BZ NO
1	PSM 1001	AMS
2	PSM 1002	AMS
3	PSM 1003	AMS
4	PSM 1004	AMS
5	PSM 1005	AMS
6	PSM 1006	AMS
7	PSM 1007	AMS
8	PSM 1008	AMS
9	PSM 1009	AMS
10	PSM 1010	AMS
11	PSM 1011	AMS
12	PSM 1012	AMS
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 66-47-RHS  
 4 ALL SUPPORTS PRECEDED BY 2-RHS

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-47-R;  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2RHS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/86	REVISED PER CR 92 ALSO IWF-CR-7 ALSO ISO 66-47-R	SL	SL	TR
1	7/23/85	REVISED PER PSI PLAN UPDATE	SL	SL	TR
0	7/21/81	SWEC RELEASED FOR PRESERVICE INSPECTION	SL	SL	TR

**NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM**

NIAGARA MOHAWK POWER CORPORATION

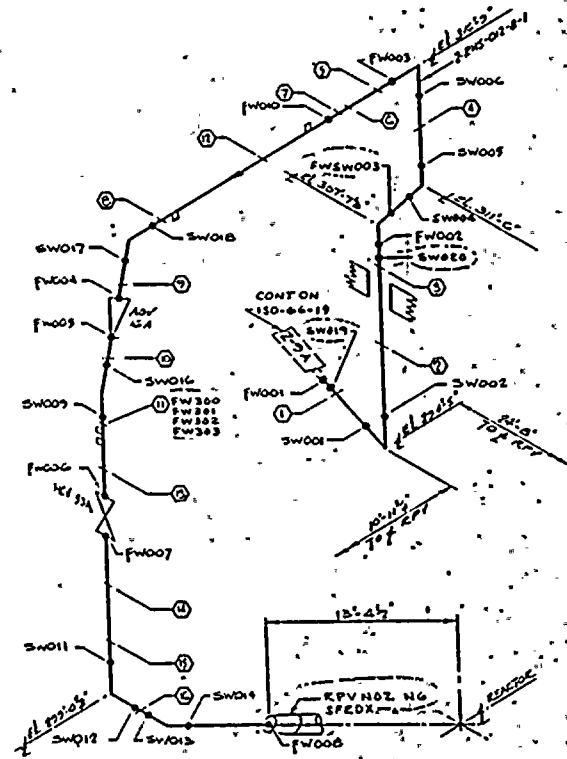
CLASS 1 & 2 SHUTDOWN COOLING LOOP B  
DWG NO ISI-66-47

DRAWN BY P. F. QUORCE  
CHKD BY DAVID





NO	PIPE SUPPORT	BZ NO
1	2645 PSM 316 A1	R2-71 LM
2	PSM 316	1
3	PSM 317	1
4	PSM 319	1
5	PSM 349	1
6	PSM 350	1
7	PSM 351	1
8	PSM 352	1
9	PSM 353	1
10	PSM 354	1
11	PSM 355	1
12	PSM 356	1
13	PSM 357	1
14	PSM 358	1
15	PSM 359	1
16	PSM 360	1
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY CC-50-RWS  
 4 ALL SUPPORTS PRECEDED BY 2645

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC CC-50-V  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2645

NO	DATE	REVISION	BY	CHKD	APPR
1	7/24/87	REVISED PER PSI PLAN UPDATE	JK	DA	
0	7/14/87	SWEC RELEASED FOR PRESERVICE INSPECTION	JK	DA	

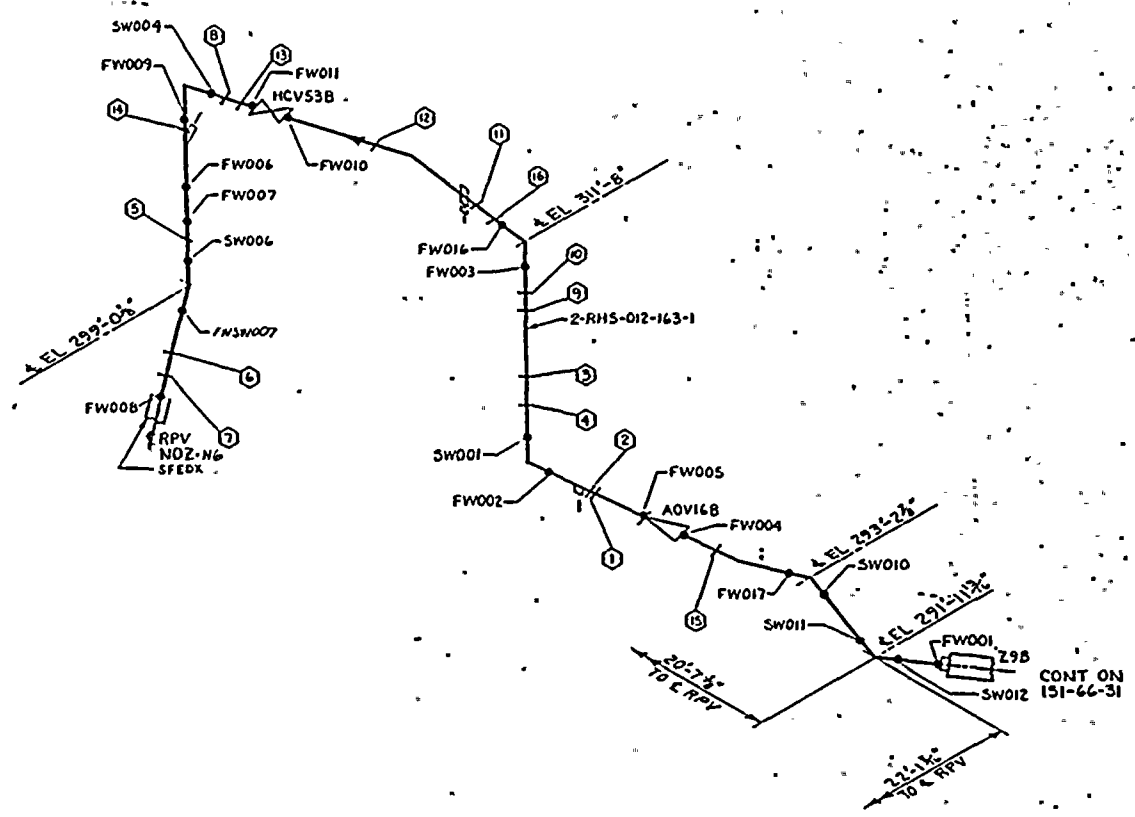
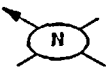
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS: I LPCI LOOP A  
 DWG NO ISI-66-50

DRAWN BY: J. DAVID  
 CHKD BY: J. DAVID







NO	PIPE SUPPORT	BZ NO.
1	FRS-PSS-293-A1	BE-70-BM
2	PSS-296	JM
3	PSS-295	JF
4	PSS-297	JG
5	PSS-309	KA
6	PSS-310	KB
7	PSS-311	KC
8	PSS-302	AKK
9	PSS-301	JS
10	PSS-303	JF
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12	PSS-305	JW
13	PSS-307	JY
14	PSS-308	JE
15	PSS-428	PK
16	FRS-PSS-354-A1	02-71-TM
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 66-SI-RHS.  
 4. ALL SUPPORTS PRECEDED BY ZRHS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-51-3  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE - EQUIPMENT NUMBERS PRECEDED BY ZRHS\*

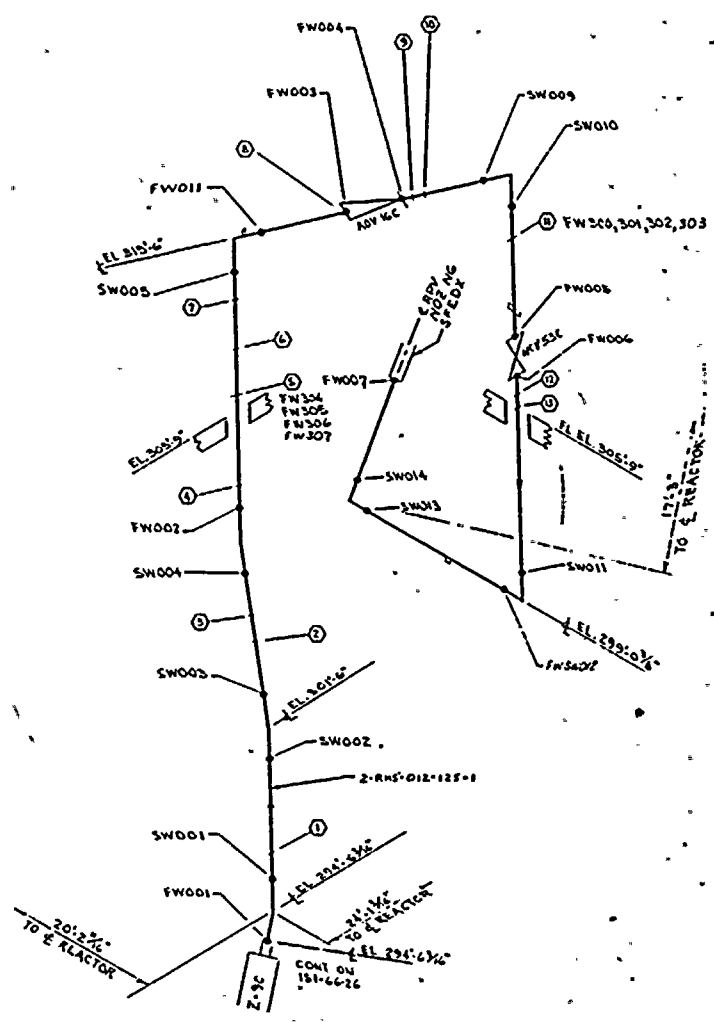
NO	DATE	REVISION	BY	CHKD	APPR
2	7/15/66	REVISED PER CR 39 ALSO INT-CR-55	W	W	W
1	7/15/66	REVISED PER PSI PLAN UPDATE	W	W	W
0	7/15/66	SWEC RELEASED FOR PRESERVICE INSPECTION	W	W	W

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS .1 LPCI LOOP B  
 DWG NO ISI-66-51

DRAWN BY LJM-STANG  
 CHKD BY J DAVID





NO	PIPE SUPPORT	BZ NO.
1	PSWP 911	AG 1
2	PSWP 912	AG 1
3	PSWP 913	AG 1
4	PSWP 914	AG 1
5	PSWP 915	AG 1
6	PSWP 916	AG 1
7	PSWP 917	AG 1
8	PSWP 918	AG 1
9	PSWP 919	AG 1
10	PSWP 920	AG 1
11	PSWP 921	AG 1
12	PSWP 922	AG 1
13	PSWP 923	AG 1
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NUPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 66-52-RMS  
 4. ALL SUPPORTS PRECEDED BY 2-RHS

**REFERENCES:**  
 1. ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-52-G  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-RHS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/2/82	REVISED PER CR 40	WJ	OT	Ted
1	10/1/81	REVISED PER PSI PLAN UPDATE	WJ	SH	SP
0	1/1/75	SWEC RELEASED FOR PRESERVICE INSPECTION	WJ	SH	SP

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

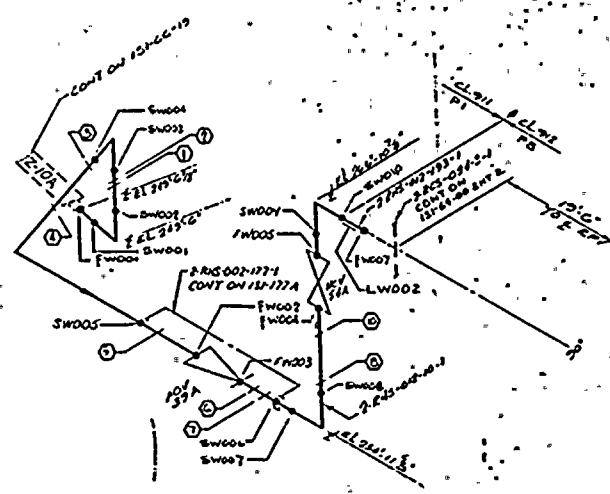
CLASS I LPCI LOOP C  
 DWG NO ISI-66-52

DRAWN BY J. J. DYLLA  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BZ NO
1	PSIP 001	AMC
2	PSIP 002	AMC
3	PSIP 003	AMC
4	PSIP 004	AMC
5	PSIP 005	AMC
6	PSIP 006	AMC
7	PSIP 007	AMC
8	PSIP 008	AMC
9	PSIP 009	AMC
10	PSIP 010	AMC
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 \* - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY GG-53-RHS  
 4. ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PILING  
 ISOMETRIC GG-53-L  
 ASME CONTROL Dwg N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVES AND EQUIPMENT NUMBERS PRECEDED BY 2RHS

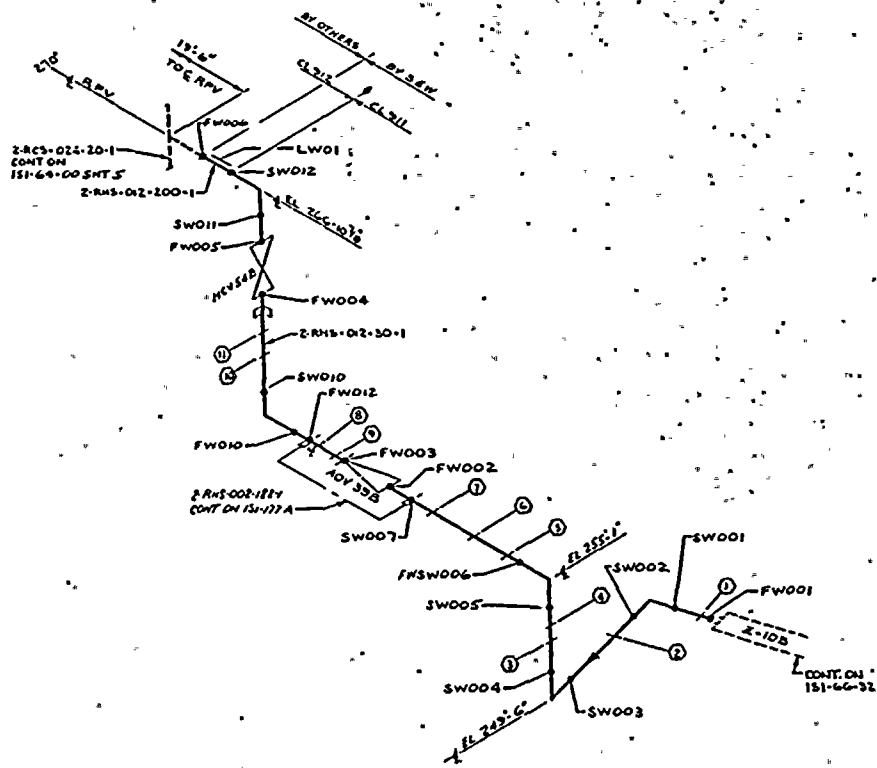
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 1 SHUTDOWN COOLING LOOP A**  
**DWG NO ISI-66-53**

DRAWN BY: J. D. J. P.  
 CHECK BY: J. D. J. P.

NO	DATE	REVISION	BY	CHKD	APPR
2	7/27/84	REVISED PER CR 106 & CR 183	LW	AM	MJW
1	7/23/81	REVISED PER PSI PLAN UPDATE	LW	SLT	SW
0	7/14/81	SWEC RELEASED FOR PRESERVICE INSPECTION	LW	SLT	JB





NO	PIPE SUPPORT	BZ NO
1	2RHS-PSP184A	02-714W
2	386	BZ
3	384	MM
4	385	NY
5	PSS483	MW
6	PSSP387	WA
7	182	MV
8	834	ACE
9	PSSM384	MX
10	PSSP280	MU
11	PSSP381	UB
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY GG-54-RMB  
 4. ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING  
 ISOMETRIC GG-54-S  
 ASME CONTROL DWG W/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2RHS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/25/86	REVISED PER CR106 E ISO 66-54-S	L	ST	ST
1	3/11/85	REVISED PER PSI PLAN UPDATE	L	ST	ST
0	7/8/85	SWEC RELEASED FOR PRESERVICE INSPECTION	L	ST	ST

**NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM**

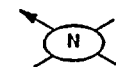
NIAGARA MOHAWK POWER CORPORATION

**CLASS 1 - SHUTDOWN COOLING LOOP B**  
**DWG NO ISI-66-54**

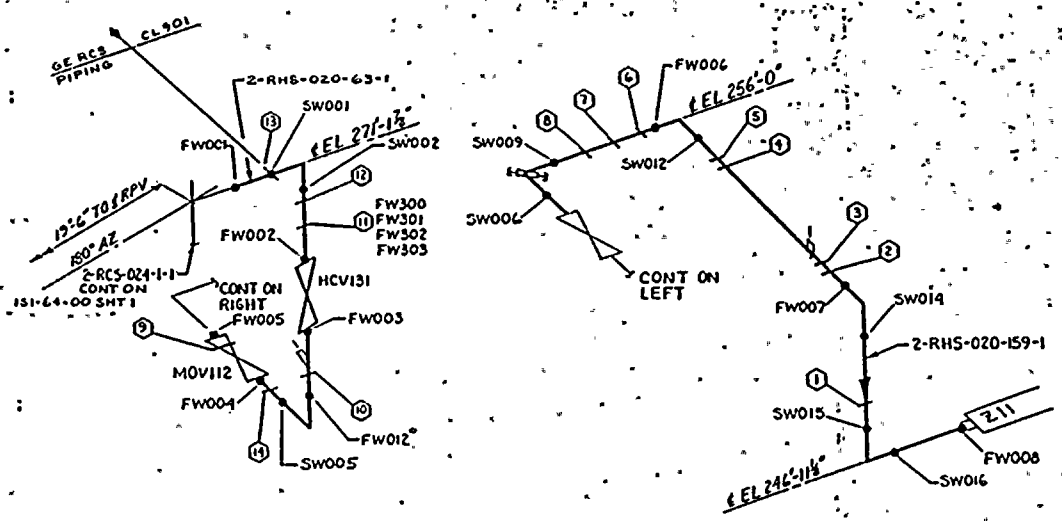
DRAWN BY W. STEWART  
 CHKD BY J. DAVID







NO	PIPE SUPPORT	EZ NO
1	2-RHS-020-63-1	27-71-AMZ
2	PSSP-941	ALA
3	PSSP-942	ALB
4	PSSP-943	ALC
5	PSSP-970	ALD
6	PSSP-971	ALE
7	PSSP-972	ALF
8	PSSP-973	ALG
9	PSSP-975	ALH
10	PSSP-976	ALI
11	PSSP-977	ALJ
12	PSSP-978	ALK
13	PSSP-979	ALM
14	2-RHS-020-159-1	52-71-AP1
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 66-55-RHS  
 4 ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 ITI CRINNELL INDUSTRIAL PIPING  
 ISOMETRIC 66-55-AF  
 ASME CONTROL DWG N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE - EQUIPMENT NUMBERS PRECEDED BY 2RHS\*

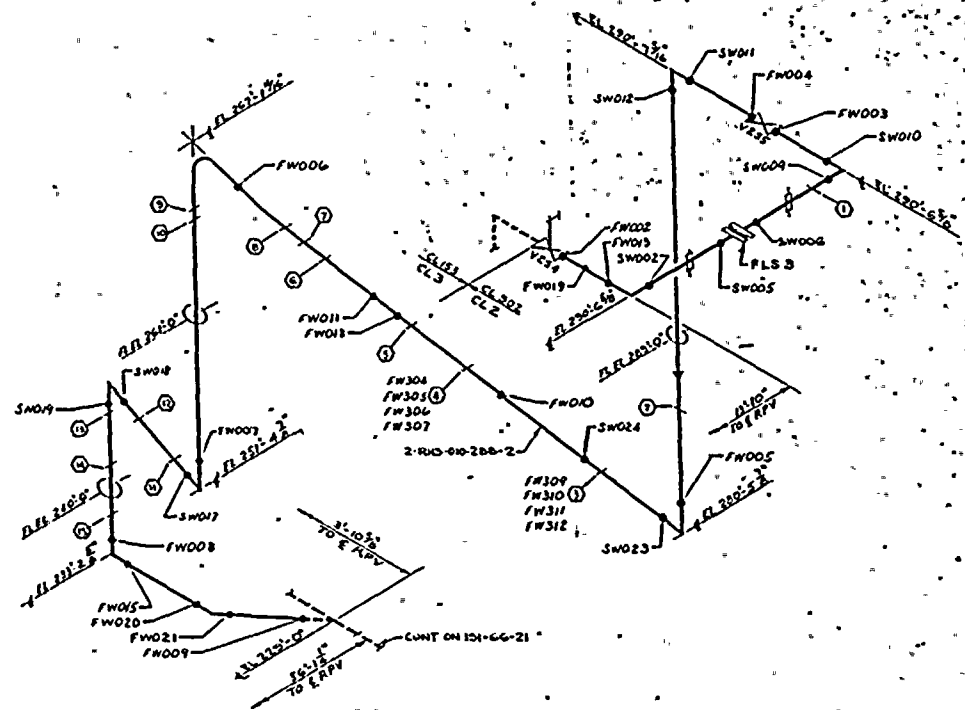
NO	DATE	REVISION	BY	CHKD	APPR
1	7/25/88	REVISED PER PSI PLAN UPDATE	LH	SLH	SLH
0	7/15/88	SWEC RELEASED FOR PRESERVICE INSPECTION	LH	SLH	SLH

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 1. SHUTDOWN COOLING LOOP A & B**  
 DWG NO ISI-66-55

DRAWN BY L.H. STANG  
 CHKD BY J. DAVIDS





NO.	PIPE SUPPORT	BZ NO.
1	PSR 1038 A2	22-71AMZ
2	PSR 344	LC
3	PSR 343	LC
4	PSR 342	LC
5	PSM 341	LC
6	PSF 338	LC
7	PSF 340	LC
8	PSM 339	LC
9	PSF 351	AMT
10	PSF 352	AMT
11	PSR 355	LC
12	PSF 355	AMT
13	PSF 334	LC
14	PSF 1032	AM A
15	PSF 1033	AM B
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN.  
 3. ALL WELDS PRECEDED BY 66-57-RHS  
 4. ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC 66-57-P  
 ASME CONTROL DWG N/A

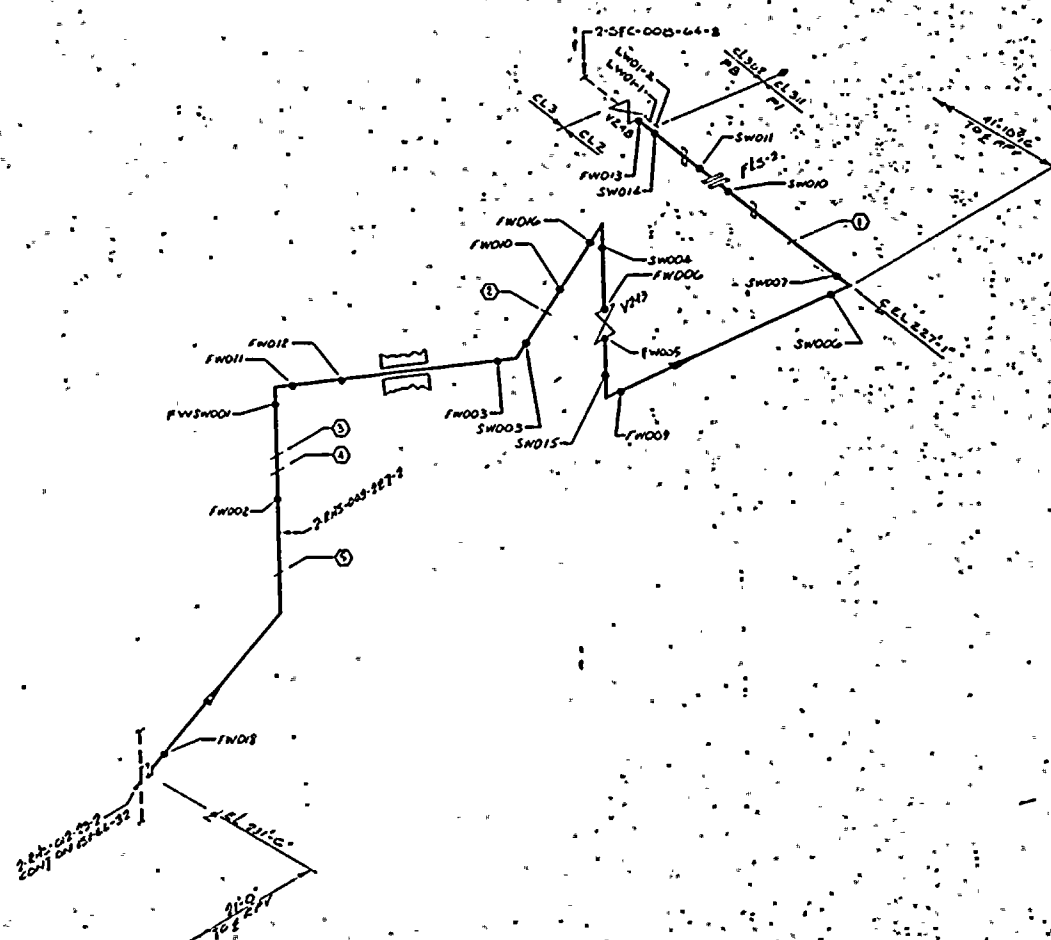
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2RHS

NO.	DATE	REVISION	BY	CHKD	APPR
2	2/24/84	REVISED PER CR 98,165 E ISO 66-57-L	LS	LS	MS
1	2/14/84	REVISED PER PSI PLAN UPDATE	LS	LS	MS
0	2/14/84	SWEC RELEASED FOR PRESERVICE INSPECTION	LS	LS	MS

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION  
 CLASS: 2 SPENT FUEL POOL SUPPLY SHUTDOWN COOLING LOOP A  
 DWG NO ISI-66-57

DRAWN BY W. STEWART  
 CHKD BY J. DAVIP





NO	PIPE SUPPORT	BZ NO.
1	2 RMS PER CR17	RE-114E
2	PSM-105	ALT
3	PSM-101	ALT
4	PSM-107	ALT
5	PSM-102	NS
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY CC-58-RMS  
 4 ALL SUPPORTS PRECEDED BY 2 RMS

REFERENCES:  
 1 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC CC-58-Q  
 ASME CONTROL DWG. N/A

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2 RMS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/25/80	REVISED PER CR17B & CR10G			
1	2/11/85	REVISED PER PSI PLAN UPDATE			
0	7/4/85	SWEC RELEASED FOR PRESERVICE INSPECTION			

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NIAGARA MOHAWK POWER CORPORATION  
 CLASS 2 SFC RETURN LOOP B  
 SHUTDOWN COOLING LOOP B  
 DWG NO 151-66-58

DRAWN BY J. GEORGE  
 CHKD BY J. DAVID



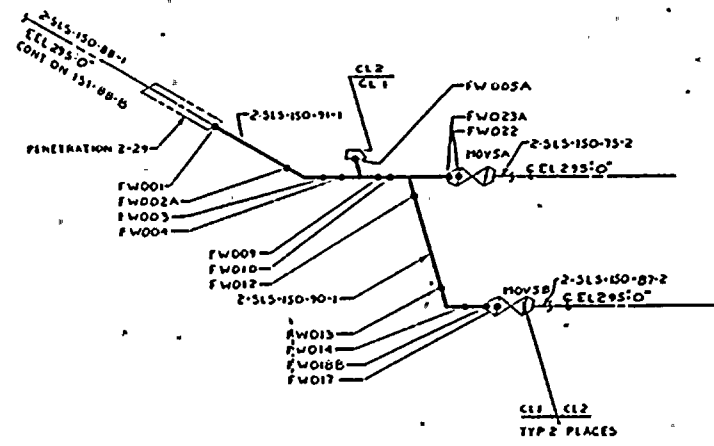








NO.	PIPE SUPPORT	EQ. NO.
1	N/A	N/A
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 3LS-75A  
 4. ALL SUPPORTS PRECEDED BY 2SLS

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL DWG 2SLS-75-A-20  
 PID-86A-1 (ZONE J,K-3)

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY.  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SLS.

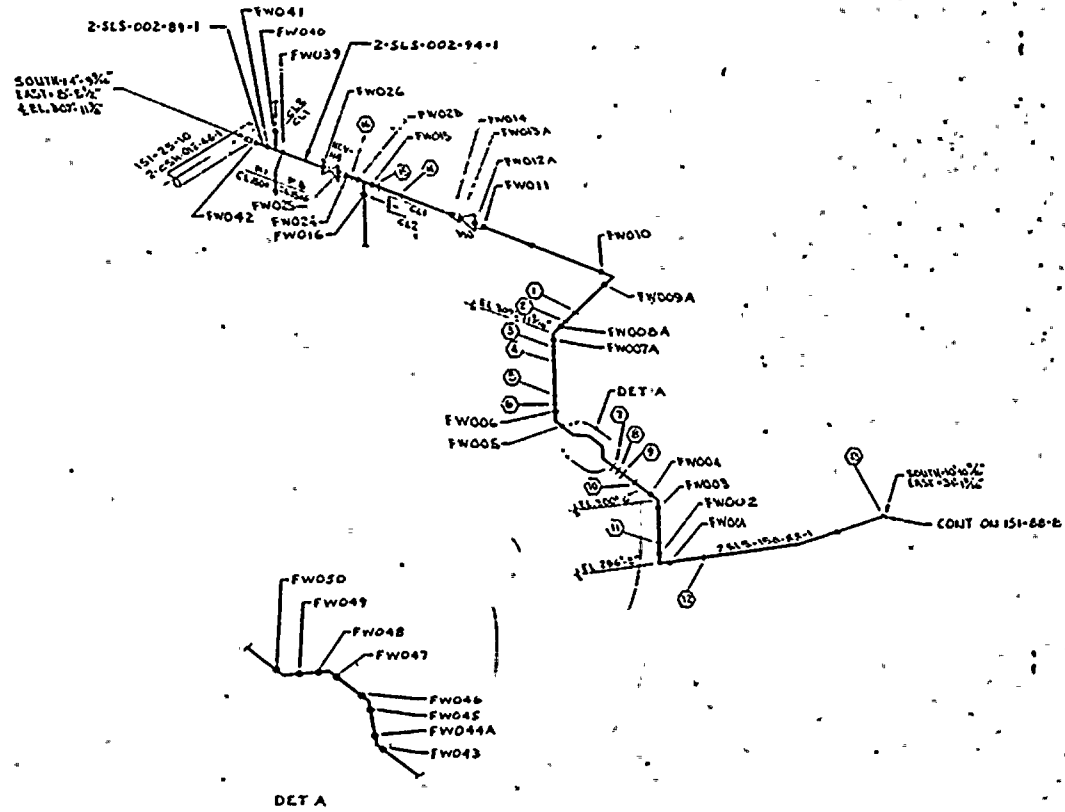
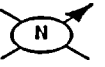
NO.	DATE	REVISION	BY	CHKD	APPR
0	7/2/80	SWIC RELEASED FOR PRESERVICE INSPECTION PER CR 58150	LS	LS	LS

NMP2  
**WELD & COMPONENT IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 1**  
**DWG NO ISI-75-A**

DRAWN BY W.E. Jones  
 CHKD BY J. DAVID





NO	PIPE SUPPORT	BZ NO.
1	2-SLS-002-89-1	52-75 CB
2	PSM 100	CB
3	PSA 076	BA
4	PSP 032	BA
5	PSI 073	BA
6	PSI 076	BA
7	PSI 099	CA
8	PSI 070	BA
9	PSI 074	BA
10	PSI 072	BA
11	VER 070	BA
12	VER 065	BA
13	VER 066	BA
14	PSM 102	CB
15	PSM 112	CB
16	PSM 114	CB
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 ● - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY 5LS-006A  
 4 ALL SUPPORTS PRECEDED BY 2 SLS

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC W/A  
 ASME CONTROL DWG 2-SLS-88-A-10

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2-SLS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/22/84	REVISED PER CR6,748,659 AND CR174	EL	EL	EL
1	7/22/84	REVISED PER PSI PLAN UPDATE	EL	EL	EL
0	7/10/84	SWIC RELEASED FOR PRESERVICE INSPECTION	EL	EL	EL

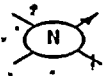
**NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM**

NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

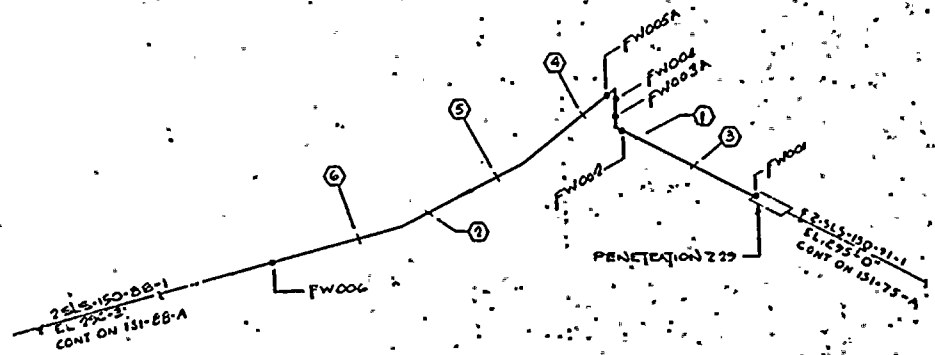
**CLASS 1  
 DWG NO ISI-88-A**

DRAWN BY J.A. FULLI  
 CHD BY J. DAVID





NO	PIPE SUPPORT	BT NO.
1	2SL5 P11C02A1	82-72RV
2	PSR 044A1	82-72B2
3	PSY 044A1	82-72AT
4	PSY 116-A1	82-72CA
5	PSR 040A1	82-72AB
6	PSR 044A1	82-72AD
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NUPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY 2SL5-0888  
 4. ALL SUPPORTS PRECEDED BY 2SL5

**REFERENCES:**  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL Dwg 2SL5-08-B-4  
 P10-BGA-1(20-JC 3K-3)

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY.  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2SL5

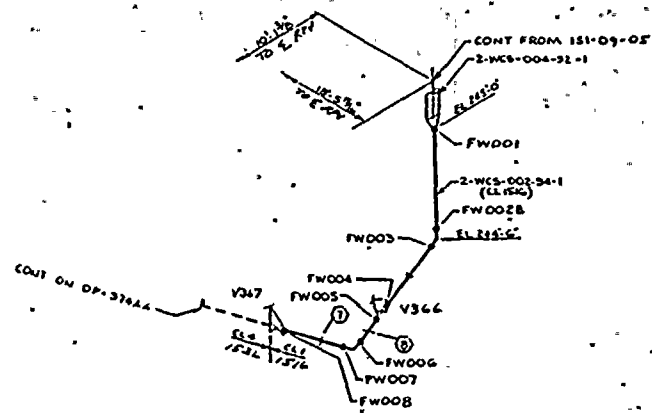
NO	DATE	REVISION	BY	CHKD	APPR
2	7/1/76	REVISED PER CRB E 9	SL	SL	SL
0	7/3/76	SWEC RELEASED FOR PRESERVICE INSPECTION	SL	SL	SL

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS I  
 DWG NO ISI-88-B

DRAWN BY S. F. BOGGE  
 CHKD BY S. HELMOWITZ





NO	PIPE SUPPORT	BZ NO.
1		
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7	2-WCS-003-94-1	BZ-747E
8	1 FISHB	BZ-747E
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY WCS-094A  
 4 ALL SUPPORTS PRECEDED BY 2WCS

REFERENCES:  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL Dwg 2-WCS-94-A.5

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2WCS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/13/05	REVISED PER CR 11	JL	SLR	JM
1	2/25/05	REVISED PER PSI PLAN UPDATE	JL	SLR	JM
0	3/25/05	SWEC RELEASED FOR PRESERVICE INSPECTION	JL	SLR	JM

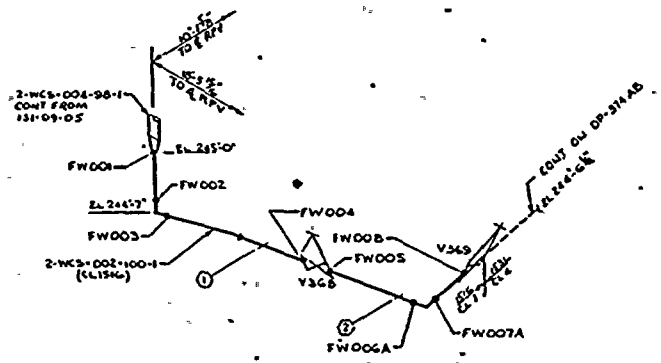
NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1  
 DWG NO ISI-94-A

DRAWN BY W. D'EGWART  
 CHKD BY J. DAVID







NO	PIPE SUPPORT	BZ NO.
1	2-WCS-PS54-R24-01	BZ-2455
2	2-WCS-PS54-R78-01	BZ-2456
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**LEGEND**  
 ○ - INDICATES PIPE SUPPORT  
 \* - INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY WCS-100A  
 4 ALL SUPPORTS PRECEDED BY 2WCS

**REFERENCES:**  
 IIT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL D&G 2-WCS-100-A-4

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2WCS

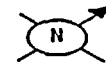
NO	DATE	REVISION	BY	CHKD	APPR
2	7/27/86	REVISED PER CR12	6	01	01
1	3/27/85	REVISED PER PSI PLAN UPDATE	6	28	01
0	2/25/85	SWEC RELEASED FOR PRESERVICE INSPECTION	6	28	01

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

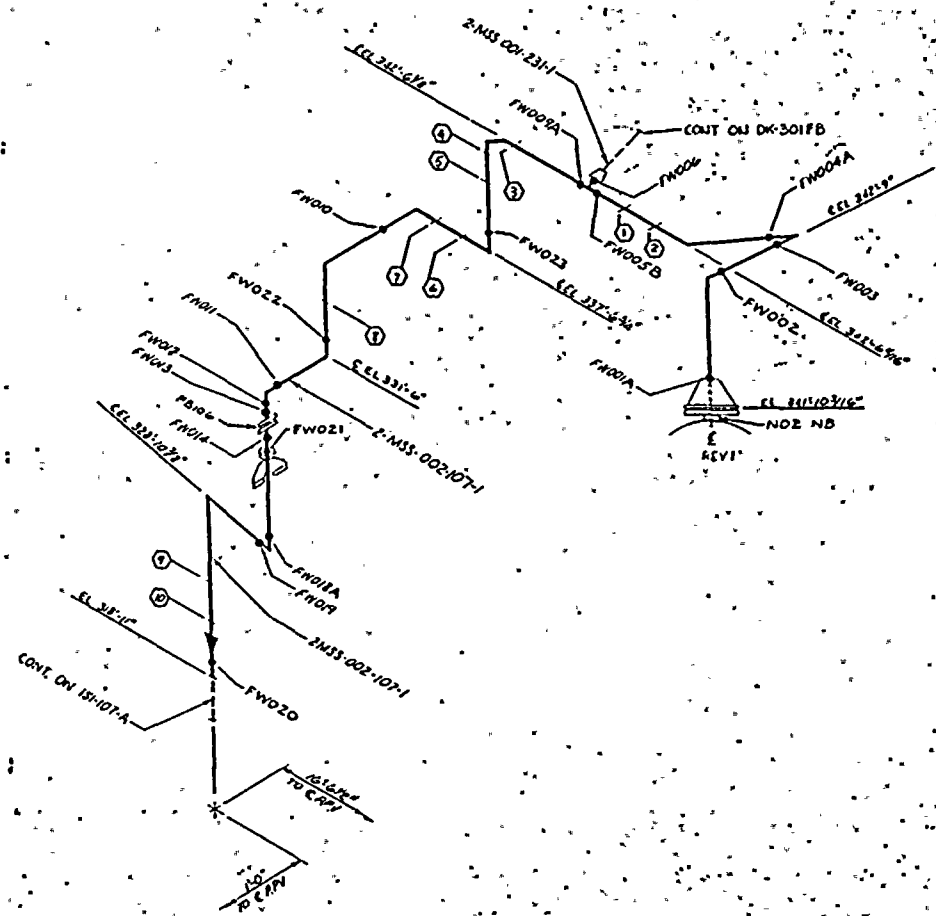
CLASS 1  
 DWG NO ISI-100-A

DRAWN BY W. STEWART  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	MS106A1	BT-2FT
2	MS106A2	BT-2FT
3	MS106A3	BT-2FT
4	MS106A4	BT-2FT
5	MS106A5	BT-2FT
6	MS106A6	BT-2FT
7	MS106A7	BT-2FT
8	MS106A8	BT-2FT
9	MS106A9	BT-2FT
10	MS106A10	BT-2FT
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY MSS-106A  
 4. ALL SUPPORTS PRECEDED BY 2MSS

REFERENCES:  
 ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL Dwg 2-MSS-106-A-13

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS

NO.	DATE	REVISION	BY	CHKD	APPR
2	7/1/76	REVISED PER CH 25 THRU 31 E CH 47, 49, 222, 272, ALSO DWG 2-MSS-106-A-13	WJ	WJ	WJ
1	7/1/76	REVISED PER PSI PLAN UPDATE	WJ	WJ	WJ
0	7/1/76	SWEC RELEASED FOR PRESERVICE INSPECTION	WJ	WJ	WJ

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

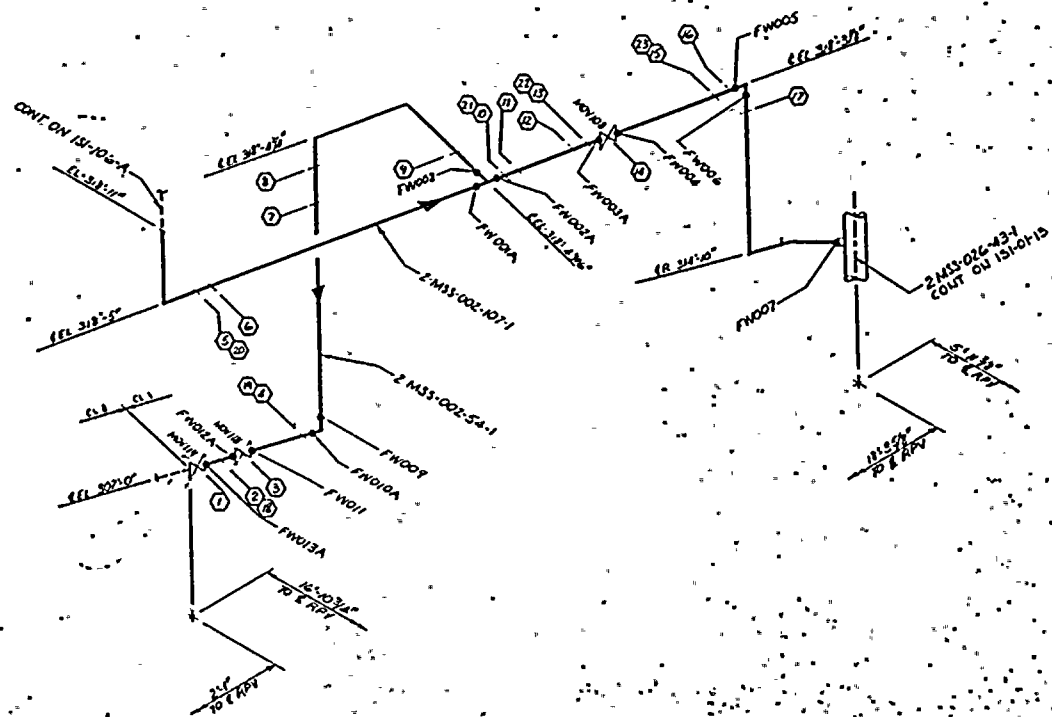
CLASS 1 MSS REACTOR HEAD VENT  
 DWG NO ISI-106-A

DRAWN BY J. ANSELMO  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	2MSS1 P51A011 A1	87-2 EY
2	P51P305	ER
3	P51P308	ER
4	P51P309	EA
5	P51P312	ER
6	P51H304	AC
7	P51P330	EA
8	P51P331	EA
9	P51P402	EH
10	P51P406	FD
11	P51H307	FA
12	P51H308	EU
13	P51P400	EE
14	P51P401	EM
15	P51P403	EG
16	P51H309	EK
17	P51P404	EL
18	P51P313	EW
19	P51P314	EA
20	P51P315	EB
21	P51P316	ED
22	P51P405	EE
23	P51P406	EG
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1 SCALE: NONE  
 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMPC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3 ALL WELDS PRECEDED BY MSS-1074  
 4 ALL SUPPORTS PRECEDED BY 2MSS

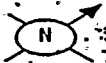
**REFERENCES:**  
 1 ITT GRINNELL INDUSTRIAL PIPING ISOMETRAX 1/4"  
 ASME CONTROL DWG 2-MSS-107-A-5

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MSS

NO	DATE	REVISION	BY	CHKD	APPR
2	7/24/66	REVISED PER CR 2			
1	7/21/65	REVISED PER PSI PLAN UPDATE		SLT	
0	1/10/65	SWIC RELEASED FOR PRESERVICE INSPECTION		SLT	

**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NIAGARA MOHAWK POWER CORPORATION  
 NIAGARA MOHAWK POWER STATION - UNIT 2  
**CLASS 'J' MSS REACTOR HEAD VENT**  
**DWG NO ISI-107-A**  
 DRAWN BY S. ANSELMO  
 CHKD BY J. DAVID





NO.	PIPE SUPPORT	BZ NO.
1	2MS5 P557 303A7	RP159AV
2	P557 305	AA
3		
4	P557 440	CA
5	P557 434	CE
6	P557 431	CD
7	P557 434	DE
8	P557 435	CA
9	P557 436	CE
10	P557 437	CE
11	P557 443	CG
12	P557 441	CG
13	P557 433	CF
14	P557 432	CF
15	P557 431	CF
16	P557 432	AA
17	P557 432	AA
18	P557 432	CF
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LEGEND

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

NOTES:

- 1 SCALE: NONE
- 2 THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
- 3 ALL WELDS PRECEDED BY MSS-110A
- 4 ALL SUPPORTS PRECEDED BY 2MS5 PER DP-302X-4

REFERENCES:

- 111 GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A
- ASME CONTROL DAG 2-MSS-110-A-9

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
ALL VALVE AND EQUIPMENT NUMBERS PRECEDED BY 2MS5

NO.	DATE	REVISION	BY	CHKD	APPR
2	7/1/84	REVISED PER CRD, INT-CR-89856 ALSO 2-MSS-110-A-9	WJ	AS	WJ
1	6/15/84	REVISED PER PSI PLAN UPDATE	WJ	SL	WJ
0	7/1/83	SWIC RELEASED FOR PRESERVICE INSPECTION	WJ	SL	WJ

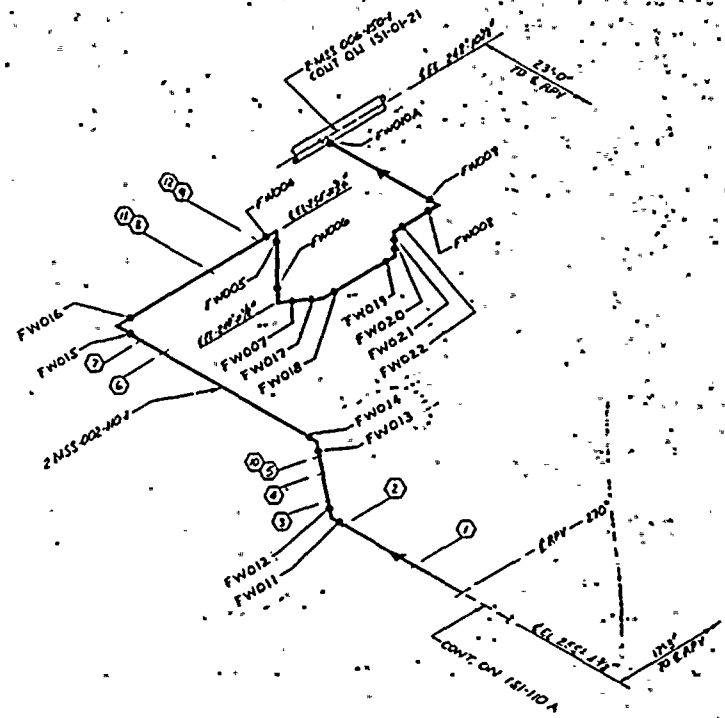
NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION  
CLASS I MSS ICS' DRAIN  
DWG NO ISI-110-A  
DRAWN BY S. ANSELMO  
CHKD BY J. DAVID







NO.	PIPE SUPPORT	BZ. NO.
1	MISS 200-201	BZ-119/AL
2	PSS 219	AE
3	PSS 218	AE
4	PSS 217	AE
5	PSS 216	AE
6	PSS 215	AE
7	PSS 214	AE
8	PSS 213	AE
9	PSS 212	AE
10	PSS 211	AE
11	PSS 210	AE
12	PSS 209	AE
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**LEGEND**  
 ○ INDICATES PIPE SUPPORT  
 ● INDICATES NON-EXEMPT WELD

**NOTES:**  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NUPIC PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY MISS-1108  
 4. ALL SUPPORTS PRECEDED BY 2 MISS

**REFERENCES:**  
 1. ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A  
 ASME CONTROL Dwg 2-MISS-110-B-3

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

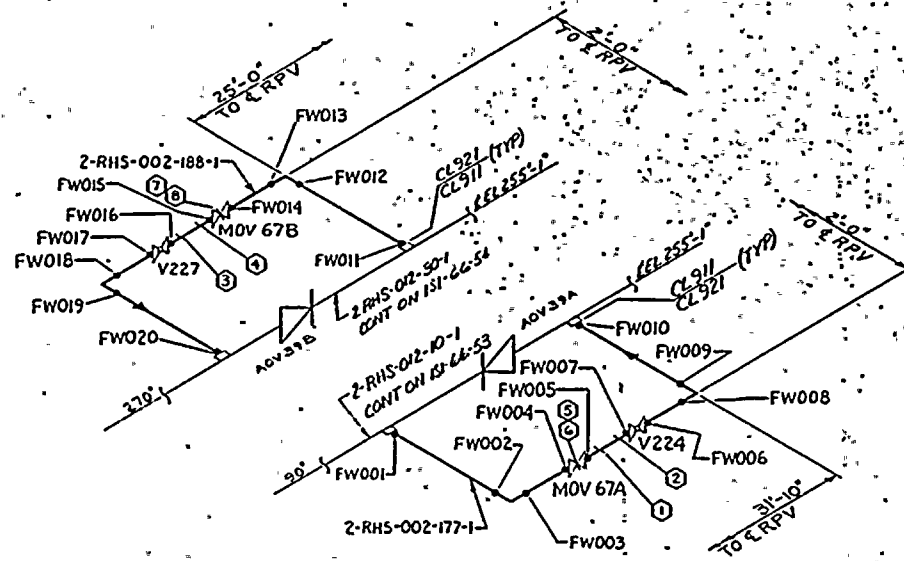
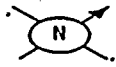
**NMP2**  
**WELD & COMPONENT**  
**IDENTIFICATION DIAGRAM**  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

**CLASS 1**      **MISS ICS DRAIN**  
**DWG NO ISI-110-B**

DRAWN BY S. ANSELMO  
 CHKD BY J. DAVID

NO	DATE	REVISION	BY	CHKD	APPR
2	2/24/66	REVISED PER CR 4	SI	DI	WOS
1	4/2/65	REVISED PER PSI PLAN UPDATE	SI	SH	WOS
0	7/6/65	SWEC RELEASED FOR PRESERVICE INSPECTION	SI	SH	WOS





NO	PIPE SUPPORT	BZ NO
1	2-RHS-PS1004A1	71AMP
2	2-RHS-PS1004A1	71AMP
3	2-RHS-PS1004A1	71AMP
4	2-RHS-PS1004A1	71AMP
5	2-RHS-PS1004A1	71AMP
6	2-RHS-PS1004A1	71AMP
7	2-RHS-PS1004A1	71AMP
8	2-RHS-PS1004A1	71AMP
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**LEGEND**

- - INDICATES PIPE SUPPORT
- - INDICATES NON-EXEMPT WELD

**NOTES:**

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY RHS-177-A
4. ALL SUPPORTS PRECEDED BY 2RHS

**REFERENCES:**

- ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A
- ASME CONTROL Dwg 2 RHS-177-A-2

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

ALL VALVE - EQUIPMENT NUMBERS PRECEDED BY 2RHS

**NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM**

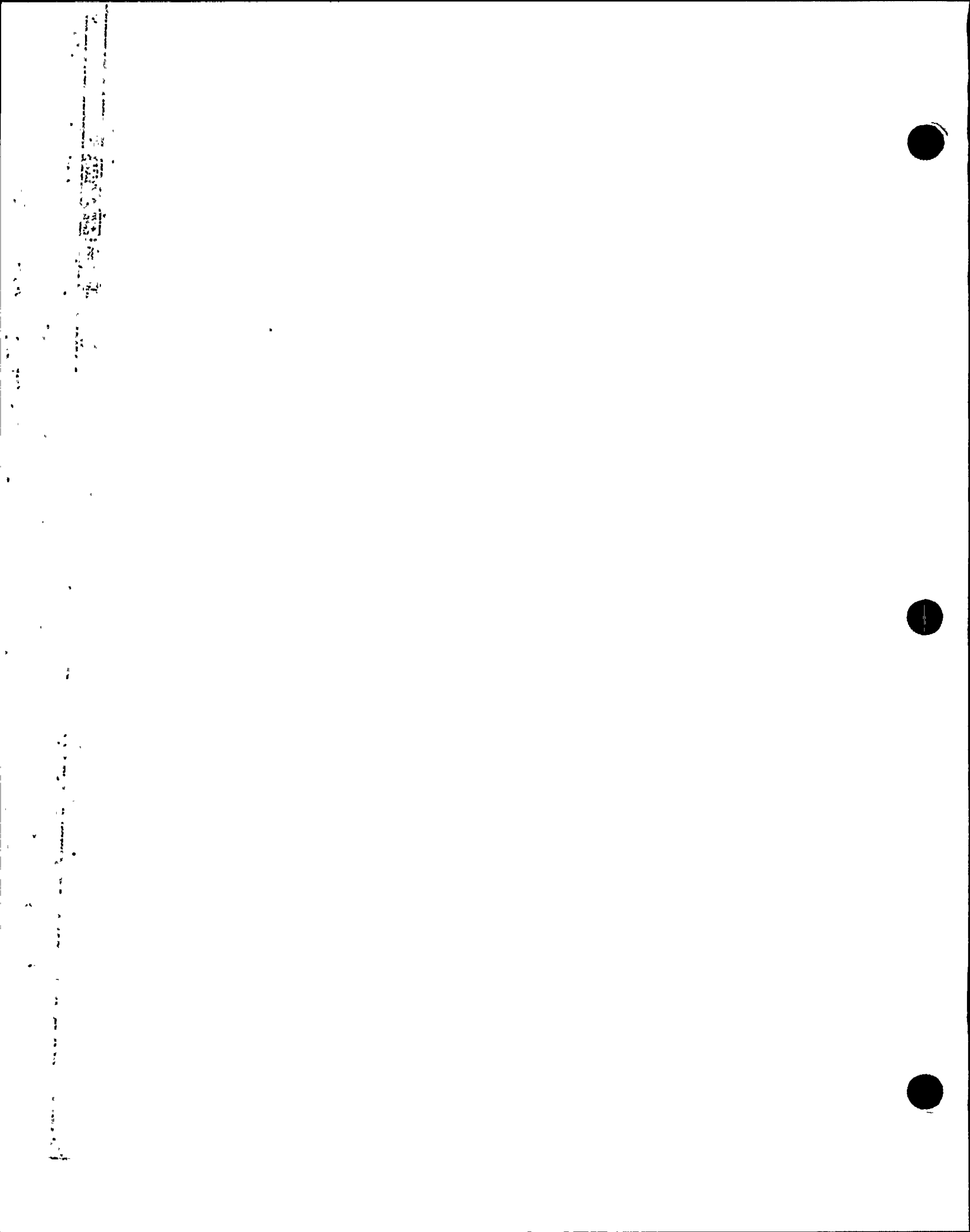
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

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**CLASS 1 SHUTDOWN COOLING LOOP A & B  
DWG NO ISI-177-A**

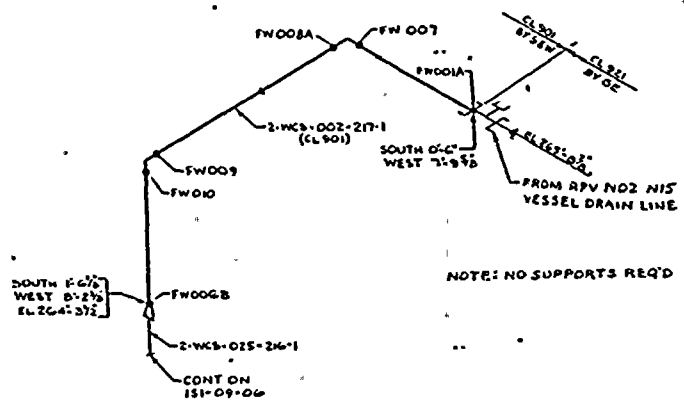
DRAWN BY L.H. STANG  
CHKD BY S. DAVID

NO	DATE	REVISION	BY	CHKD	APPR
1	7/21/85	REVISED PER PSI PLAN UPDATE	SLA	SLA	SLA
0	7/14/85	SWEC RELEASED FOR PRESERVICE INSPECTION	SLA	SLA	SLA





NO	PIPE SUPPORT	BZ NO.
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LEGEND  
 ○ INDICATES PIPE SUPPORT  
 \* INDICATES NON-EXEMPT WELD

NOTES:  
 1. SCALE: NONE  
 2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN  
 3. ALL WELDS PRECEDED BY .2WCS.  
 4. ALL SUPPORTS PRECEDED BY .2WCS.

REFERENCES:  
 1. ITT GRINNELL INDUSTRIAL PIPING ISOMETRICK N/A  
 ASME CONTROL Dwg 2-WCS-217-A-7

SOUTH 6'-0"  
 WEST 8'-2 1/2"  
 EL. 264'-372"

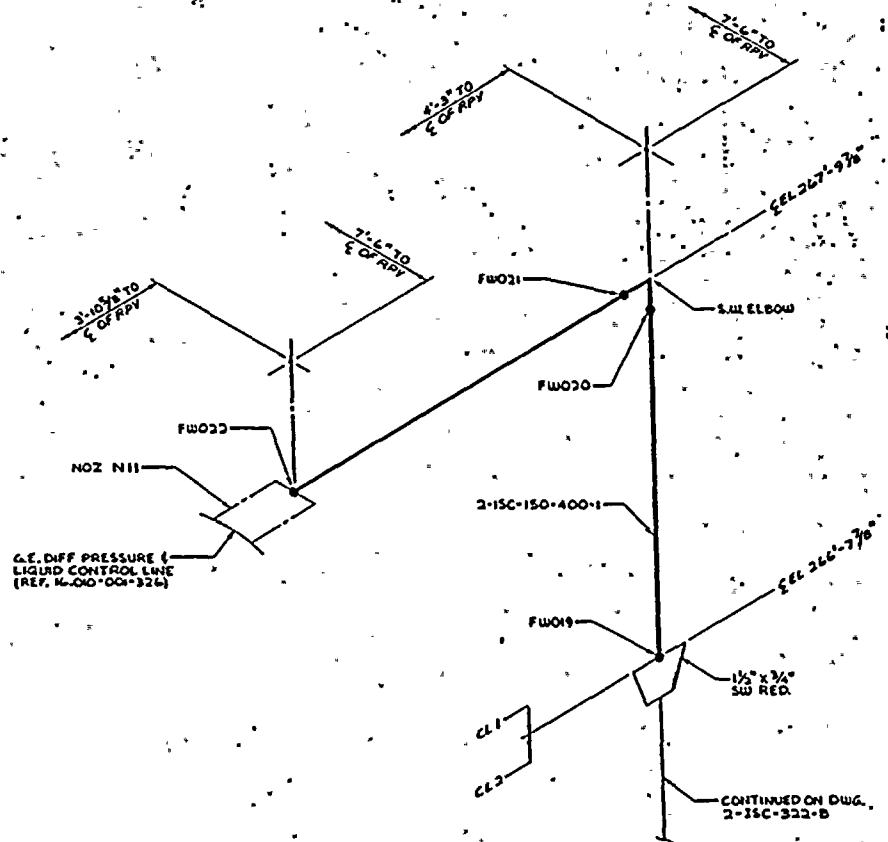
THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY  
 ALL VALVE & EQUIPMENT NUMBERS PRECEDED BY 2WCS.

NO	DATE	REVISION	BY	CHKD	APPR
2	7/22/84	REVISED PER CR 13	SLK	SLK	SLK
1	4/13/85	REVISED PER PSI PLAN UPDATE	SLK	SLK	SLK
0	7/6/85	SWEC RELEASED FOR PRESERVICE INSPECTION	SLK	SLK	SLK

NMP2  
 WELD & COMPONENT  
 IDENTIFICATION DIAGRAM  
 NINE MILE POINT NUCLEAR STATION - UNIT 2  
 NIAGARA MOHAWK POWER CORPORATION

CLASS 1  
 DWG NO ISI-217-A  
 DRAWN BY W. STEWART  
 CHKD BY J. DAVID

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NO	PIPE SUPPORT	B2 NO.
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**LEGEND**

- INDICATES PIPE SUPPORT
- INDICATES NON-EXEMPT WELD

**NOTES:**

1. SCALE: NONE
2. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO PRESERVICE AND/OR INSERVICE INSPECTION EXAMINATIONS AS REQUIRED BY ASME SECT XI AS DEFINED IN THE NMP2 PRESERVICE AND INSERVICE INSPECTION PLAN
3. ALL WELDS PRECEDED BY ISC-322B

**REFERENCES:**

- 1. ITT GRINNELL INDUSTRIAL PIPING ISOMETRIC N/A
- 2. ASME CONTROL DAG 2-ISC-322-B-8

THIS DRAWING IS INTENDED FOR USE IN PRESERVICE AND INSERVICE INSPECTION PROGRAMS ONLY

NMP2  
WELD & COMPONENT  
IDENTIFICATION DIAGRAM  
NINE MILE POINT NUCLEAR STATION - UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

CLASS I  
DWG NO ISI-322-B

DRAWN BY D. ESSLINGER  
CHKD BY J. DAVID

NO	DATE	REVISION	BY	CHKD	APPR
0	7/14/86	SWEC RELEASED FOR PRESERVICE INSPECTION PER CR 190			

