

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND NUCLEAR GENERATING PLANT
UNIT 1
1717 WAKONADE DRIVE E
WELCH, MINNESOTA 55089

INSERVICE INSPECTION
EXAMINATION PLAN
REVISION 0

THIRD INTERVAL
DECEMBER 17, 1993 THROUGH DECEMBER 16, 2003

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NORTHERN STATES POWER
PRAIRIE ISLAND
UNIT 1

INSERVICE INSPECTION
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RECORD OF REVISIONS

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i	0
1-1	0
2-1 and 2-2	0
3-1	0
4-1 through 4-9	0
5-1	0
6-1 through 6-5	0
7-1 and 7-2	0
Table (1 thru 59)	

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INTRODUCTION

The ASME Code Section XI Inservice Inspection (ISI) Program is prepared and maintained by the Materials and Special Processes Section of Northern States Power Company's Power Generation Division. The ASME Code Section XI Inservice Testing (IST) Program is prepared and maintained by the Prairie Island, Unit 1, Plant Staff; the IST program has been submitted under separate cover.

The Prairie Island, Unit 1, Third Ten Year Inservice Inspection Interval is from December 17, 1993 to December 16, 2003. Six refueling and maintenance outages are scheduled in this time frame. Components within the examination plan have been identified using the 1989 Edition of the ASME Code, Section XI. The 1974 Edition, Summer 1975 Addenda to the Code is used for extent of examination. This can be summarized as follows:

Class 1 (Quality Group A)	89 Section XI (extent of exam - 74 S75 Section XI)
Class 2 (Quality Group B)	89 Section XI
Class 3 (Quality Group C)	89 Section XI
NF (Hangers)	89 Section XI
MC (Metal Containment)	No Section XI Examination Planned

The examination plan and schedule was developed from ASME Code requirements, individual component examination history and plant scheduling needs such as optimizing insulation removal and scaffolding needs. The intent of the third interval scheduling was to be consistent with the second interval.

Examination of Class 1 and Class 2 components will be in accordance with requirements listed in Table IWB-2500-1 and Table IWC-2500-1, respectively, of the Code, 1989 Edition, except where relief has been requested.

Class 1, Class 2 and Class 3 hangers have been identified in accordance with IWB, IWC and IWD, respectively. Hanger examination will be completed in accordance with ASME Section XI, Subsection IWF. Integral attachments will be examined in accordance with the appropriate section of the Code.

Inservice inspection examinations are performed by qualified and certified personnel using written procedures to the 1989 Edition of the Code.

The Section XI Repair and Replacement Program, System Pressure Tests and Snubber Functional Tests are administered by the Prairie Island Plant Staff. Activities under the Repair and Replacement Program, System Pressure Tests

and Snubber Functional Tests are reported in the "Inservice Inspection Summary Report" following each refueling outage.

The ASME Section XI Inservice Inspection Program is six parts: Introduction; Source Documents; Requests for Relief; ISI Boundary Drawings; ISI Isometric Drawings; and Examination Plan which includes a table containing the Inservice Inspection Examination Plan and Schedule. The ISI Boundary Drawings outline Quality Group Classifications, 1, 2 and 3. The ISI Isometric Drawings delineate ASME Section XI components or items that are included in the program.

The Inservice Inspection Examination Plan and Schedule list the ASME Section XI components by isometric drawing number, system, item and item description. The examination plan and schedule identify the ASME Section XI Item Number listed in Tables IWB-2500-1, IWC-2500-1, IWD-2500-1 and Subsection IWF, thus identifying the examination method. The examination schedule lists the anticipated year for the examination of a given component. The examination schedule is intended to be flexible to allow for deviations in outage length and outage work scope.

Prairie Island - Unit 1 was built prior to the implementation of Section XI Access Requirements. As a result, some components that require examination are not completely accessible.

SOURCE DOCUMENTS

10CFR50.55a (56FR3794)

1974 Summer 75 B&PV Code Section XI

1989 B&PV Code Section XI

NRC Bulletin 82-02 Degradation of threaded fasteners in the reactor coolant pressure boundary of PWR plants

NRC Bulletin 88-11 Pressurizer surge line thermal stratification

NSP Letter dated February 10, 1993, entitled "Supplemental Reply to a Notice of Deviation NRC Inspection Report Nos. 282/92008 and 306/92008 Final Safety Analysis Report Commitment for Inservice Examination of High Energy Line Piping".

Regulatory Guide 1.150, Rev. 1

Regulatory Guide 1.58, Rev. 1

Regulatory Guide 1.147, Rev. 9 (Code Case 498)

REQUESTS FOR RELIEF

<u>Relief Request No.</u>	<u>Description</u>	<u>Rev.</u>
1	Class 2 Pressure Testing	0
2	Cooling water	0
3	Reactor Coolant Pump	0
4	Steam Generator	0
5	Nozzles	0

Relief Request No. 1 (Rev. 0)

Class 2 Pressure Testing

SYSTEM: Various

Class: 2

Category: C-H

Item: Various

Examination Requirements:

Portions of the Class 2 piping will not be tested at the pressures required by IWC-5000.

Basis for Relief:

Portions of the following piping is not isolatable from Class 1 piping.

- Safety Injection
- Reactor Coolant System Piping 3/4" and smaller
- Residual Heat Removal
- Reactor Coolant Pump Seal Injection
- Charging Line
- Sample System

Alternate Examination:

The piping will be tested to Class 1 requirements, i.e.:

1. The unisolated portions of the Class 2 piping will be visually examined for evidence of leakage at the system nominal operating pressure in accordance with the requirement of IWB-5221. This inspection will be performed prior to startup following each reactor refueling outage.
2. The unisolated portion of the Class 2 piping will be hydrostatically tested when Class 1 pipe is tested.

Reference: Relief Request No. 29 - Second Ten Year Interval dated December 22, 1983; NRC SER dated December 28, 1984.

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Relief Request No. 1 (Rev. 0) cont.

Class 2 Pressure Testing

Approval Status:

Not yet approved. Submitted with Examination Plan, Rev. 0.

ISI Relief Request No. 2 (Rev. 0)

Cooling Water Hydrostatic Testing

SYSTEM: Cooling Water

Class: 3

Category: D-C

Item: D 3.10

Examination Requirements:

The piping will not be hydrostatically tests at each inspection interval by IWD-2500-1.

Basis for Relief:

The cooling water system is designed such that Unit 1 and Unit 2 safeguards equipment is supplied from both sides of the cooling water system header. Consequently, the entire supply and return header must be in operation at all times to meet operating license requirements.

Alternate Examination:

The cooling water system will be visually examined every one-third interval for conditions adverse to system operation. Additionally, the system is in constant operation and any leaks would be immediately known. Portions that are isolatable from the main headers will be pressure tested in accordance with the applicable requirements.

Reference: Relief Request No. 28 - Second Ten Year Interval dated December 22, 1983; NRC SER dated December 28, 1984.

Approval Status:

Not yet approved. Submitted with Examination Plan, Rev 0.

ISI Relief Request No. 3 (Rev. 0)

Reactor Coolant Pump

SYSTEM: Reactor Coolant

Class: 1

Category: B-L-1, B-L-2

Item: 12.10, 12.20

Examination Requirements:

Volumetric examination of the pump casing weld and visual examination of the pump casing will not be performed.

Basis for Relief:

Present ultrasonic examination methods would be ineffective because of the heavy wall, austenitic stainless steel cast construction of the pump body. Present radiographic techniques are available to volumetrically examine these welds, but would result in excessive radiation exposure to personnel performing disassembly, inspection, and reassembly of the pump.

The pump manufacturer does not require or recommend pump disassembly to perform normal maintenance and inspection due to limited experienced personnel and possible damage or degradation to the pump.

The reactor coolant pumps have additional monitoring equipment not originally supplied with the pump. This additional equipment monitors shaft vibration, frame vibration, thrust position, phase and rotor lock.

Alternate Examination:

Monitor the reactor coolant pump with the additional monitoring instrumentation.

Visually inspect the exterior of the pump casing during the hydrostatic test required by IWB-5000.

ISI Relief Request No. 3 (Rev. 0) cont.

Reactor Coolant Pump

Perform an extended surface examination of the welds to the extent practical.

If maintenance or operation problems are encountered which require the disassembly of the pump, the pump's interior surface will be visually inspected. The need for volumetric examination will be determined at that time.

Reference: Relief Request No. 63 - Second Ten Year Interval dated December 22, 1983; NRC SER dated December 28, 1984.

Approval Status:

Not yet approved. Submitted with Examination Plan, Rev 0.

ISI Relief Request No. 4 (Rev. 0)

Steam Generator

SYSTEM: Steam Generator

Class: 2

Category: C-H

Item: 7.20

Examination Requirements:

The ten year hydrostatic test pressure will not be as specified per IWC-5000.

Basis for Relief:

For the following reasons the steam generator secondary side, main steam isolation valves, the feedwater line inlets to the steam generators, the auxiliary feedwater inlet to the steam generators, and the steam generator blowdown lines from the steam generators (to the first isolation valve) are to be hydrostatically tested in accordance with Article IWB-5000 of the ASME Boiler and Pressure Vessel Code:

1. The maximum allowable secondary to primary pressure differential is 670 psig at 650°F. To avoid violation of the design differential, the reactor coolant system pressure would have to be elevated above 677 psig and to an over-pressure condition.
2. The main steam safety valves would not require gagging; thereby, precluding any chance of overpressurizing the steam generator.
3. Since the steam generator is integrally tied to the reactor coolant system, it is logical, as well as practical, to test it at hot shutdown per IWB-5000 of the ASME Boiler and Pressure Vessel Code. This allows a hot hydrostatic test in lieu of a cold hydrostatic test.

Alternate Examination:

The steam generator will be tested in accordance with IWB-5000 requirements.

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ISI Relief Request No. 4 (Rev. 0)

Steam Generator

Reference: Relief Request No. 68 - Second Ten Year Interval dated
December 22, 1983; NRC SER dated December 28, 1984.

Approval Status:

Not yet approved. Submitted with Examination Plan, Rev 0.

ISI Relief Request No. 5 (Rev. 0)

Nozzles

SYSTEM: Various

Class: 1 and 2

Category: B-D and C-B

Item: B 3.120, 3.140,
3.160 and C 2.22

Examination Requirements:

The volumetric examinations for the following nozzle inner radius sections will not be conducted in accordance with Articles IWB-2500 and IWC-2500 for Code Class 1 and 2, respectively.

Steam Generator Primary Inlet and Outlet Nozzles
Steam Generator Secondary Inlet and Outlet Nozzles
Pressurizer Relief, Surge and Safety Nozzles
Regenerative Heat Exchanger Nozzles

Basis for Relief:

Present ultrasonic examination methods utilizing a contact technique performed from the outer vessel nozzle surfaces does not adequately assess the condition of the specified examination volumes. This being a result of complex geometrical configurations, limited accessible scan areas, and other ultrasonic interferences from the shell to nozzle welds and ID cladding, where applicable.

Alternate Examination:

Reference: Relief Request No. 66 - Second Ten Year Interval dated
December 22, 1983; NRC SER dated December 28, 1984.

Approval Status:

Not yet approved. Submitted with Examination Plan, Rev 0.

ASME Code Section XI ISI Boundary Drawings

<u>Drawing Title</u>	<u>Revision</u>
1. Reactor Coolant	0
2. Residual Heat Removal	0
3. Chemical and Volume Control	0
4. Chemical and Volume Control	0
5. Chemical and Volume Control	0
6. Safety Injection	0
7. Safety Injection	0
8. Waste Disposal	0
9. Main Steam	0
10. Feedwater	0
11. Containment Spray	0
12. Steam Generator Blowdown Unit #1	0
13. Post Loca Hydrogen Control	0

- - - - - Indicates NDE Required

————— Indicates No NDE Required



Code Class 1



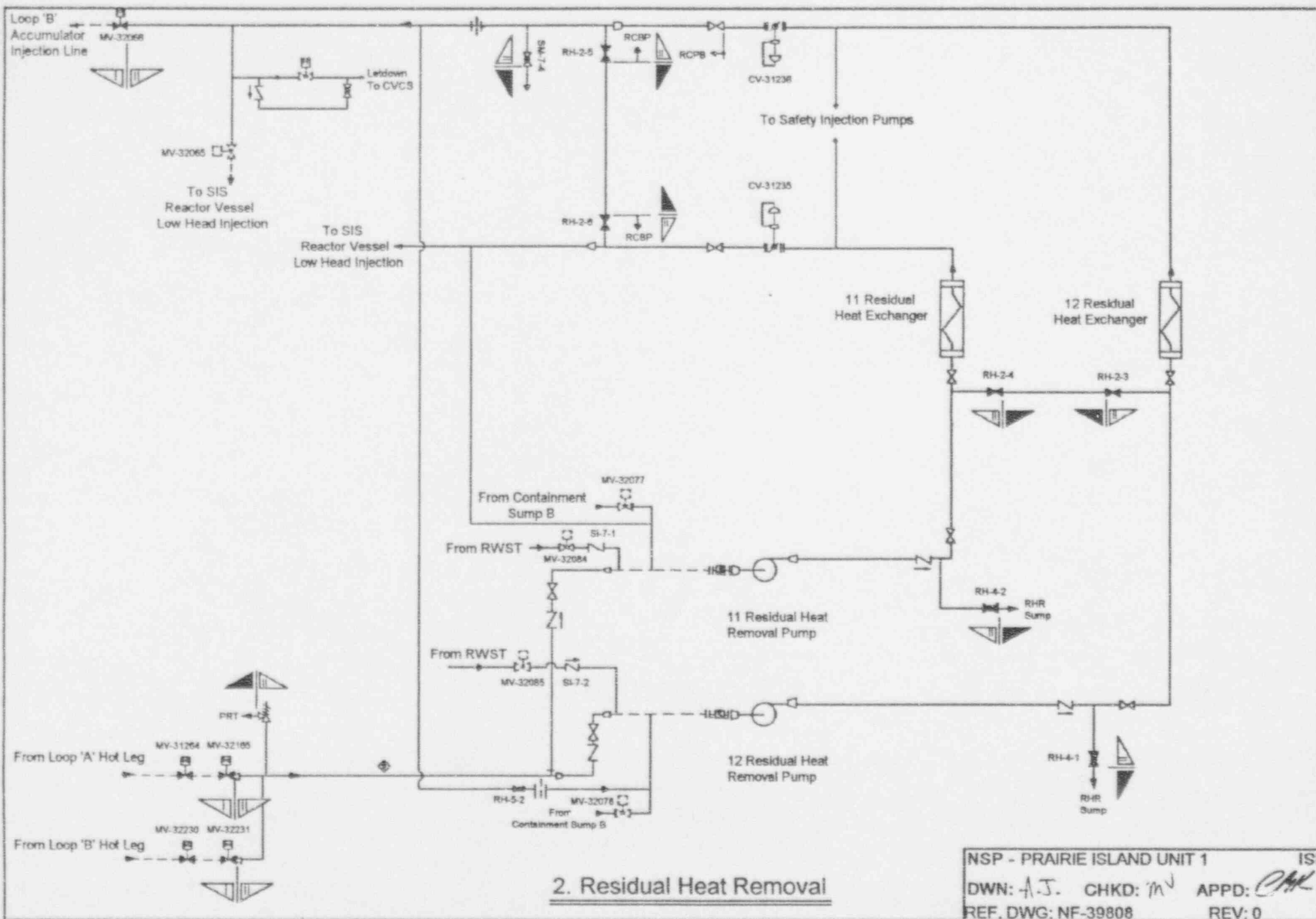
Code Class 2

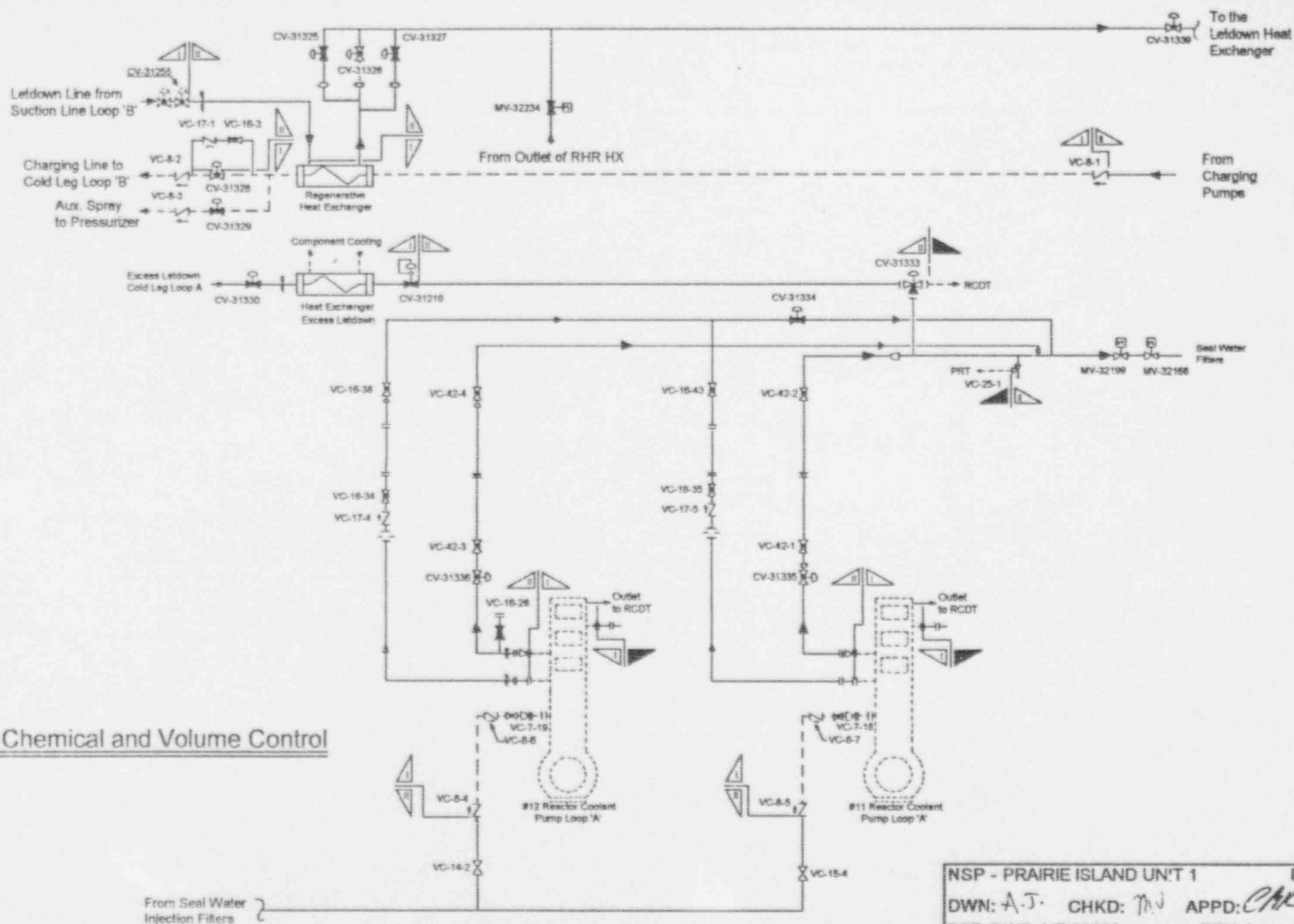


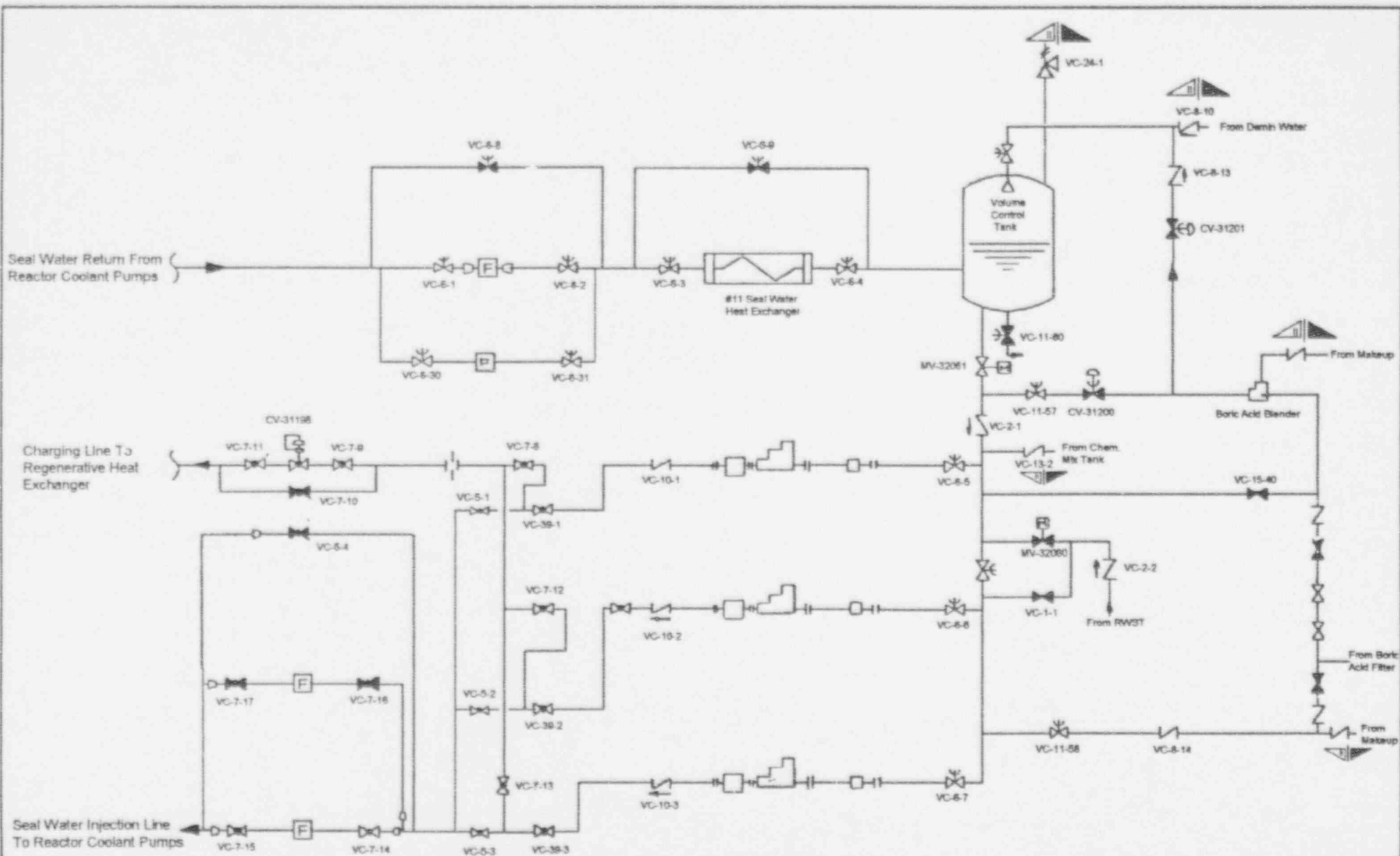
Code Class 3



Code Class Non-Safety







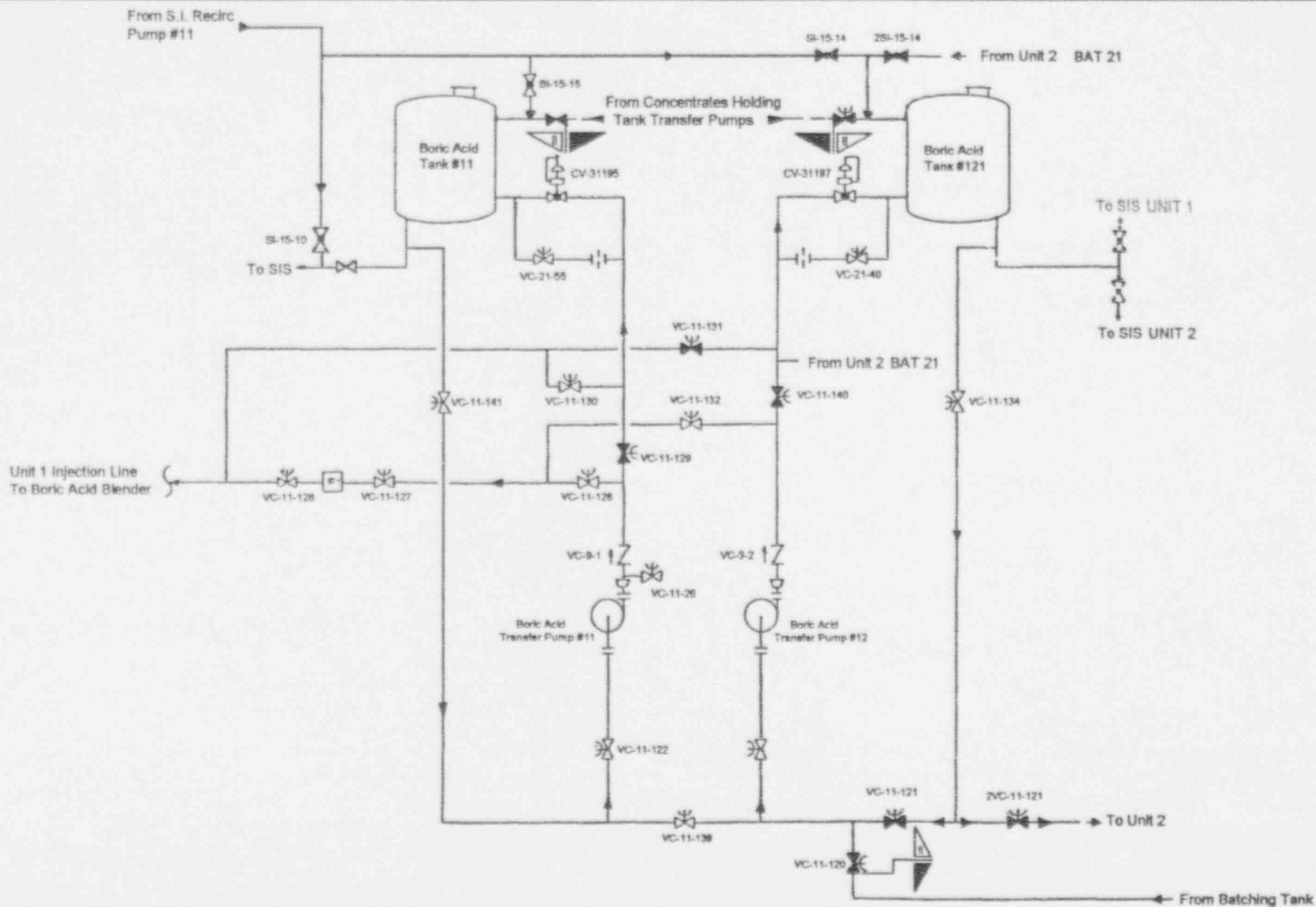
4. Chemical and Volume Control

Note: All Piping Shown is Classified As
Class II Piping with OD = 4"

NSP - PRAIRIE ISLAND UNIT 1

ISI

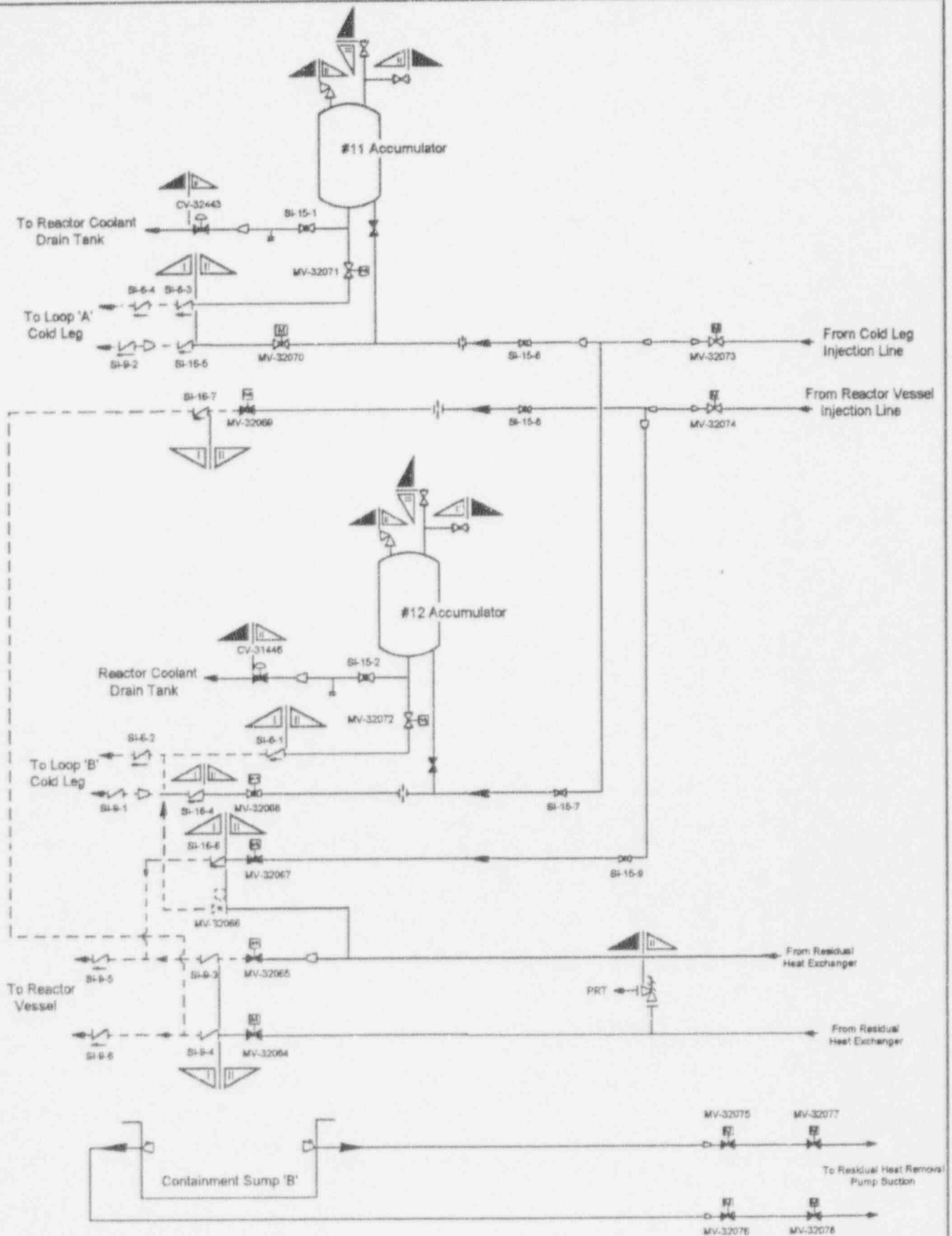
DWN: A.J. CHKD: MJ APPD: CM
REF. DWG: NF-39810 REV: 0



5. Chemical and Volume Control

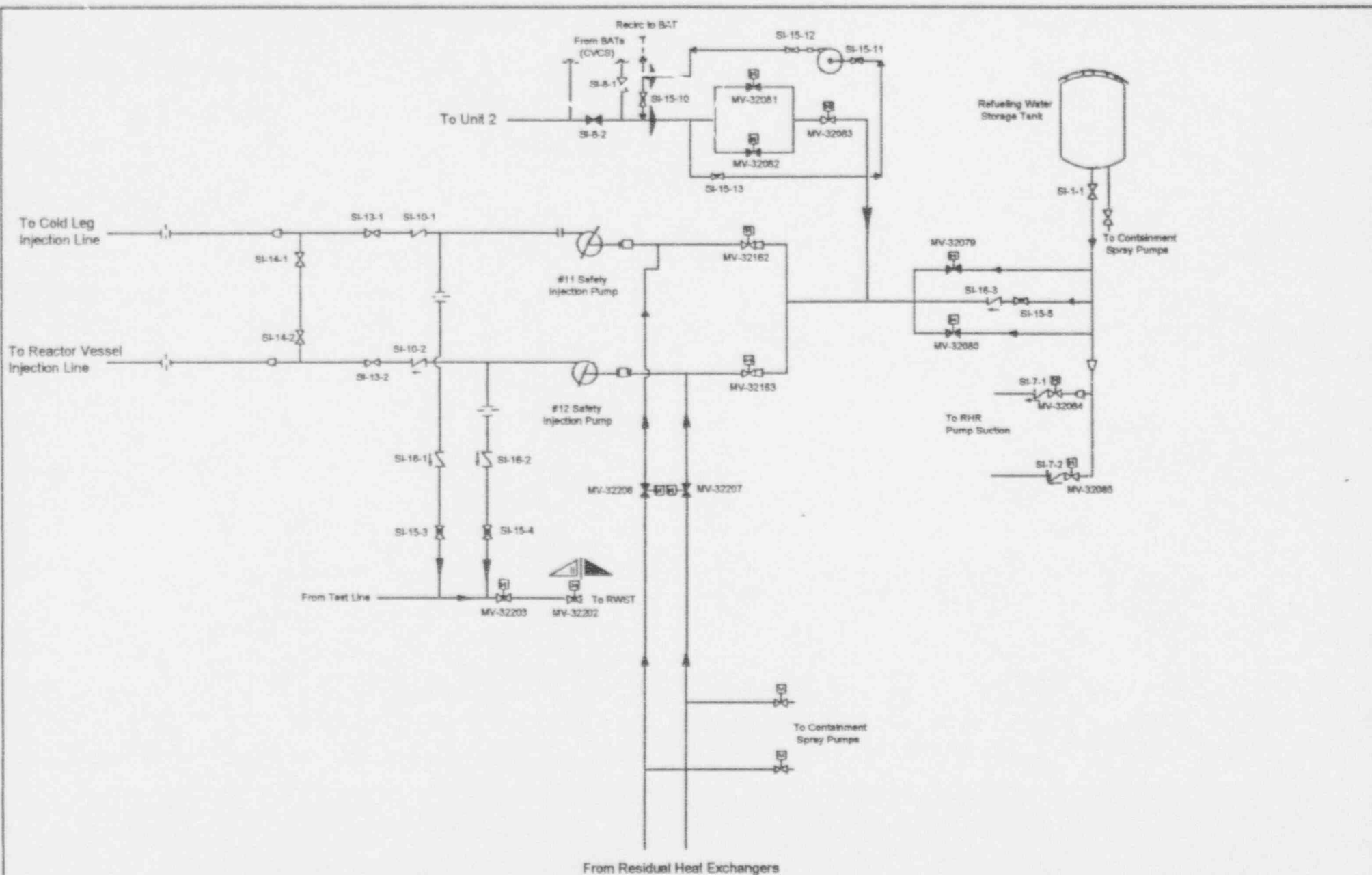
Class II Piping OD < 4"
Except Boric Acid Tank Nozzles

NSP - PRAIRIE ISLAND UNIT 1
DWN: A.J. CHKD: m.j. APPD: CHK
REF. DWG: NF-39812 REV: 0



6. Safety Injection

NSP - PRAIRIE ISLAND UNIT 1
 DWN: *AS* CHKD: *mn* APPD: *CHL*
 REF. DWG: NF-39813 REV: 0



7. Safety Injection

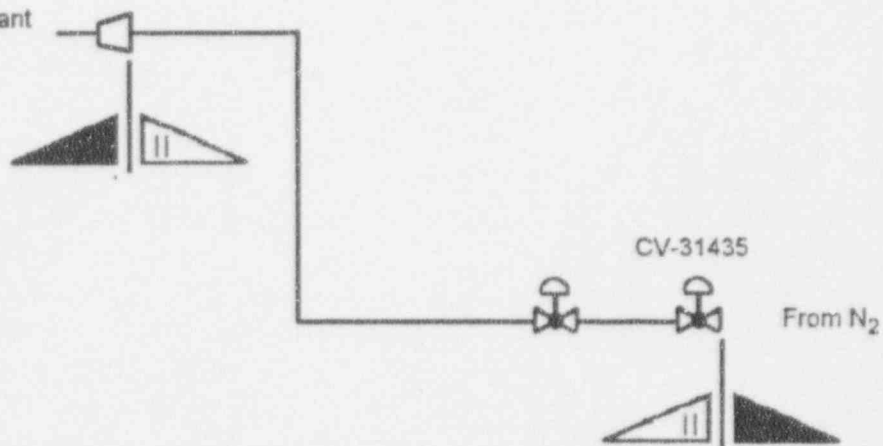
Note: All Piping Shown
Classified as Class II Piping

NSP - PRAIRIE ISLAND UNIT 1

ISI

DWN: A-J. CHKD: mJ APPD: *CHK*
REF. DWG: NF-39814 REV: 0

To Reactor Coolant
Drain Tank #11



8. Waste Disposal

NSP - PRAIRIE ISLAND UNIT 1

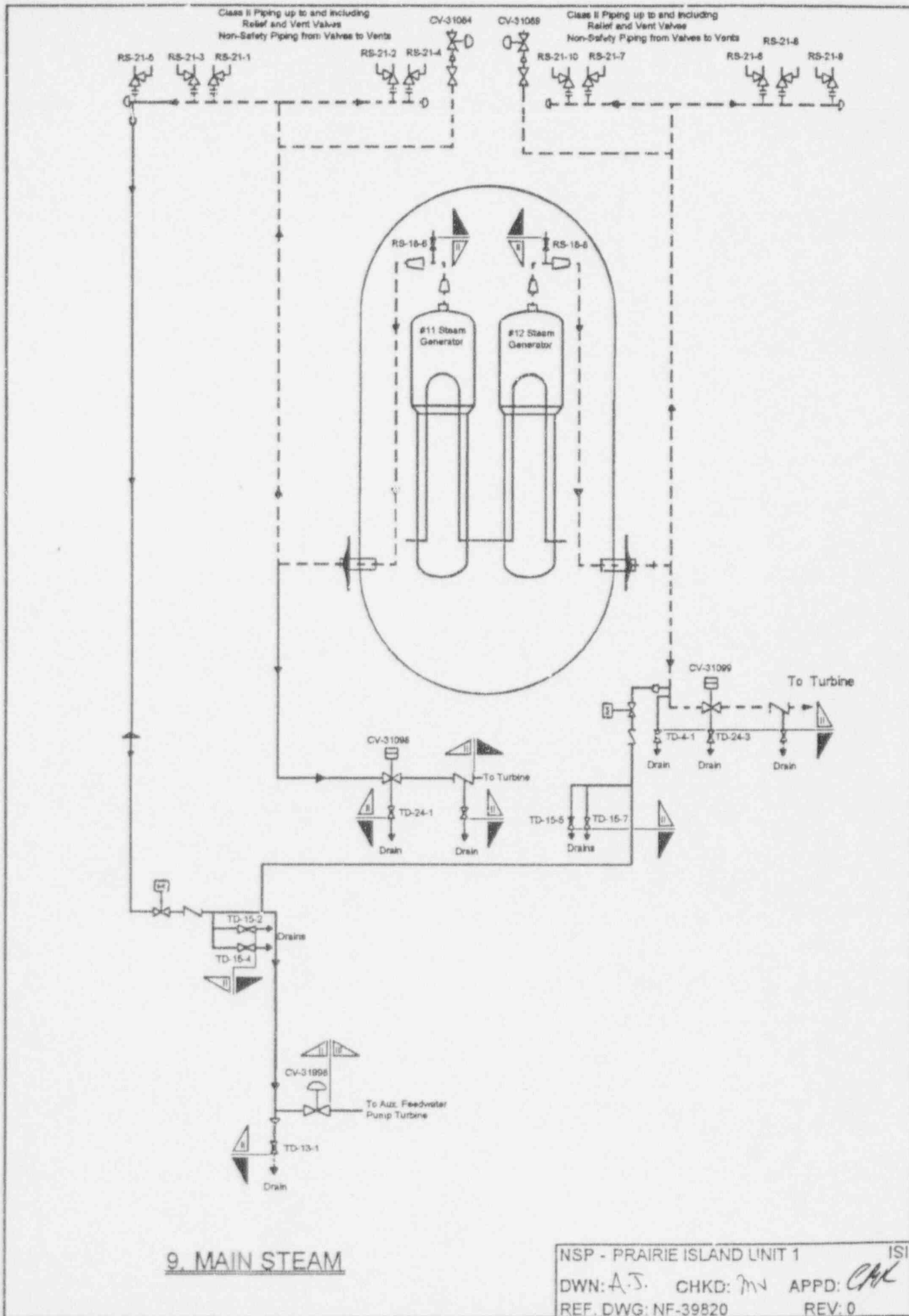
ISI

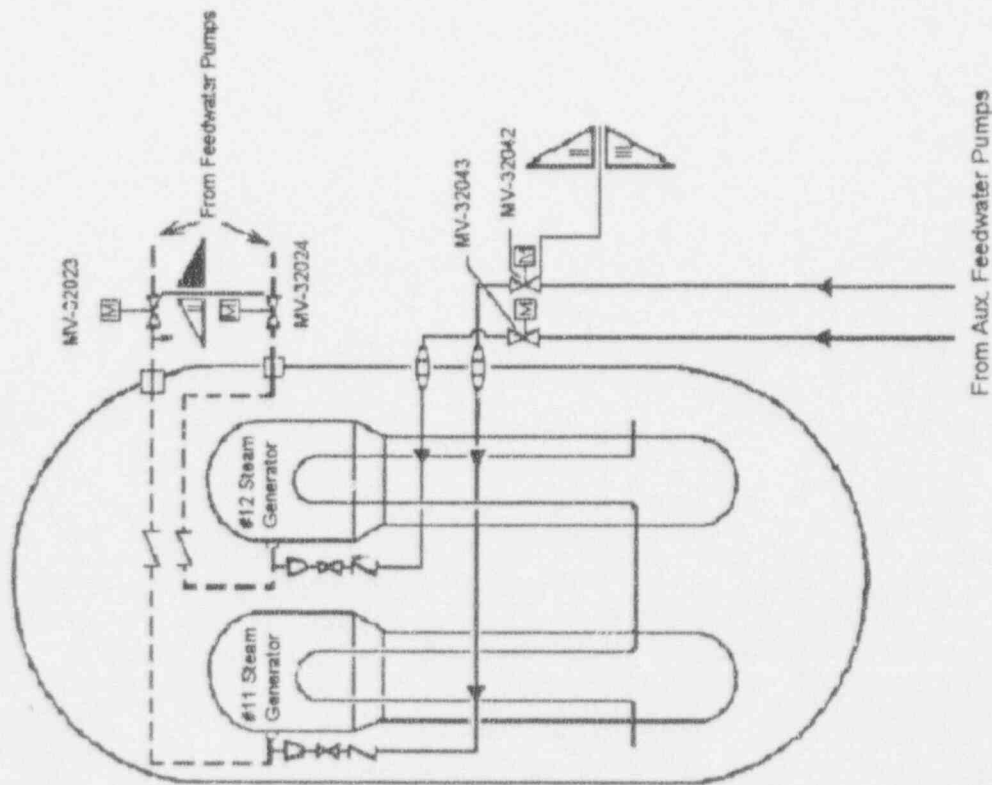
DWN: A.J. CHKD: M

APPD: *CM*

REF. DWG: NF-39815

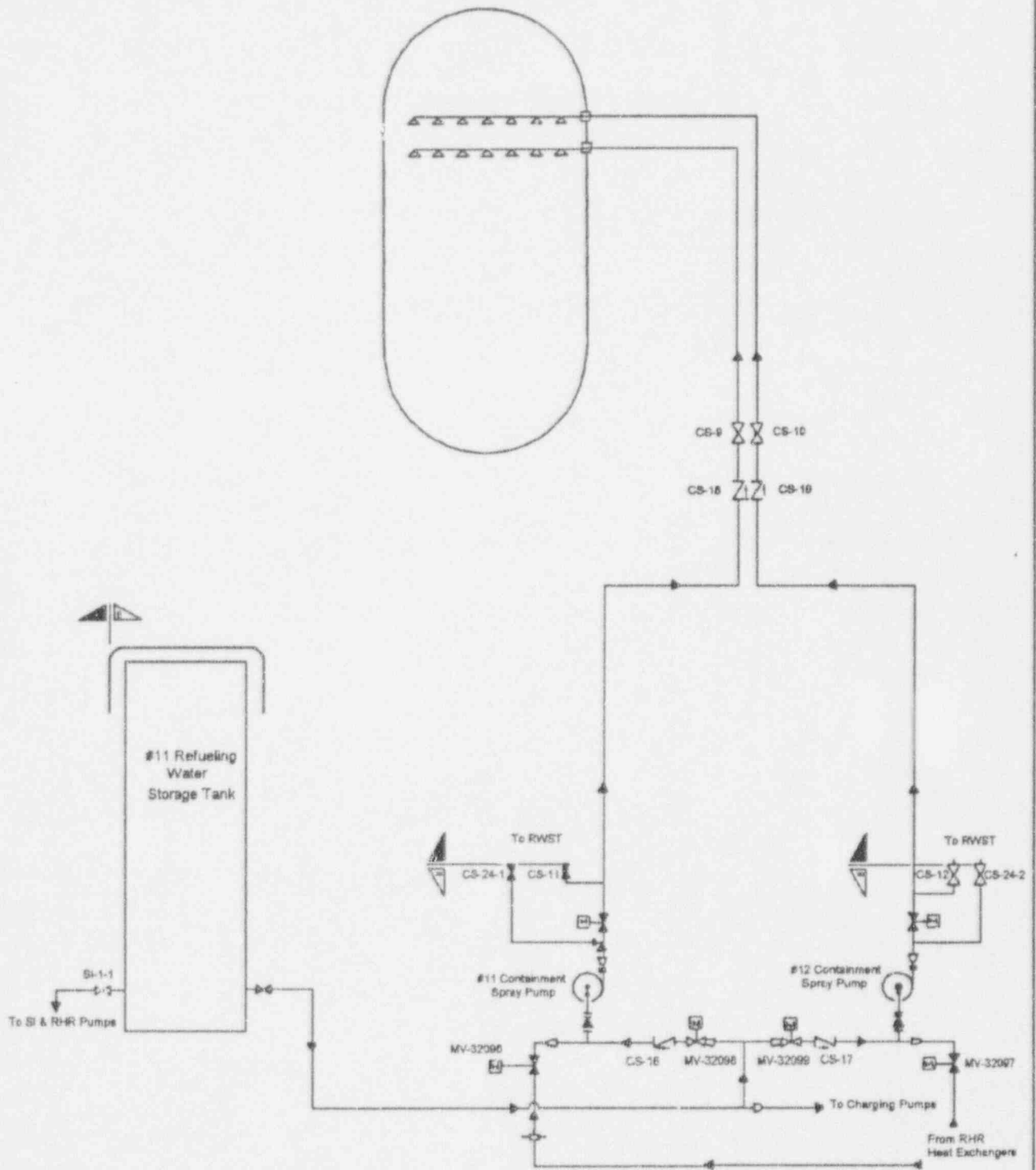
REV: 0





10. FEEDWATER

Unit #1 Reactor Building

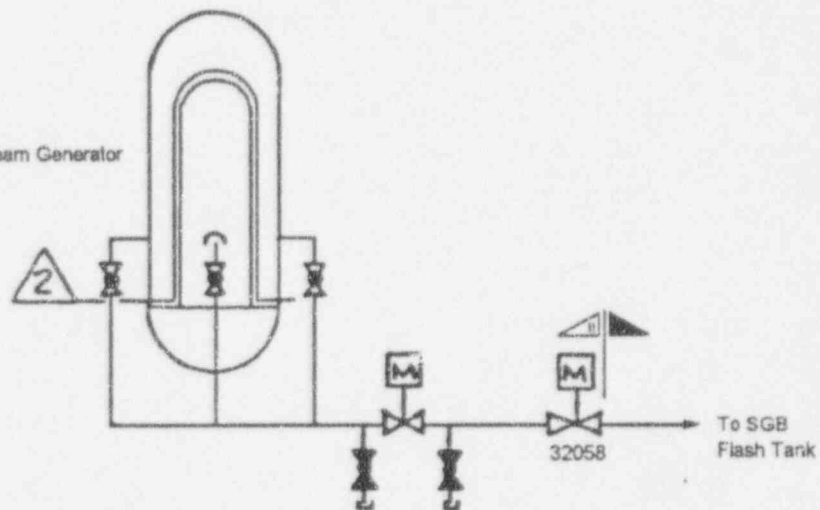


Note: All Piping Shown is
Classified as Class II Piping

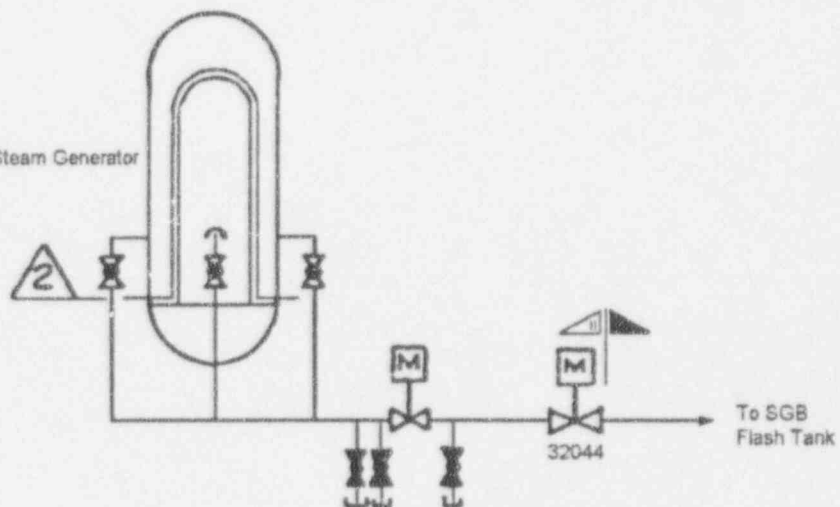
11. Containment Spray

NSP - PRAIRIE ISLAND UNIT 1
DWN: A.J. CHKD: mj APPD: CAK
REF. DWG: NF-39824 REV: 0

#12 Steam Generator



#11 Steam Generator



12. Steam Generator Blowdown Unit #1

NSP - PRAIRIE ISLAND UNIT 1

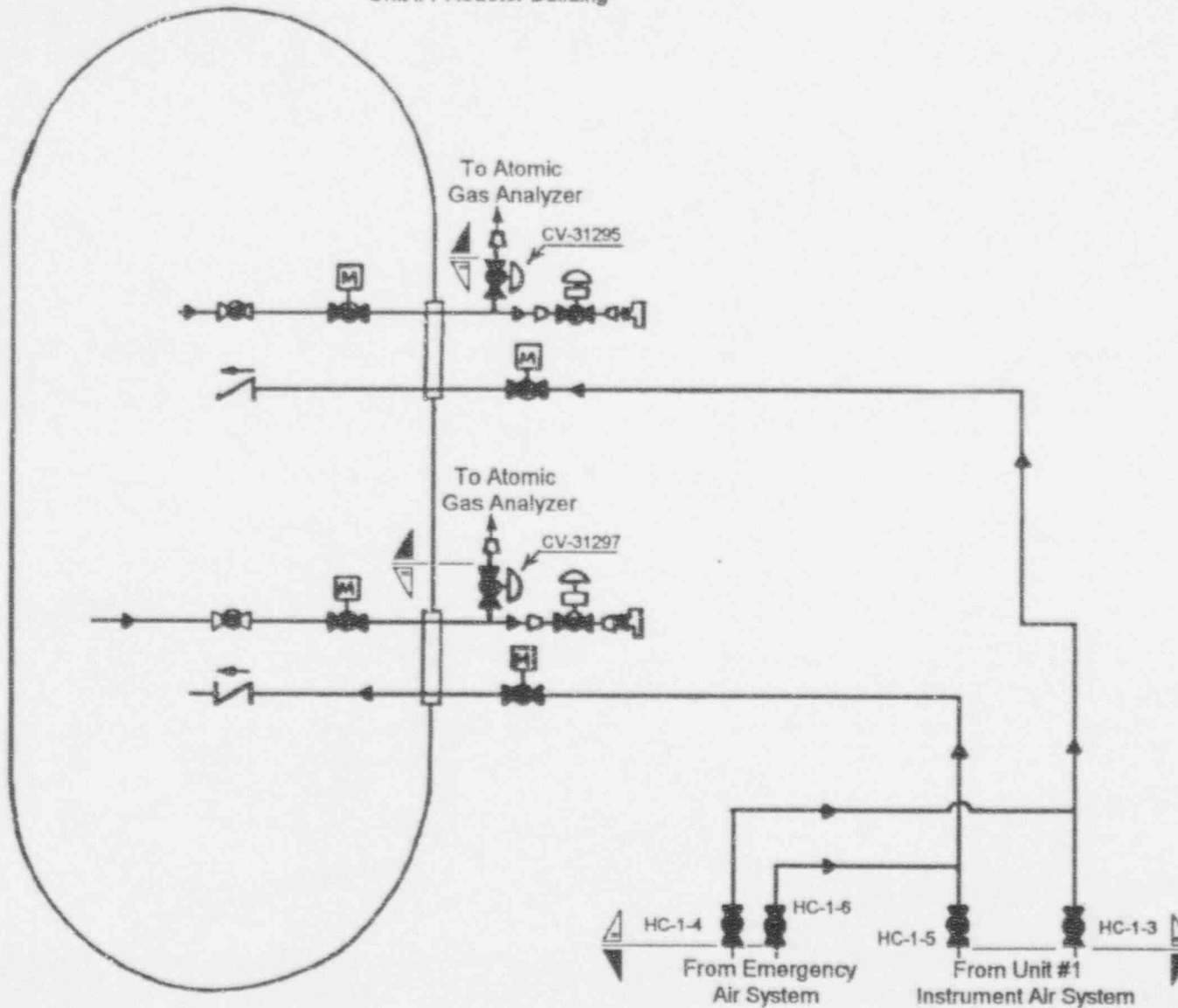
ISI

DWN: A.S. CHKD: YLV APPD: CAK

REF. DWG: NF-39829

REV: 0

Unit #1 Reactor Building



13. Post Loca Hydrogen Control

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: A.J.	CHKD: <i>mv</i>	APPD: <i>CAK</i>
REF. DWG: NF-39830		REV: 0

ISI ISOMETRIC DRAWINGS

Drawing Number	Rev	Title
ISI-1A	3	Loop 'B' Charging Line 2"
ISI-1B	2	Loop 'B' Charging Line 2"
ISI-1C	2	Loop 'B' Charging Line 2"
ISI-1D	2	Loop 'B' Charging Line 2"
ISI-1E	2	Loop 'B' Charging Line 2"
ISI-1F	2	Loop 'B' Charging Line 2"
ISI-2	2	12" Accumulator Discharge
ISI-3A	3	Loop 'A' RHR Takeoff 8"
ISI-3B	2	Loop 'A' RHR Takeoff 8"
ISI-3C	2	Loop 'A' RHR Takeoff 8"
ISI-5A	4	Spray to Pressurizer
ISI-5B	3	Spray to Pressurizer
ISI-5C	2	Spray to Pressurizer
ISI-5D	3	Spray to Pressurizer
ISI-6	2	Loop 'A' 3" RTD Return
ISI-7	2	2" RTD Takeoff Cold Leg Loop 'A'
ISI-8	2	2" RTD Takeoff Loop 'A' Hot Leg
ISI-9	3	SIS High Head Loop 'A' Cold Leg
ISI-10	3	2" Drain (on Crossover) Loop 'A'
ISI-11A	3	2" & 11/2" Seal Injection Loop 'A'
ISI-11B	2	2" & 11/2" Seal Injection Loop 'A'
ISI-11C	2	2" & 11/2" Seal Injection Loop 'A'
ISI-11D	3	2" & 11/2" Seal Injection Loop 'A'
ISI-12A	0	Reactor Coolant Loop 'A'
ISI-12B	0	Reactor Coolant Loop 'A'
ISI-12C	0	Reactor Coolant Loop 'A'
ISI-13A	0	Reactor Coolant Loop 'B'
ISI-13B	0	Reactor Coolant Loop 'B'
ISI-13C	0	Reactor Coolant Loop 'B'
ISI-14	2	Reactor Coolant Pump '11'
ISI-17	2	12" Accumulator Discharge
ISI-18	2	10" RHR Return Loop 'B'
ISI-19A	2	8" RHR Takeoff Loop 'B'

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ISI ISOMETRIC DRAWINGS

Drawing Number	Rev	Title
ISI-19B	2	8" RHR Takeoff Loop 'B'
ISI-21	2	3" RTD Return Loop 'B'
ISI-22	2	2" RTD Takeoff Cold Leg Loop 'B'
ISI-23	2	2" RTD Takeoff Hot Leg Loop 'B'
ISI-24	2	SIS High Head Loop 'B'
ISI-25	3	2" Crossover Drain Loop 'B'
ISI-26	2	2" CVCS Letdown Loop 'B'
ISI-27A	3	Seal Injection Loop 'B'
ISI-27B	3	Seal Injection Loop 'B'
ISI-27C	3	Seal Injection Loop 'B'
ISI-27D	0	Seal Injection Loop 'B'
ISI-28	3	10" Pressurizer Surge
ISI-29A	0	6" Press Safety Loop 'A'
ISI-29B	0	6" Press Safety Loop 'B'
ISI-30A	0	Reactor Vessel Safety Injection & Reactor Coolant Loop 'A'
ISI-30B	0	Reactor Vessel Safety Injection & Reactor Coolant Loop 'B'
ISI-31	2	3" Pressurizer Relief
ISI-32A	0	2" Auxiliary Spray
ISI-32B	0	2" Auxiliary Spray
ISI-33A	0	2" Low Head RV Injection Loop 'A'
ISI-33B	0	2" Low Head RV Injection Loop 'B'
ISI-34	2	Reactor Coolant Pump '12'
ISI-37	2	Reactor Vessel Studs, Nuts & Washers
ISI-38	2	Reactor Vessel Conoseal Bolting
ISI-41	3	Pressurizer
ISI-42	2	Pressurizer Nozzles
ISI-43A	0	Steam Generator 11
ISI-43B	0	Steam Generator 12
ISI-43C	0	Steam Generator 11
ISI-43D	0	Steam Generator 12
ISI-44	2	Regenerative Heat Exchanger

ISI ISOMETRIC DRAWINGS

Drawing Number	Rev	Title
ISI-46	2	RCS Draindown Line
ISI-47	2	PLO Cap B
ISI-48	2	Reactor Vessel Shell Welds
ISI-49	2	Reactor Vessel Closure Head Weld
ISI-50	4	Reactor Vessel Nozzles
ISI-51A	2	Main Steam Loop 'A'
ISI-51B	2	Main Steam Loop 'A'
ISI-51C	0	Main Steam Loop 'A'
ISI-52	0	Feedwater Loop 'A'
ISI-53A	0	RHR Pumps' Suction
ISI-53B	0	RHR Pumps' Suction
ISI-53C	0	RHR Pump 'A' Suction
ISI-53D	0	RHR Pump 'B' Suction
ISI-55A	0	RHR Pump 'A' Discharge
ISI-55B	0	RHR Pump 'A' Discharge
ISI-55C	0	RHR Pump 'B' Discharge
ISI-55D	0	RHR Pump 'B' Discharge
ISI-68A	2	Main Steam Loop 'B'
ISI-68B	2	Main Steam Loop 'B'
ISI-68C	0	Main Steam Loop 'B'
ISI-69	0	Feedwater Loop 'B'
ISI-83A	0	RHR Pump 'A' Discharge & Safety Injection Pump 'A' Suction
ISI-83B	0	RHR Pump 'B' Discharge & Safety Injection Pump 'B' Suction
ISI-89A	0	RHR Pump 'A' Discharge
ISI-89B	0	RHR Pump 'B' Discharge
ISI-91A	0	Alternate Containment Spray 11 Suction
ISI-91B	0	Alternate Containment Spray 12 Suction
ISI-93A	0	#11 RHR Heat Exchanger
ISI-93B	0	#12 RHR Heat Exchanger
ISI-96	0	Containment Spray Pump Discharge
ISI-97	0	2" Reactor Vessel Safety Injection

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ISI ISOMETRIC DRAWINGS

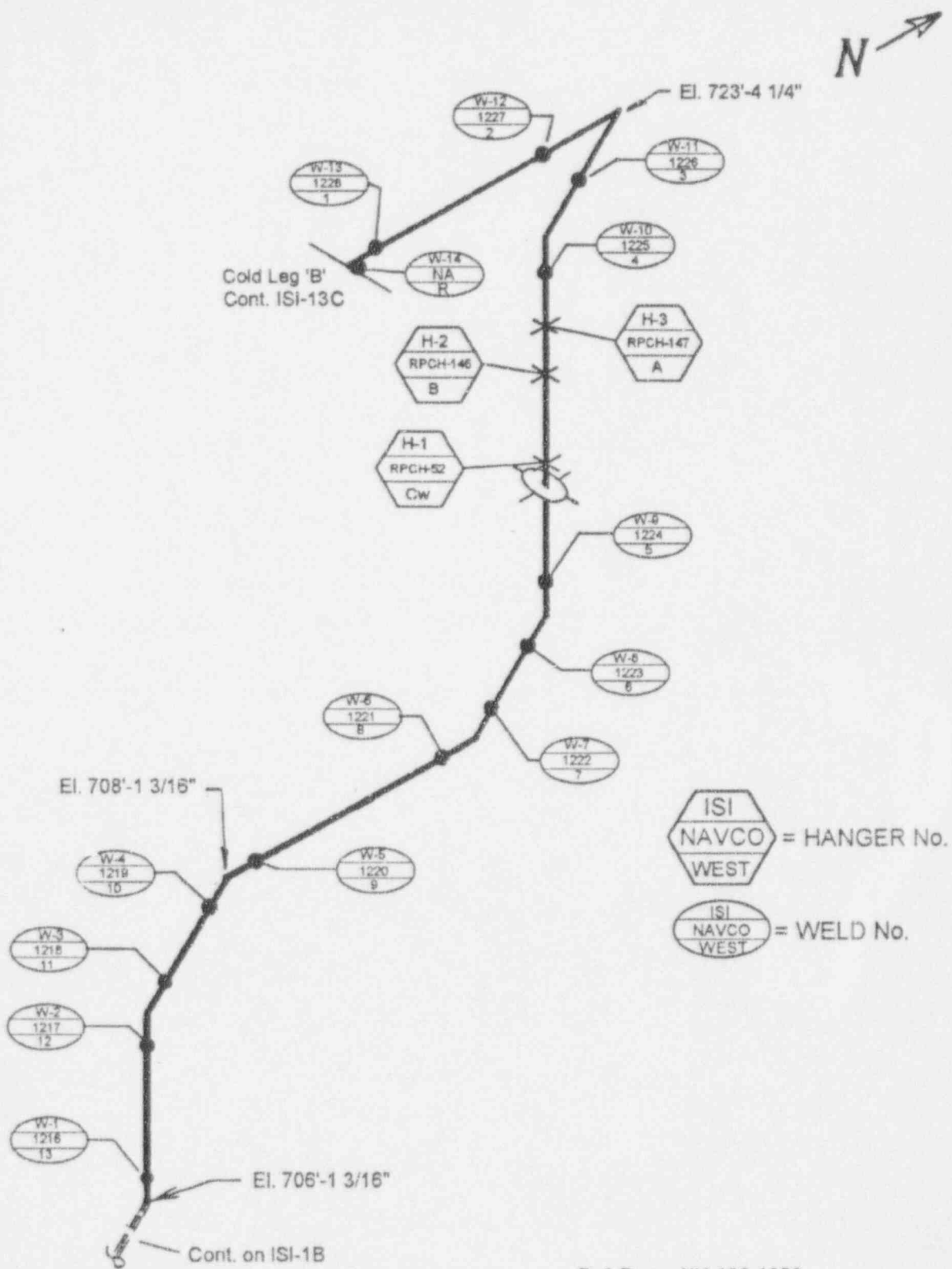
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ND-1-3-5	2	Cooling Water
ND-1-3-6	2	Cooling Water
ND-1-3-7	2	Cooling Water
ND-1-3-8	2	Cooling Water
ND-1-3-9	2	Cooling Water
ND-1-3-10	2	Cooling Water
ND-1-3-11	2	Cooling Water
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ND-1-3-14	2	Cooling Water
ND-1-3-15	2	Cooling Water
ND-1-3-16	2	Cooling Water
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ND-1-3-25	2	Cooling Water
ND-1-3-30	2	Cooling Water
ND-1-3-46	2	Cooling Water
ND-1-3-47	2	Cooling Water
ND-1-3-48	2	Cooling Water
ND-1-3-49	2	Cooling Water
ND-1-3-50	2	Cooling Water
ND-1-3-52	2	Cooling Water
ND-1-3-64	2	Cooling Water
ND-1-3-65	2	Cooling Water
ND-1-3-68	2	Cooling Water

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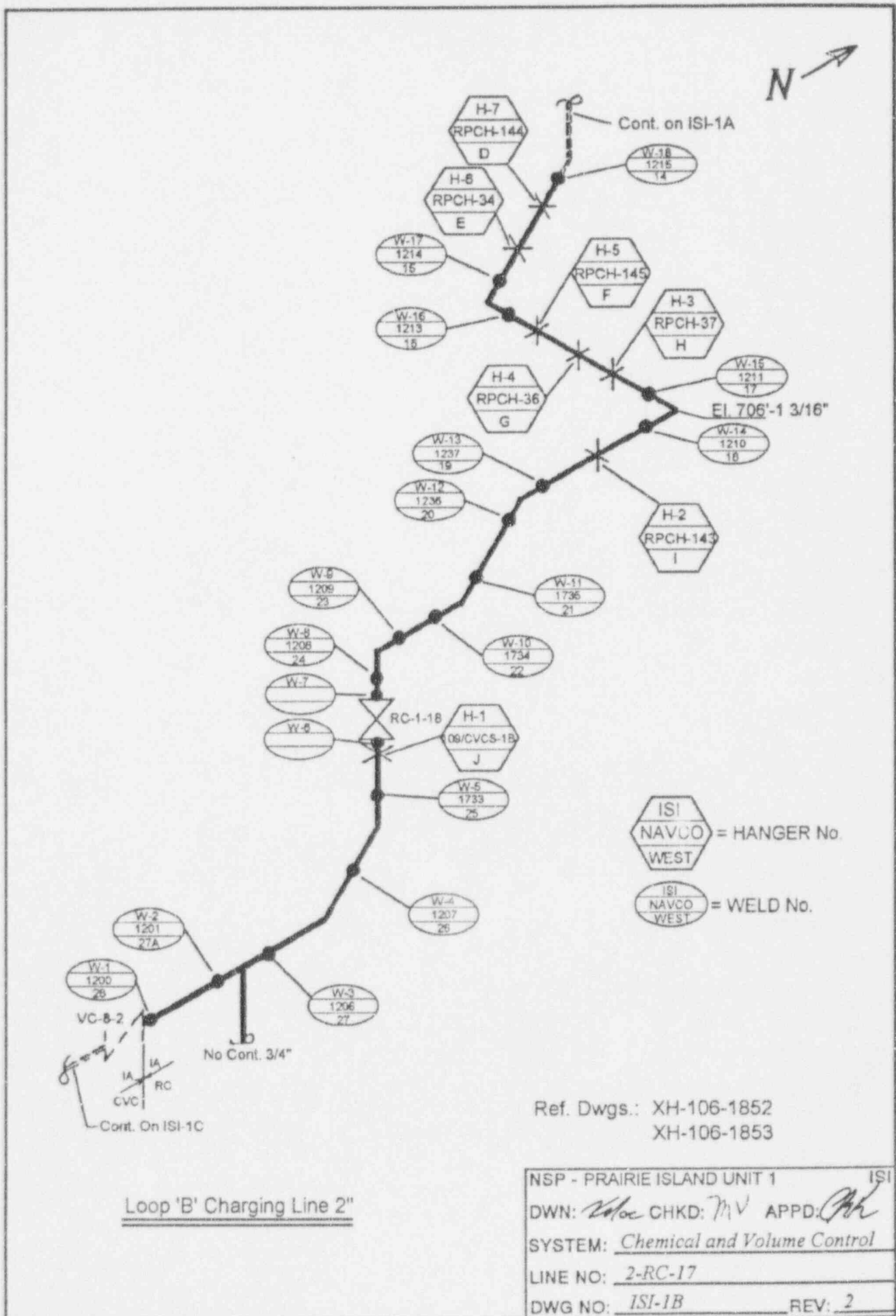
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ND-1-3-91	2	Cooling Water
ND-1-3-92	2	Cooling Water
ND-1-3-93	2	Cooling Water
ND-1-3-94	2	Cooling Water
ND-1-3-95	2	Cooling Water
ND-1-3-166	2	Caustic Add
ND-1-3-178	2	Misc Relief Valve Vents
ND-1-3-216	2	Component Cooling
ND-1-3-217	2	Component Cooling
ND-1-3-218	2	Component Cooling
ND-1-3-219	2	Component Cooling
ND-1-3-220	2	Component Cooling
ND-1-3-221	2	Component Cooling
ND-1-3-222	2	Component Cooling
ND-1-3-223	2	Component Cooling
ND-1-3-224	2	Component Cooling
ND-1-3-225	2	Component Cooling
ND-1-3-227	2	Component Cooling
ND-1-3-228	2	Component Cooling
ND-1-3-244	2	Cooling Water
ND-1-3-248	1	Aux Feedwater
ND-1-3-249	1	Aux Feedwater
ND-1-3-250	1	Aux Feedwater
ND-1-3-251	1	Aux Feedwater
ND-1-3-252	1	Aux Feedwater
ND-1-3-253	1	Aux Feedwater
ND-1-3-254	2	Cooling Water
ND-1-3-258	2	Cooling Water
ND-1-3-265	1	Aux Feedwater



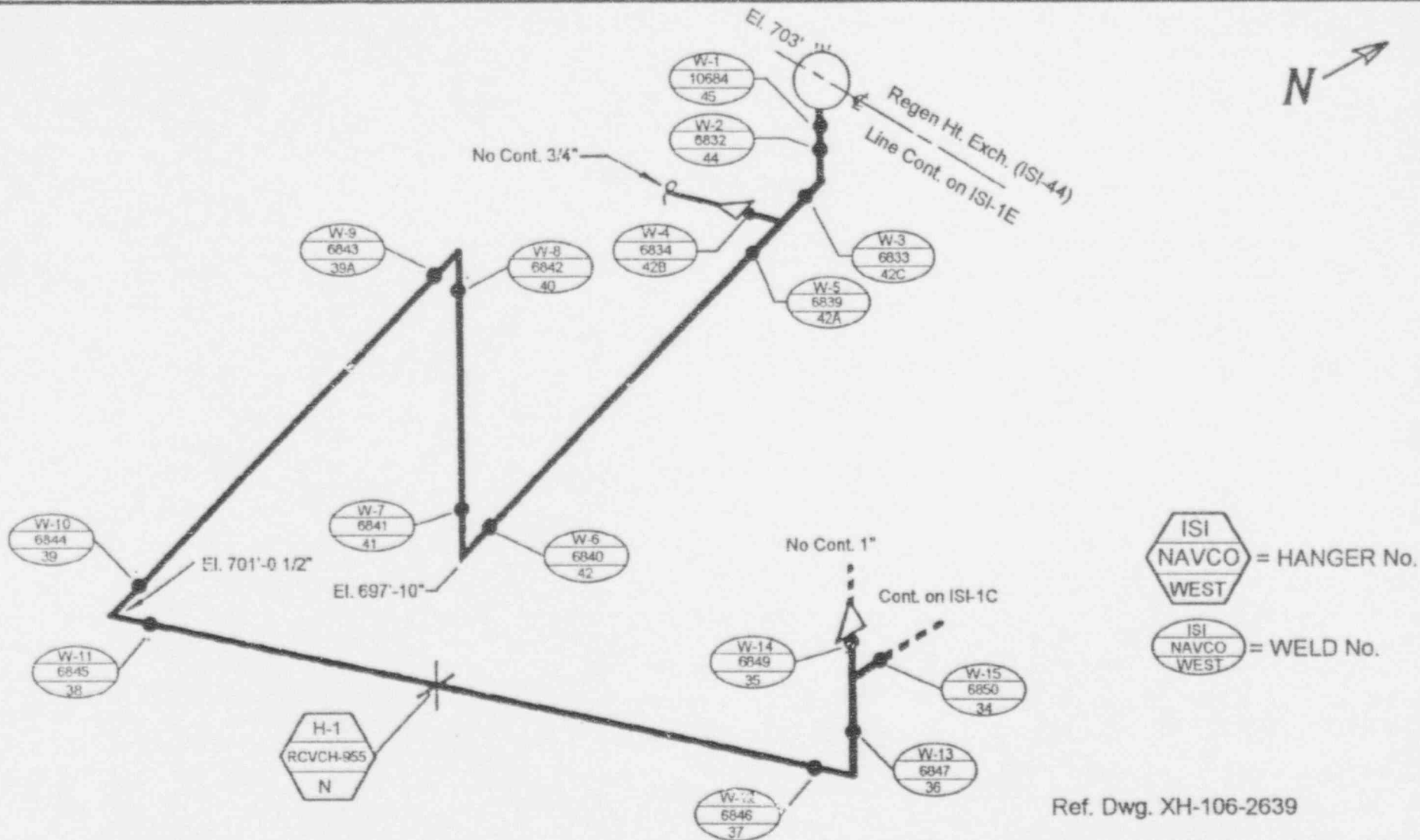
Loop 'B' Charging Line 2"

Ref. Dwgs: XH-106-1853
XH-106-1854

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN:	<i>Mc</i> CHKD: <i>MV</i> APPD: <i>CH</i>	
SYSTEM: <i>Chemical and Volume Control</i>		
LINE NO: <i>2-RC-17</i>		
DWG NO:	<i>ISI-1A</i>	REV: <i>3</i>



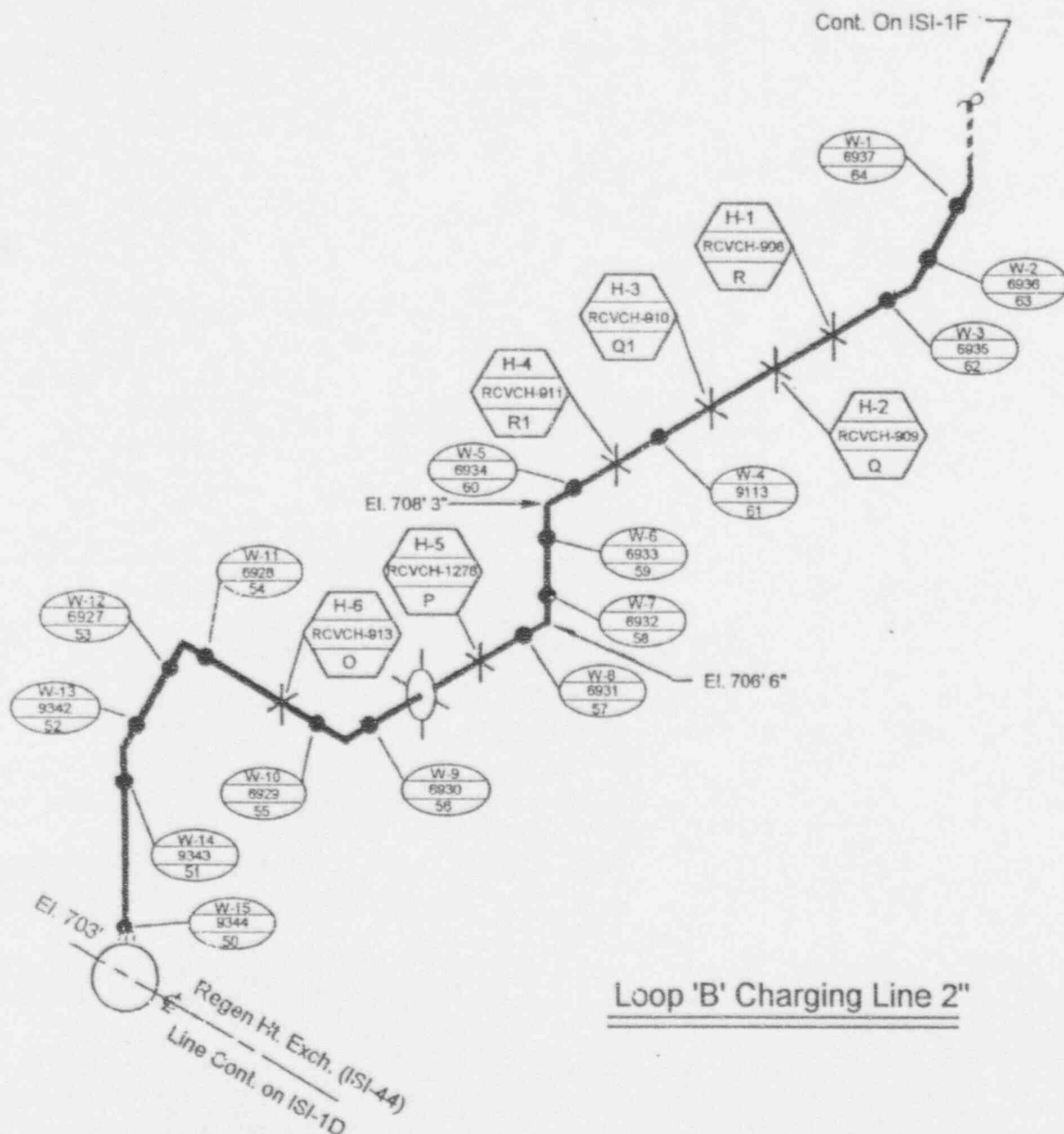
NSP - PRAIRIE ISLAND UNIT 1
DWN: *Whe* CHKD: *MV* APPD: *CHL*
SYSTEM: *Chemical and Volume Control*
LINE NO: *2-VC-5*
DWG NO: *ISI-1C* REV: *2*



Loop 'B' Charging Line 2"

Ref. Dwg. XH-106-2639

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>W1</i> APPD: <i>OK</i>	
SYSTEM: <i>Chemical and Volume Control</i>	
LINE NO: <i>2-VC-5</i>	
DWG NO: <i>ISI-1D</i>	REV: <i>2</i>



ISI
NAVCO
WEST = HANGER No.

ISI
NAVCO
WEST = WELD No.

Ref. Dwg. XH-106-1432

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>YHV</i> APPD: <i>CH</i>	
SYSTEM: <i>Chemical and Volume Control</i>	
LINE NO: <i>2-VC-6</i>	
DWG NO: <i>ISI-1E</i>	REV: <i>2</i>



No Cont. 2"

VC-8-1

Class 2

Class 1

W-1
6916 | 73
2076-3

W-2
72
2076-4

W-3
6917 | 71
2076-5

B-1

W-4
9343 | 69
2076-9

No Cont. 3/4"

W-5
9349
68

W-6
9350
67

W-7
9351
66

H-1
RCVCH-907
S

ISI
NAVCO
WEST

= HANGER No.

ISI
NAVCO
WEST

= WELD Nos.

ISI
Navco West
Chem

ISI

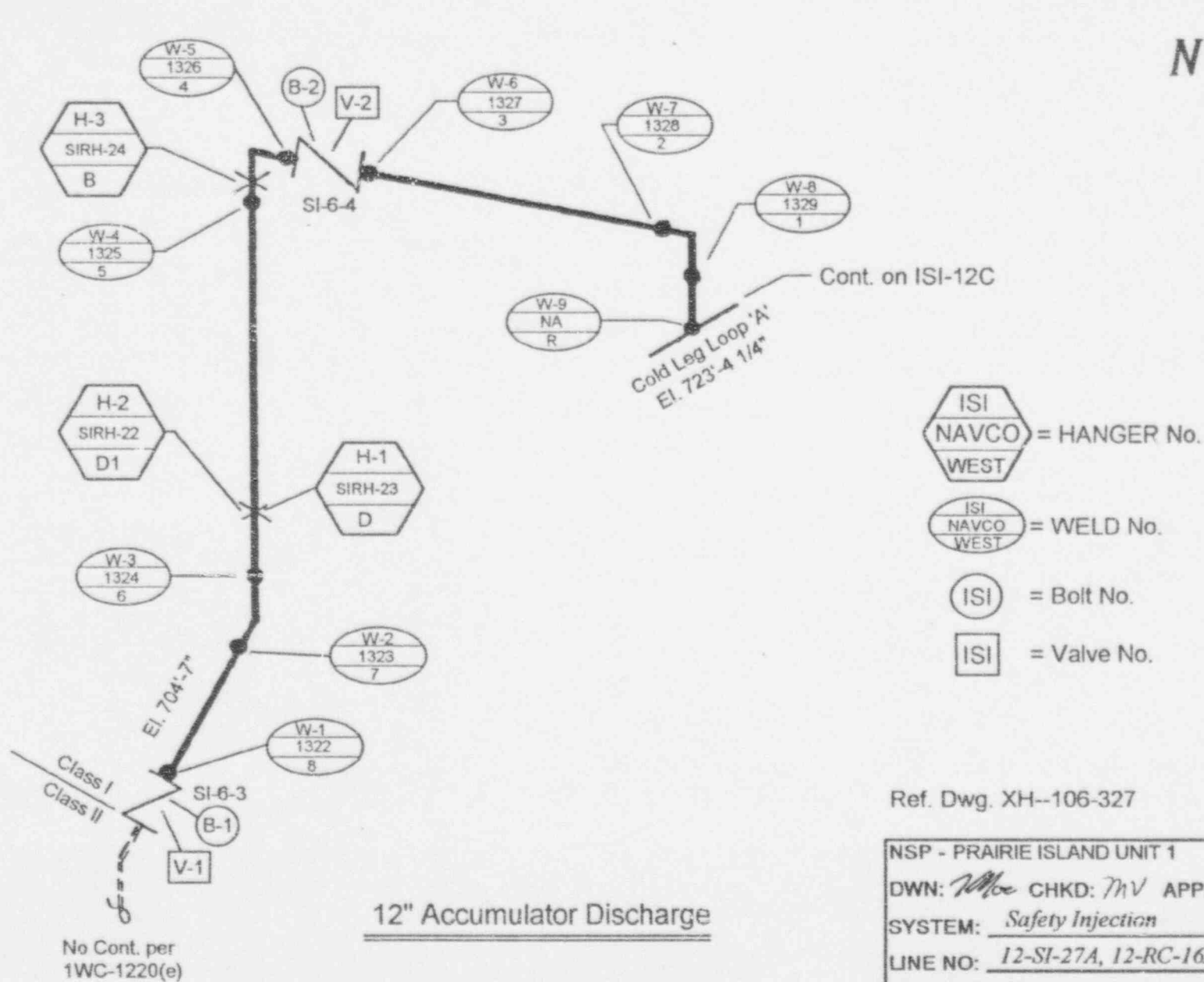
= Bolt No.

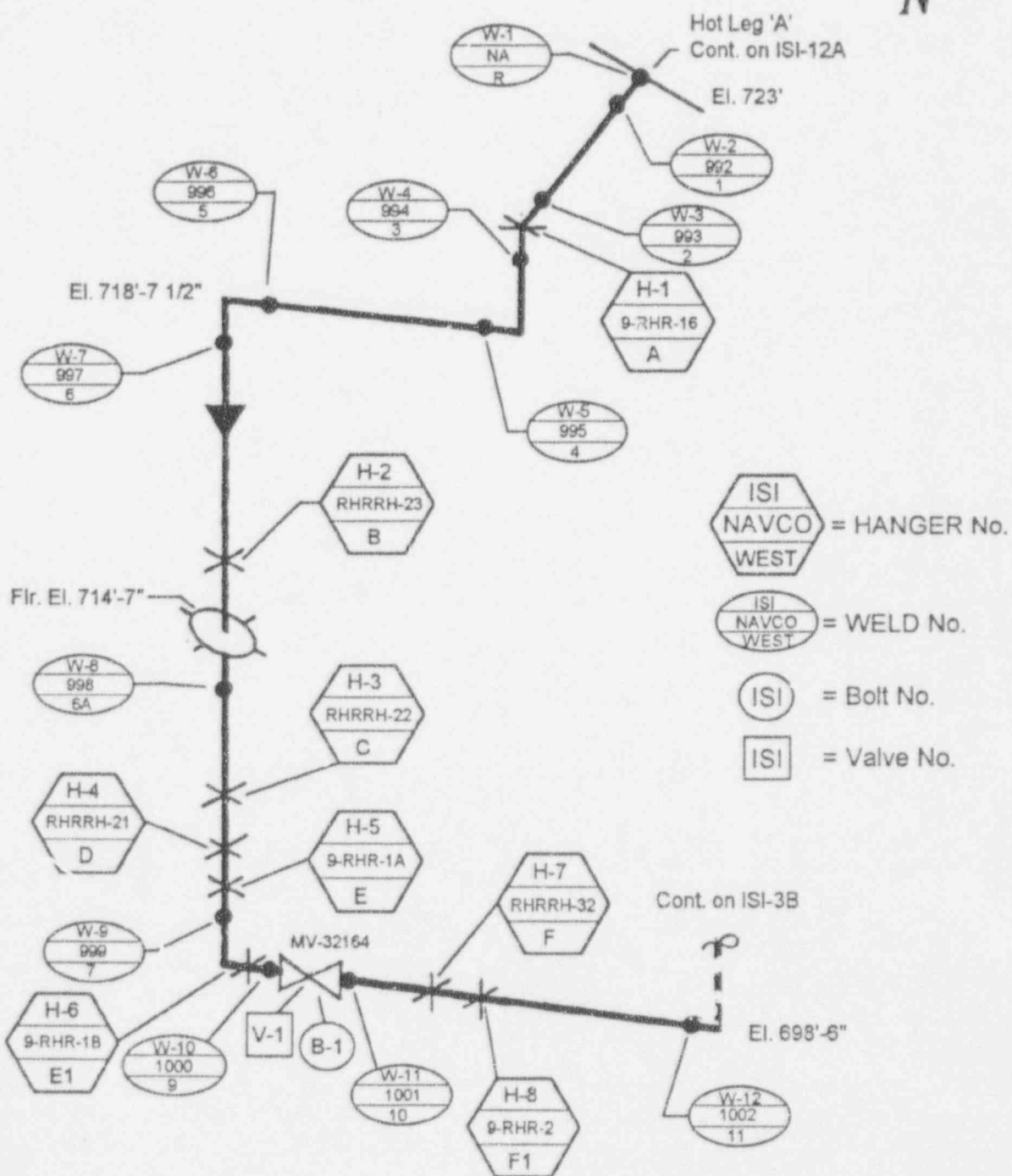
Cont. on ISI-1E

Ref. Dwg. XH-106-1431

Loop 'B' Charging Line 2"

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>Th</i> ✓ APPD: <i>CH</i>	
SYSTEM: <i>Chemical and Volume Control</i>	
LINE NO: <i>2-VC-6</i>	
DWG NO: <i>ISI-1F</i>	REV: <i>2</i>

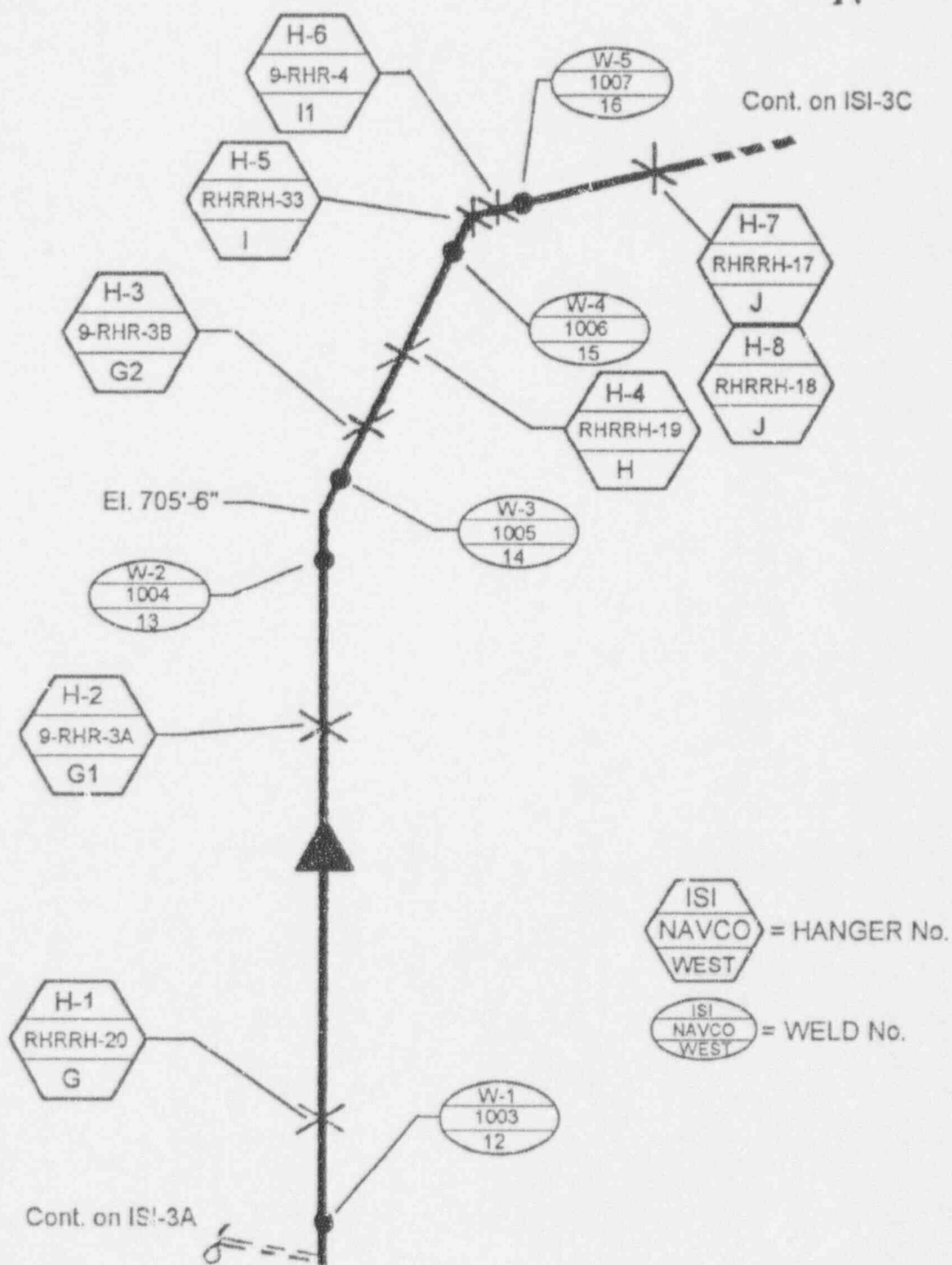




Loop 'A' RHR Takeoff 8"

Ref. Dwg. XH-106-323

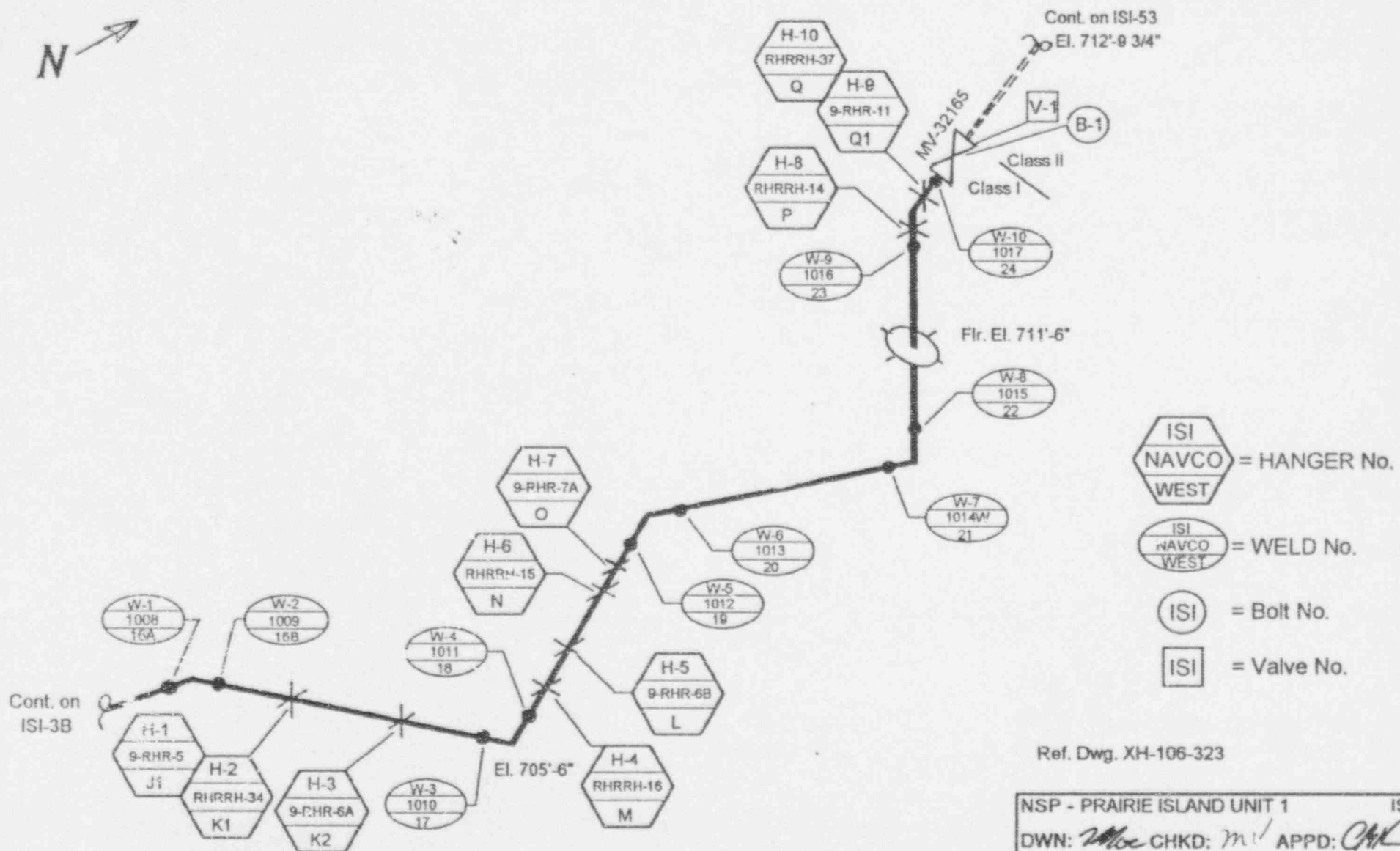
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>[Signature]</i> CHKD: <i>MV</i> APPD: <i>[Signature]</i>	
SYSTEM: <i>Residual Heat Removal</i>	
LINE NO: <i>8-RH-1A, 8-RC-15A</i>	
DWG NO: <i>ISI-3A</i>	REV: <i>3</i>



Loop 'A' RHR Takeoff 8"

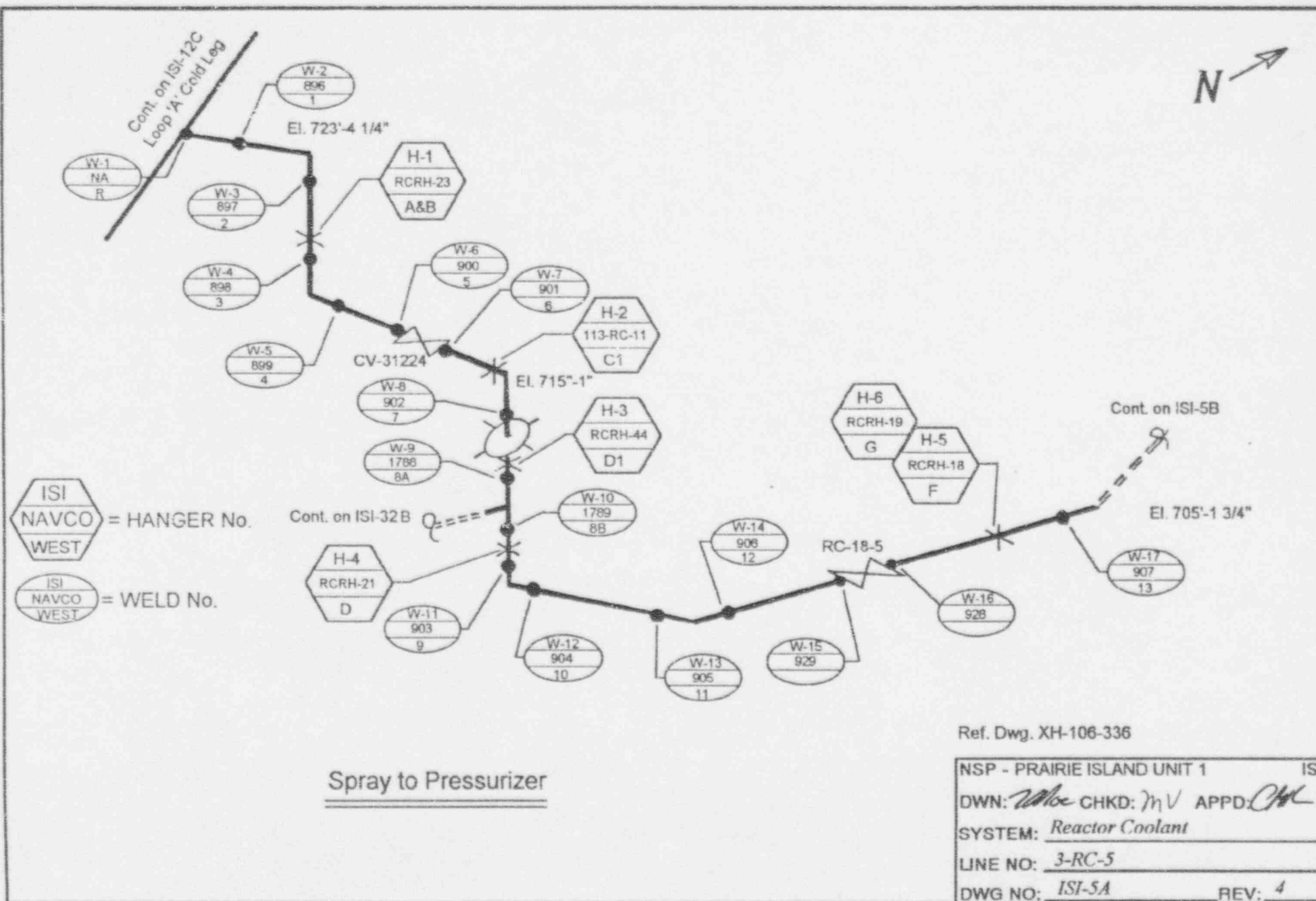
Ref. Dwg. XH-106-323

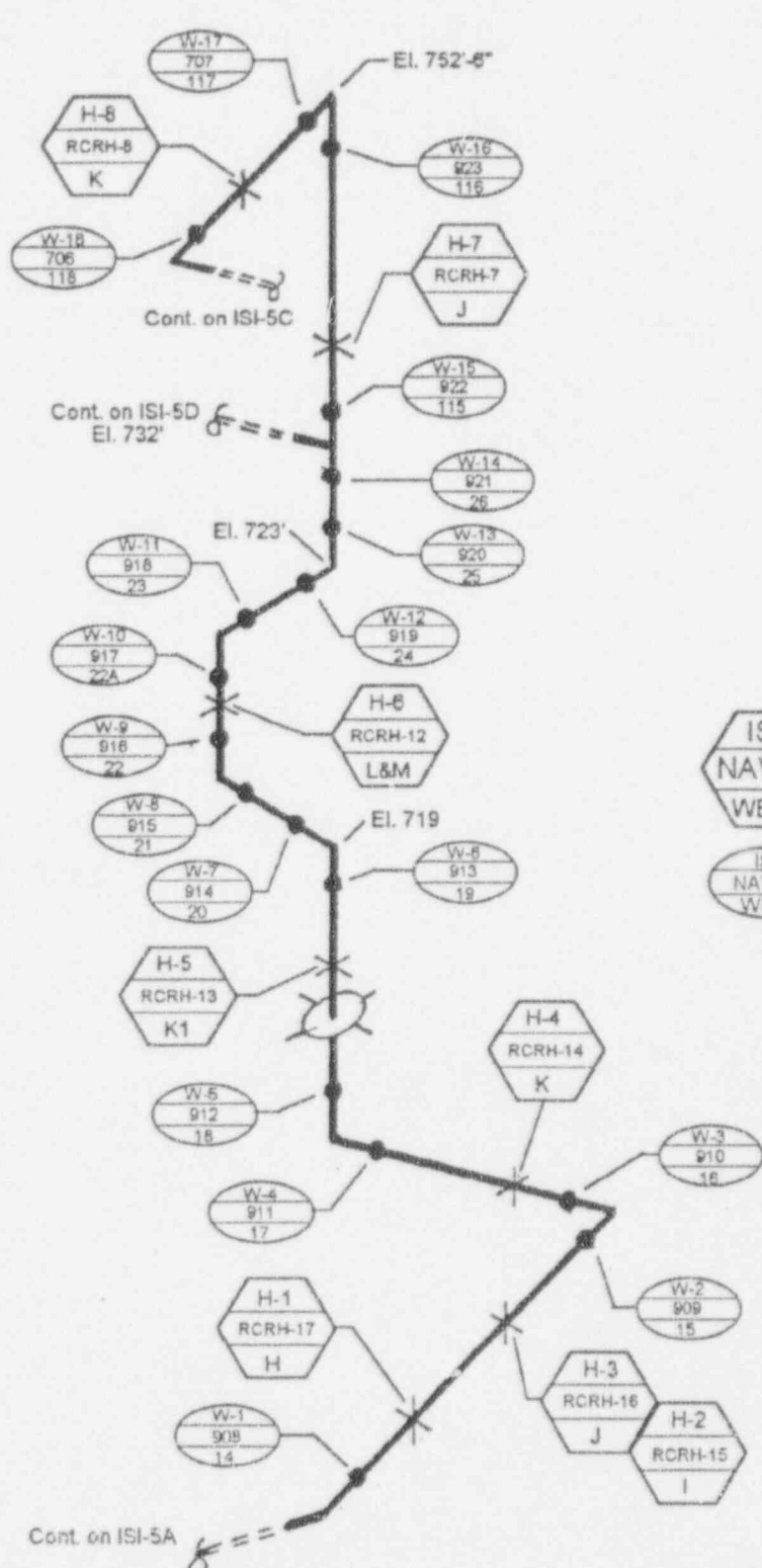
NSP - PRAIRIE ISLAND UNIT 1			ISI
DWN:	CHKD: <i>mv</i>	APPD: <i>AK</i>	
SYSTEM: <i>Residual Heat Removal</i>			
LINE NO: <i>8-RH-1A</i>			
DWG NO: <i>ISI-3B</i>	REV: <i>2</i>		



Loop 'A' RHR Takeoff 8"

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>mi</i> APPD: <i>CMK</i>	
SYSTEM: <i>Residual Heat Removal</i>	
LINE NO: <i>8-RH-1A</i>	
DWG NO: <i>ISI-3C</i>	REV: <i>2</i>



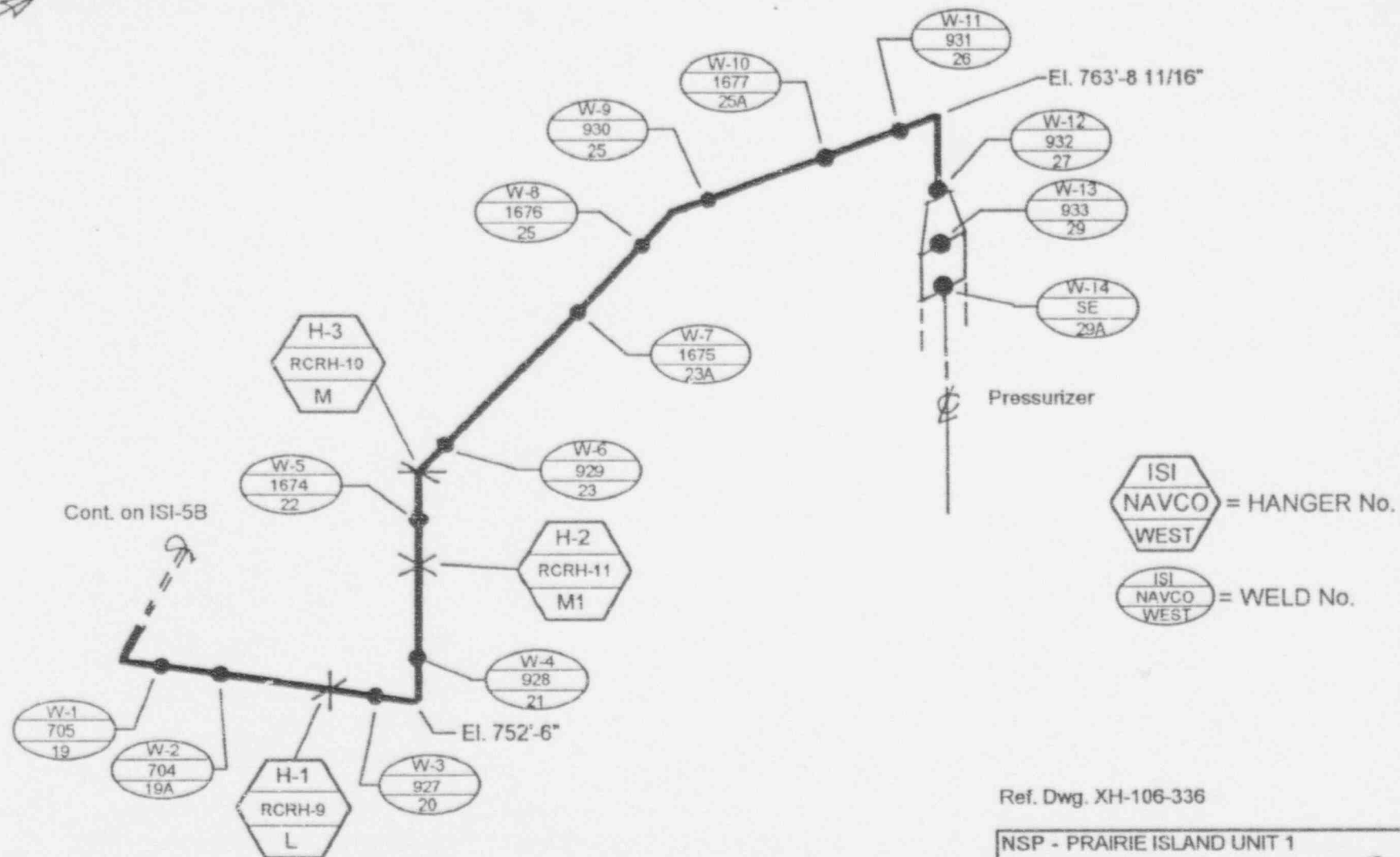


ISI NAVCO WEST = HANGER No.
 ISI NAVCO WEST = WELD No.

Ref. Dwg. XH-106-336

Spray to Pressurizer

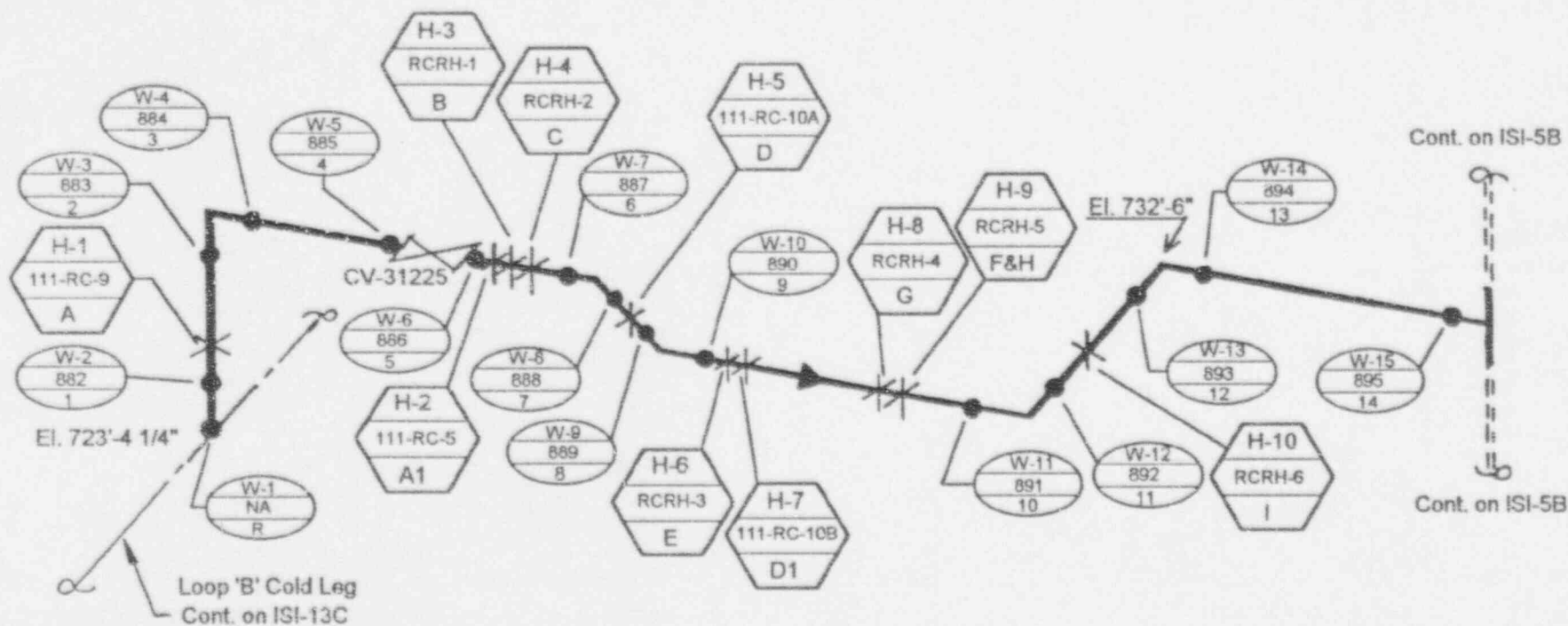
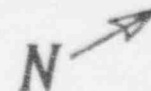
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>MV</i> APPD: <i>CH</i>	
SYSTEM: <i>Reactor Coolant</i>	
LINE NO: <i>3-RC-5</i>	
DWG NO: <i>ISI-5B</i>	REV: <i>3</i>



Spray to Pressurizer

Ref. Dwg. XH-106-336

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>Mac</i>	CHKD: <i>mv</i>	APPD: <i>CHK</i>
SYSTEM: <i>Reactor Coolant</i>		
LINE NO: <i>3-RC-5</i>		
DWG NO: <i>ISI-5C</i>	REV: <i>2</i>	

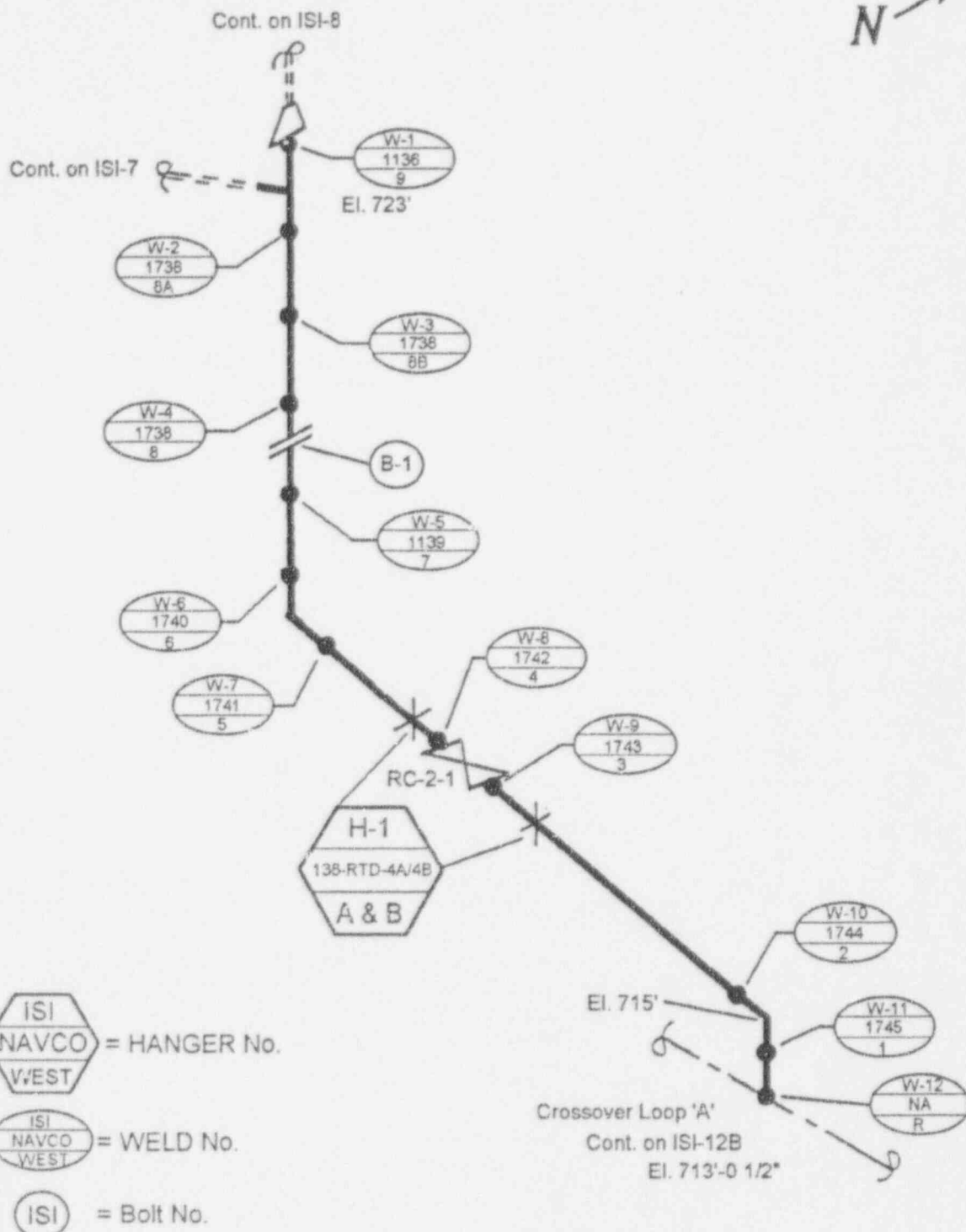


= HANGER No.
 = WELD No.

Spray to Pressurizer

Ref. Dwg. XH-106-336

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Mike</i> CHKD: <i>MV</i> APPD: <i>OK</i>	
SYSTEM: <i>Reactor Coolant</i>	
LINE NO: <i>3-RC-5</i>	
DWG NO: <i>ISI-5D</i>	REV: <i>3</i>



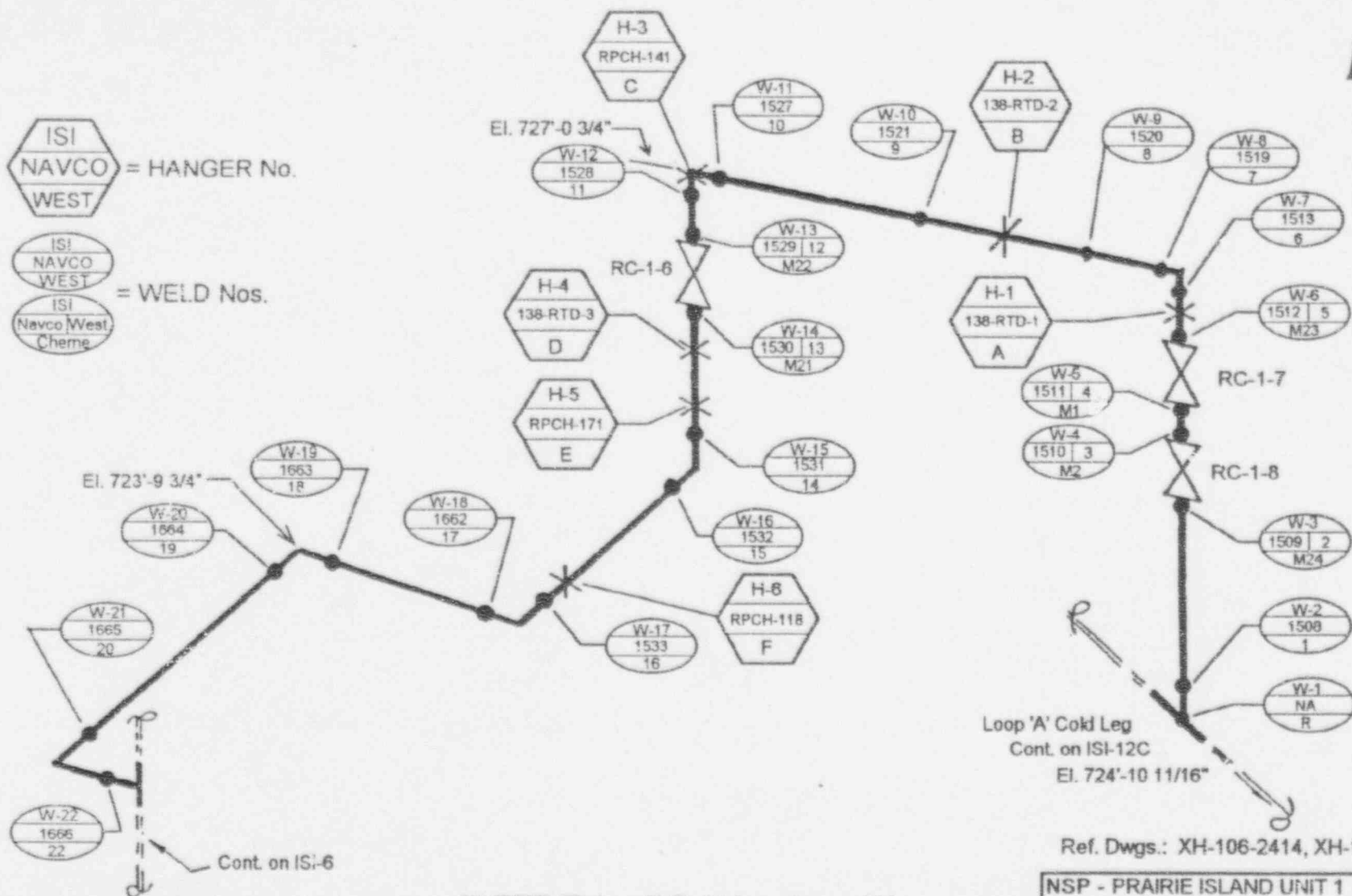
Ref. Dwg. XH-106-338

Loop 'A' 3" RTD Return

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Moe</i> CHKD: <i>MV</i> APPD: <i>CH</i>	
SYSTEM: <i>Reactor Coolant</i>	
LINE NO: <i>3-RC-6A</i>	
DWG NO: <i>ISI-6</i>	REV: <i>2</i>

ISI
NAVCO
WEST = HANGER No.

ISI
NAVCO
WEST = WELD Nos.
ISI
Navco West
Chemo

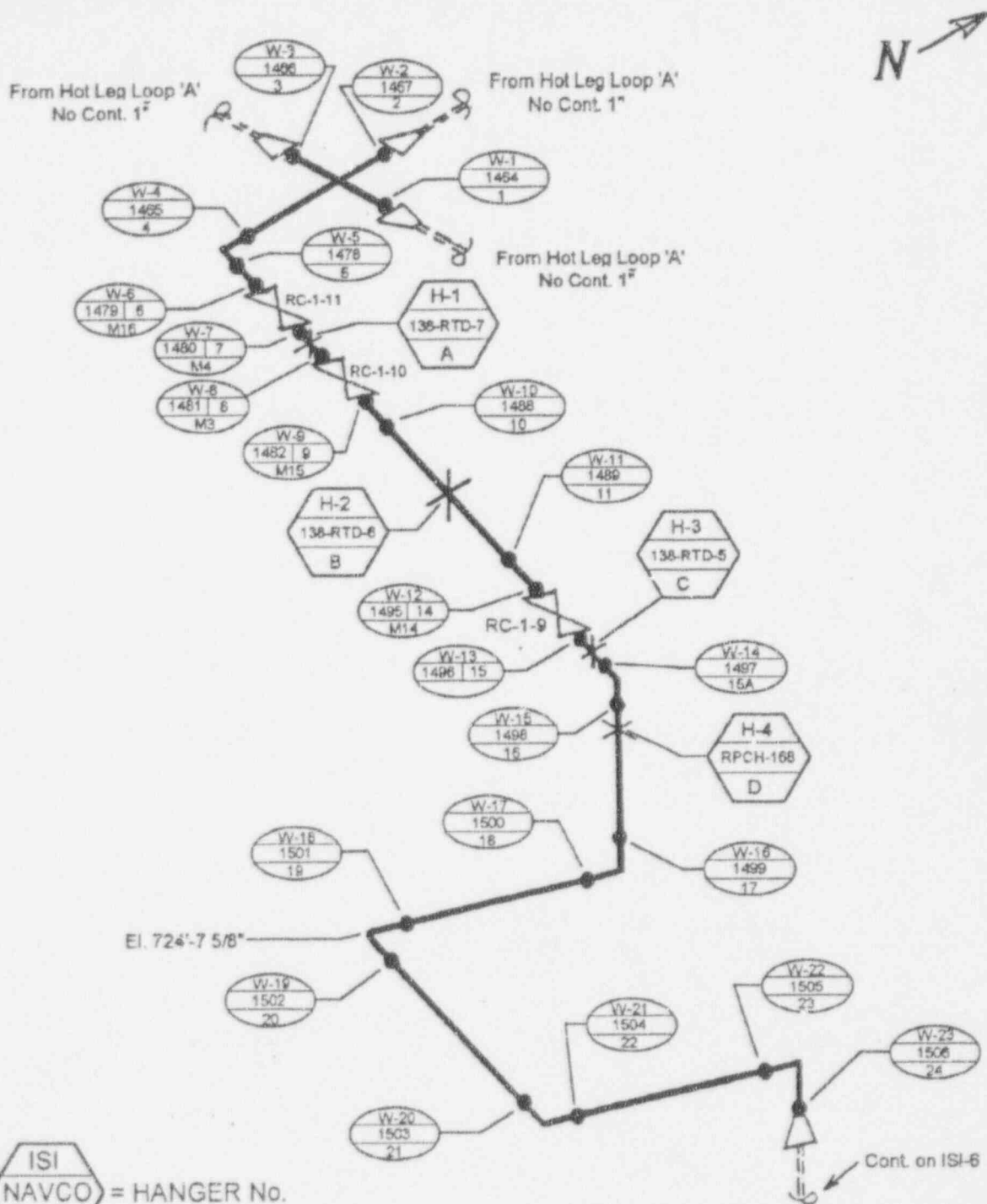


2" RTD Takeoff Cold Leg Loop 'A'

Loop 'A' Cold Leg
Cont. on ISI-12C
El. 724'-10 11/16"

Ref. Dwgs.: XH-106-2414, XH-106-2416

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>WV</i> APPD: <i>CHK</i>	
SYSTEM: <i>Reactor Coolant</i>	
LINE NO: <i>2-RC-8A</i>	
DWG NO: <i>ISI-7</i>	REV: <i>2</i>



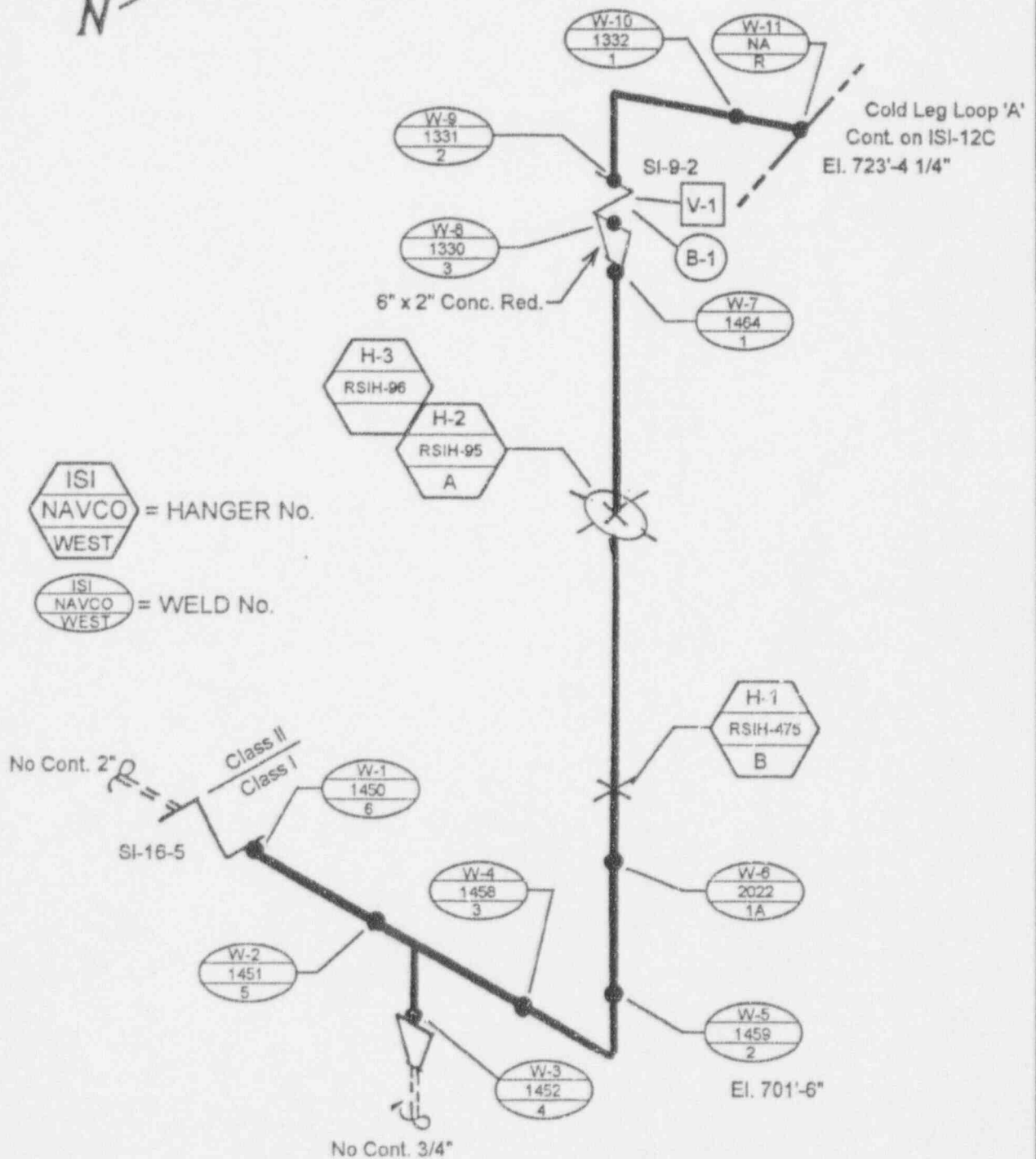
ISI
NAVCO
WEST = HANGER No.

ISI
NAVCO
WEST = WELD Nos.
ISI
Navco West
Cherne

Ref. Dwgs.: XH-106-2412
XH-106-2413
XH-106-2415

2" RTD Takeoff Loop 'A' Hot Leg

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>Mac</i>	CHKD: <i>mv</i>	APPD: <i>CH</i>
SYSTEM: <i>Reactor Coolant</i>		
LINE NO: <i>2-RC-7A</i>		
DWG NO: <i>ISI-8</i>	REV: <i>2</i>	

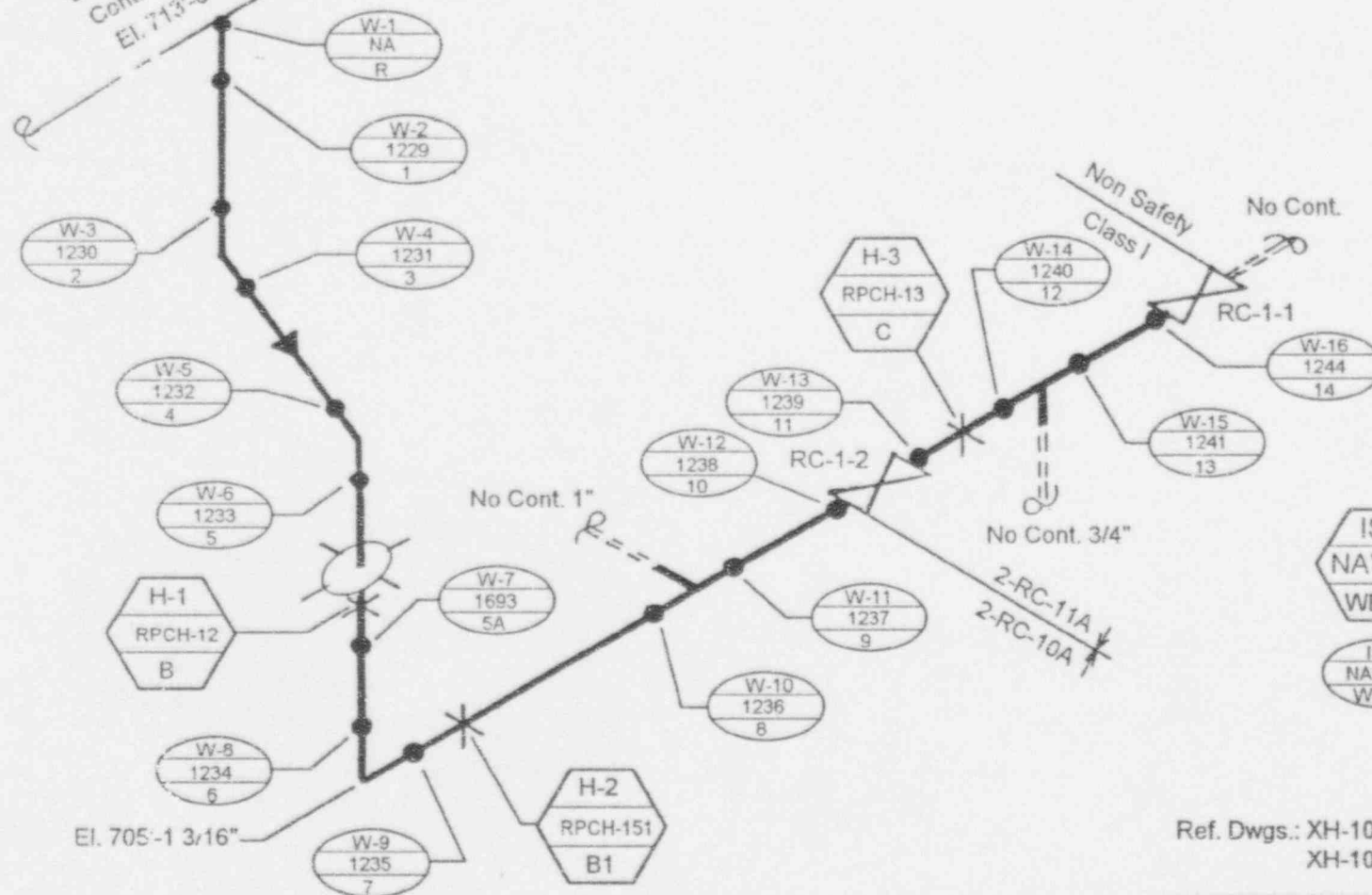
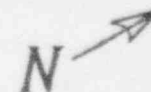


Ref. Dwgs.: XH-106-1327
XH-106-327

6" SIS High Head Loop 'A' Cold Leg
2" SIS High Head Loop 'A' Cold Leg

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>mv</i> APPD: <i>AK</i>	
SYSTEM: <i>Safety Injection</i>	
LINE NO: <i>2-SI-35A, 6-RC-13B</i>	
DWG NO: <i>ISI-9</i>	REV: <i>3</i>

Loop 'A' Crossover
Cont. on ISI-12B
El. 713'-0 1/2"



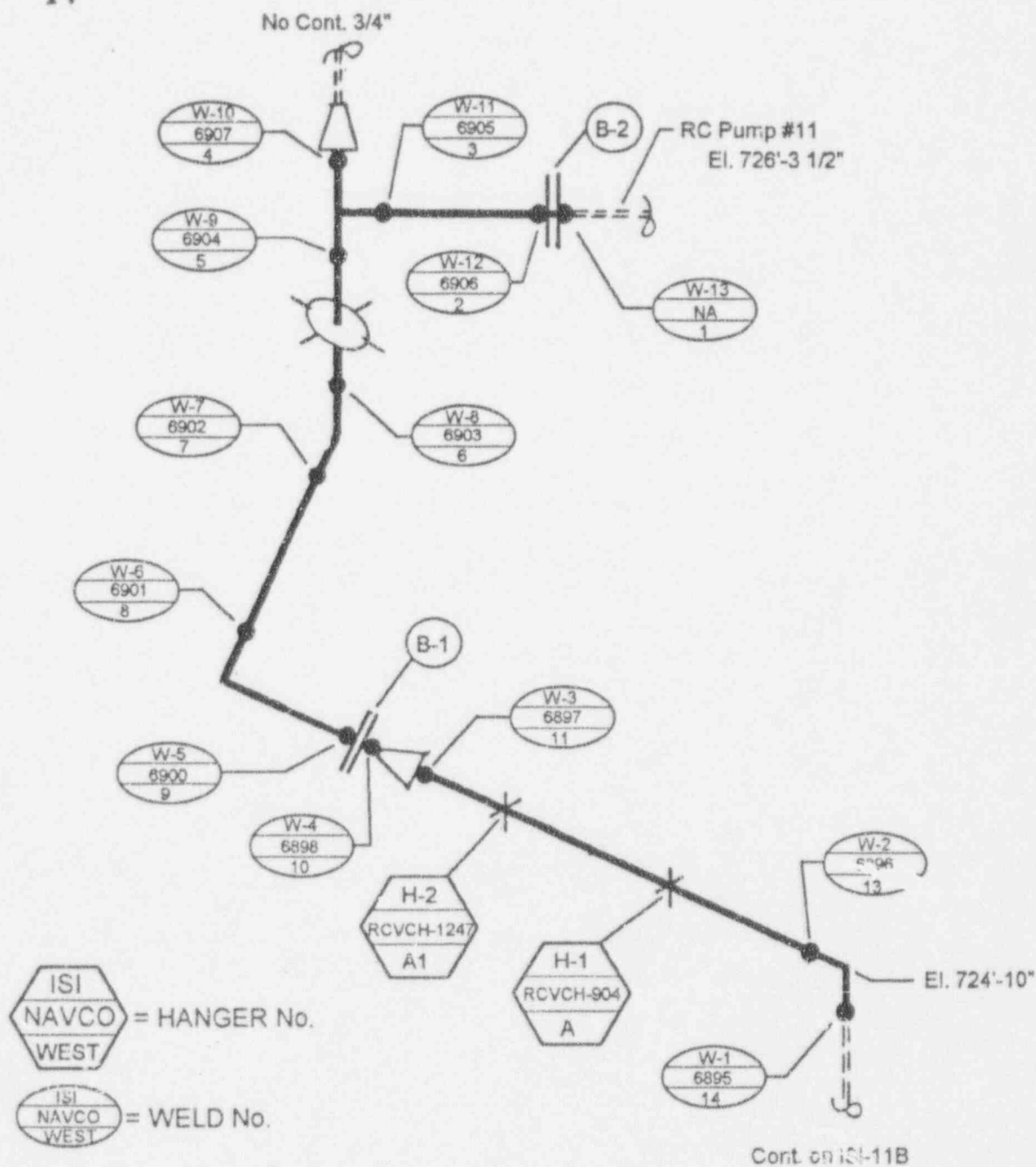
ISI
NAVCO
WEST = HANGER No.

ISI
NAVCO
WEST = WELD No.

Ref. Dwgs.: XH-106-1166
XH-106-1167

2" Drain (on Crossover) Loop 'A'

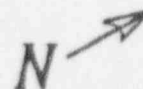
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Mac</i> CHKD: <i>NV</i> APPD: <i>OK</i>	
SYSTEM: <u>Reactor Coolant</u>	
LINE NO: <u>2-RC-10A, 2-RC-11A</u>	
DWG NO: <u>ISI-10</u>	REV: <u>3</u>



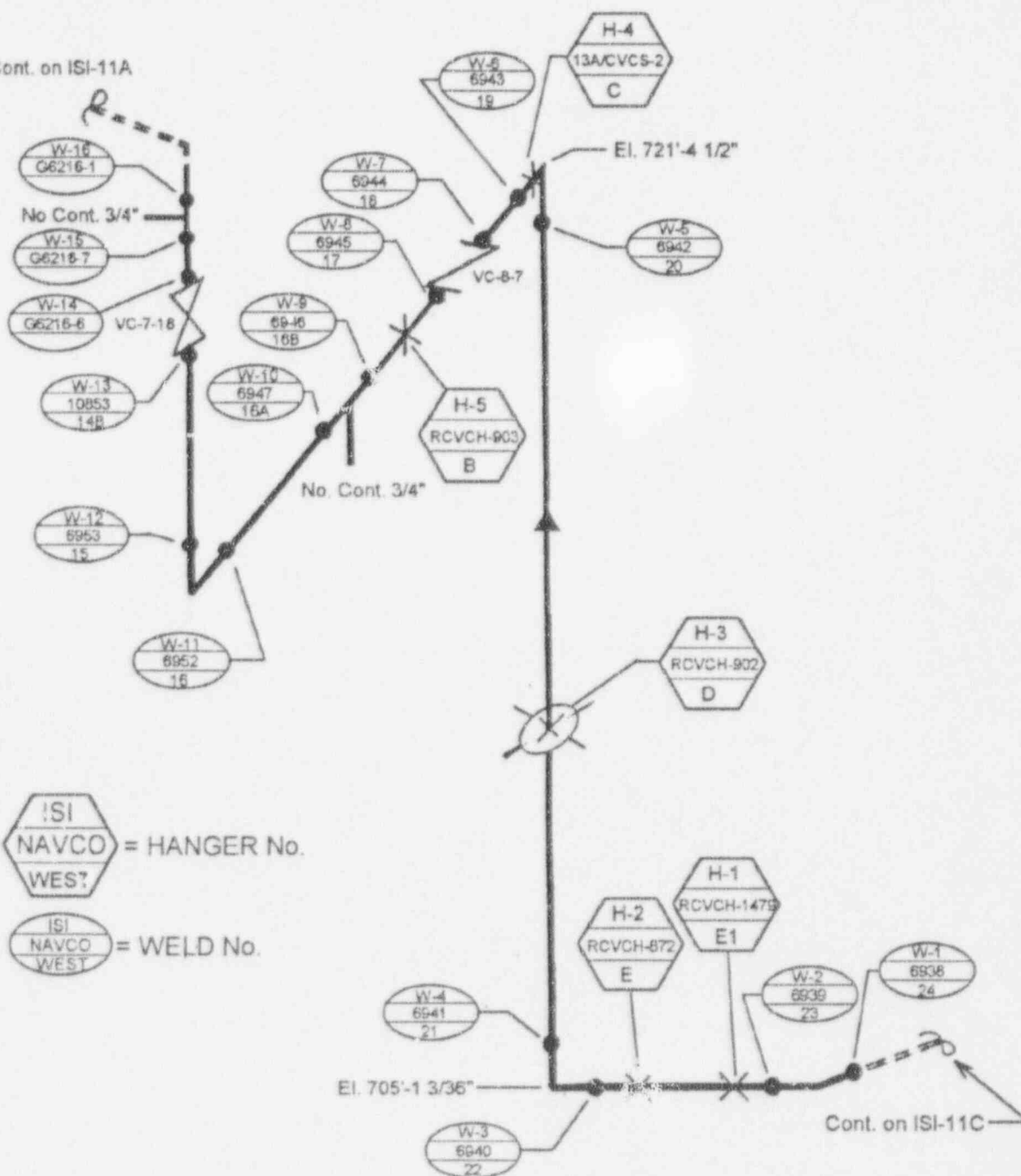
Ref. Dwg. XH-106-1433

2" & 1 1/2" Seal Injection Loop 'A'

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>mv</i> APPD: <i>CHK</i>	
SYSTEM: <i>Seal Injection</i>	
LINE NO: <i>2-VC-21A, 1 1/2-VC-21A</i>	
DWG NO: <i>ISI-11A</i>	REV: <i>3</i>



Cont. on ISI-11A



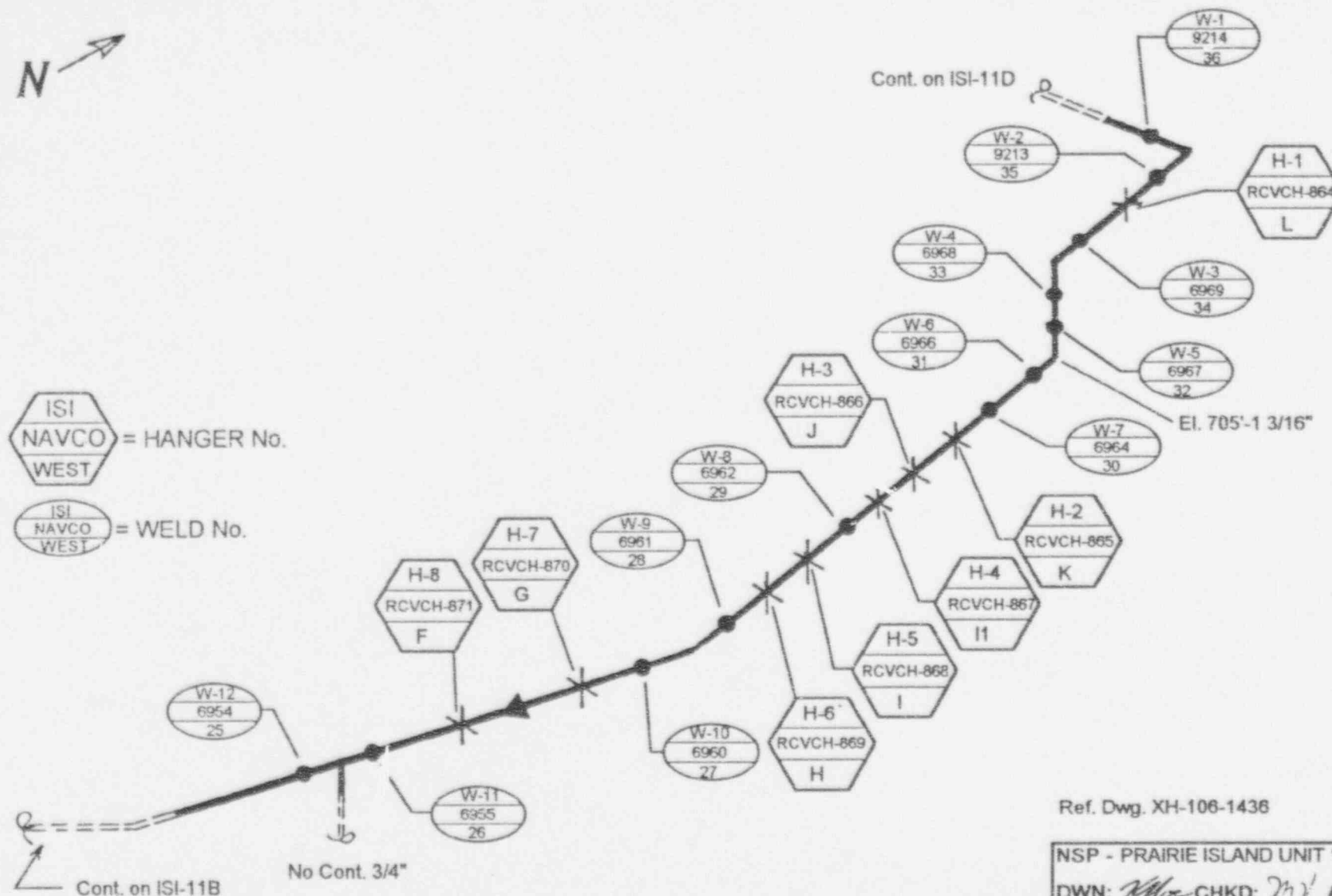
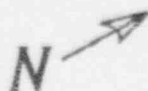
ISI
NAVCO = HANGER No.
WES?

ISI
NAVCO = WELD No.
WEST

Ref. Dwg. XH-106-1435

2" & 1 1/2" Seal Injection Loop 'A'

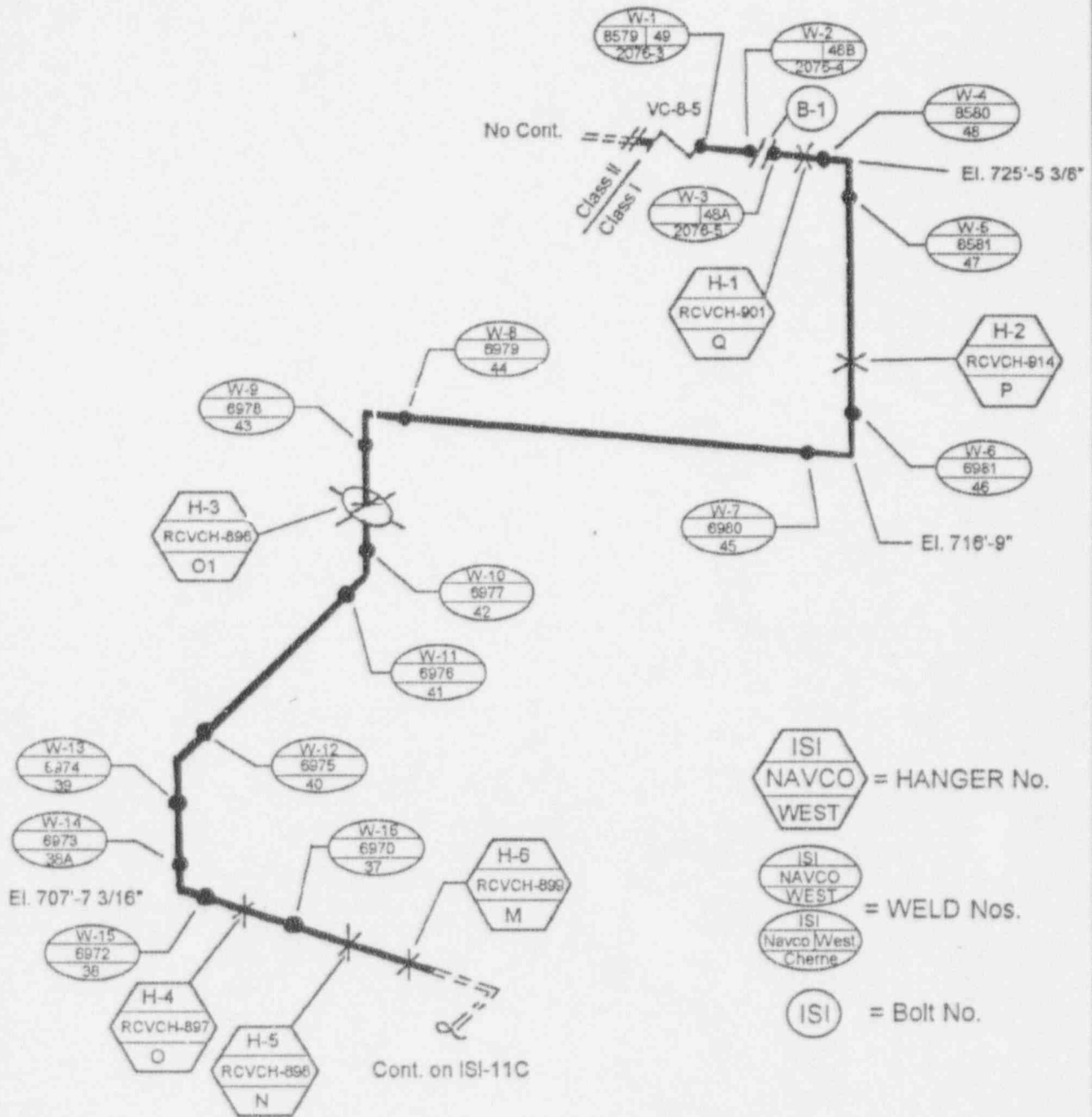
NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>KMA</i>	CHKD: <i>NAV</i>	APPD: <i>CH</i>
SYSTEM: <i>Seal Injection</i>		
LINE NO: <i>2-VC-21A</i>		
DWG NO: <i>ISI-11B</i>	REV: <i>2</i>	



2" & 1 1/2" Seal Injection Loop 'A'

Ref. Dwg. XH-106-1436

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>MV</i> APPD: <i>CH</i>	
SYSTEM: <i>Seal Injection</i>	
LINE NO: <i>2-VC-21A</i>	
DWG NO: <i>ISI-11C</i>	REV: <i>2</i>

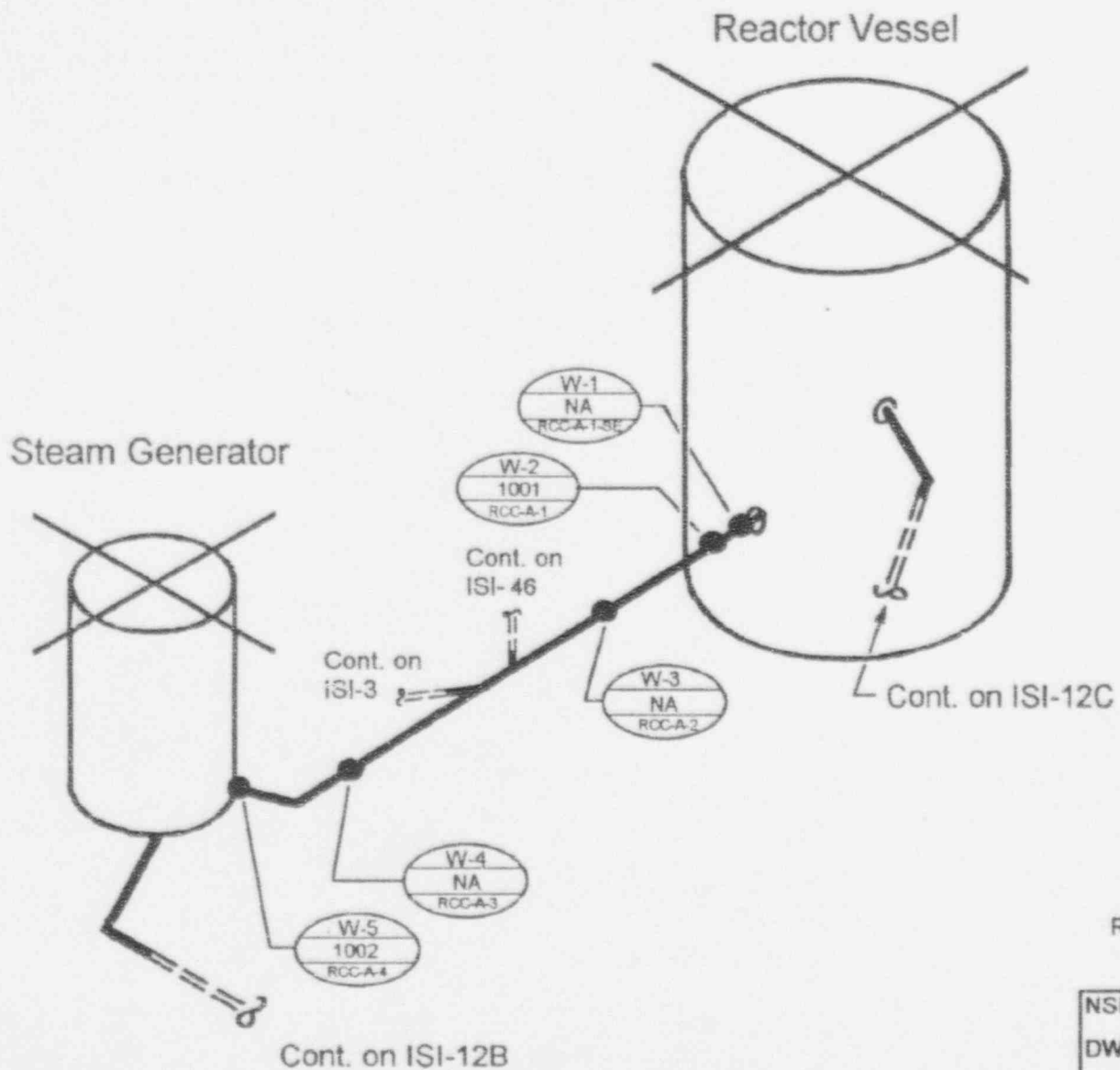


ISI
NAVCO
WEST = HANGER No.
 ISI
NAVCO
WEST = WELD Nos.
 ISI
Navco West
Cherne
 (ISI) = Bolt No.

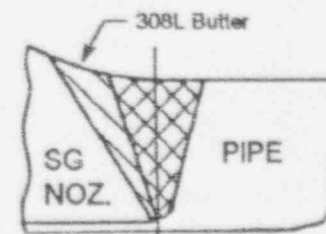
Ref. Dwgs. XH-106-1437
 XH-106-1438

2" & 1 1/2" Seal Injection Loop 'A'

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Muc</i> CHKD: <i>MA</i> APPD: <i>AK</i>	
SYSTEM: <i>Seal Injection</i>	
LINE NO: <i>2-VC-21A</i>	
DWG NO: <i>ISI-11D</i>	REV: <i>3</i>

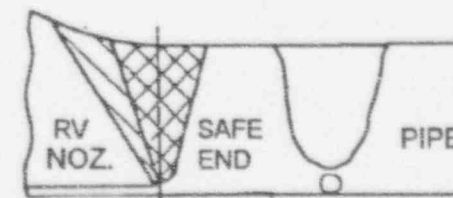


Reactor Coolant Loop 'A'



Weld 5 Detail

ISI
NAVCO
WEST = WELD No.



Weld 1 Detail

Ref. Dwgs: XH-1-621
XH-1-104

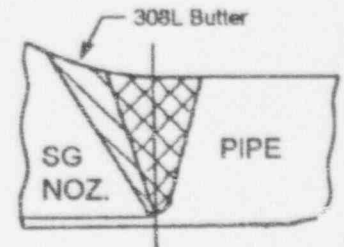
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Moe</i> CHKD: <i>mv</i> APPD: <i>CHK</i>	
SYSTEM: <u>Reactor Coolant</u>	
LINE NO: <u>29-RC-1A</u>	
DWG NO: <u>ISI-12A</u>	REV: <u>0</u>



Steam Generator

Cont. on ISI-12A

Cont. on ISI-12C



Weld 1 Detail

ISI
NAVCO
WEST = WELD No.

Reactor Coclant Pump

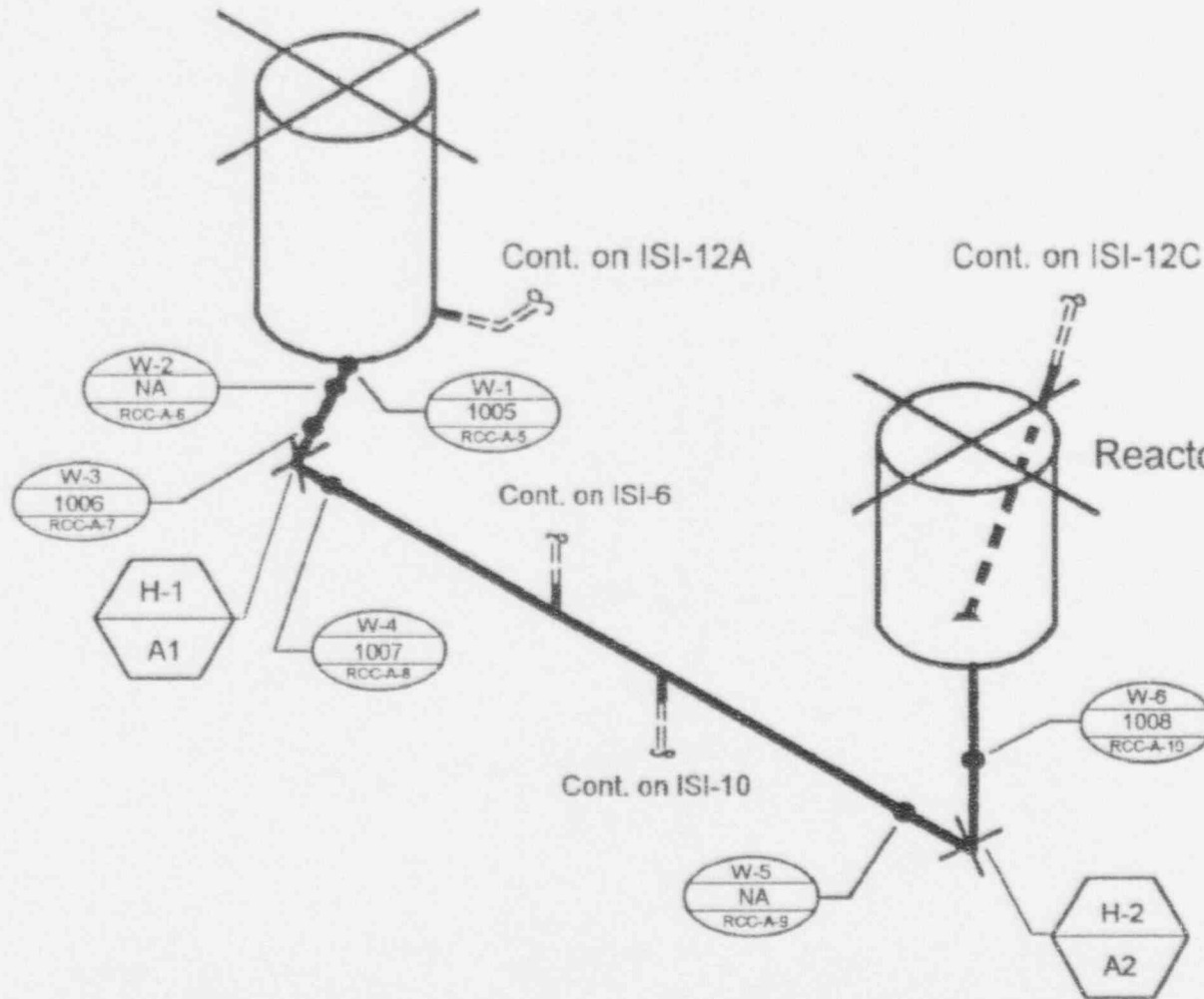
Cont. on ISI-6

Cont. on ISI-10

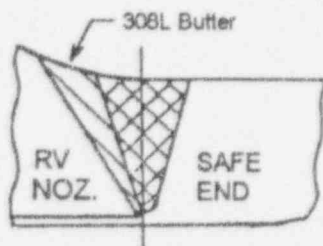
Ref. Dwgs: XH-1-622
XH-1-104

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>MV</i> APPD: <i>CAK</i>	
SYSTEM: <u>Reactor Coolant</u>	
LINE NO: <u>31-RC-2A</u>	
DWG NO: <u>ISI-12B</u>	REV: <u>0</u>

Reactor Coolant Loop 'A'

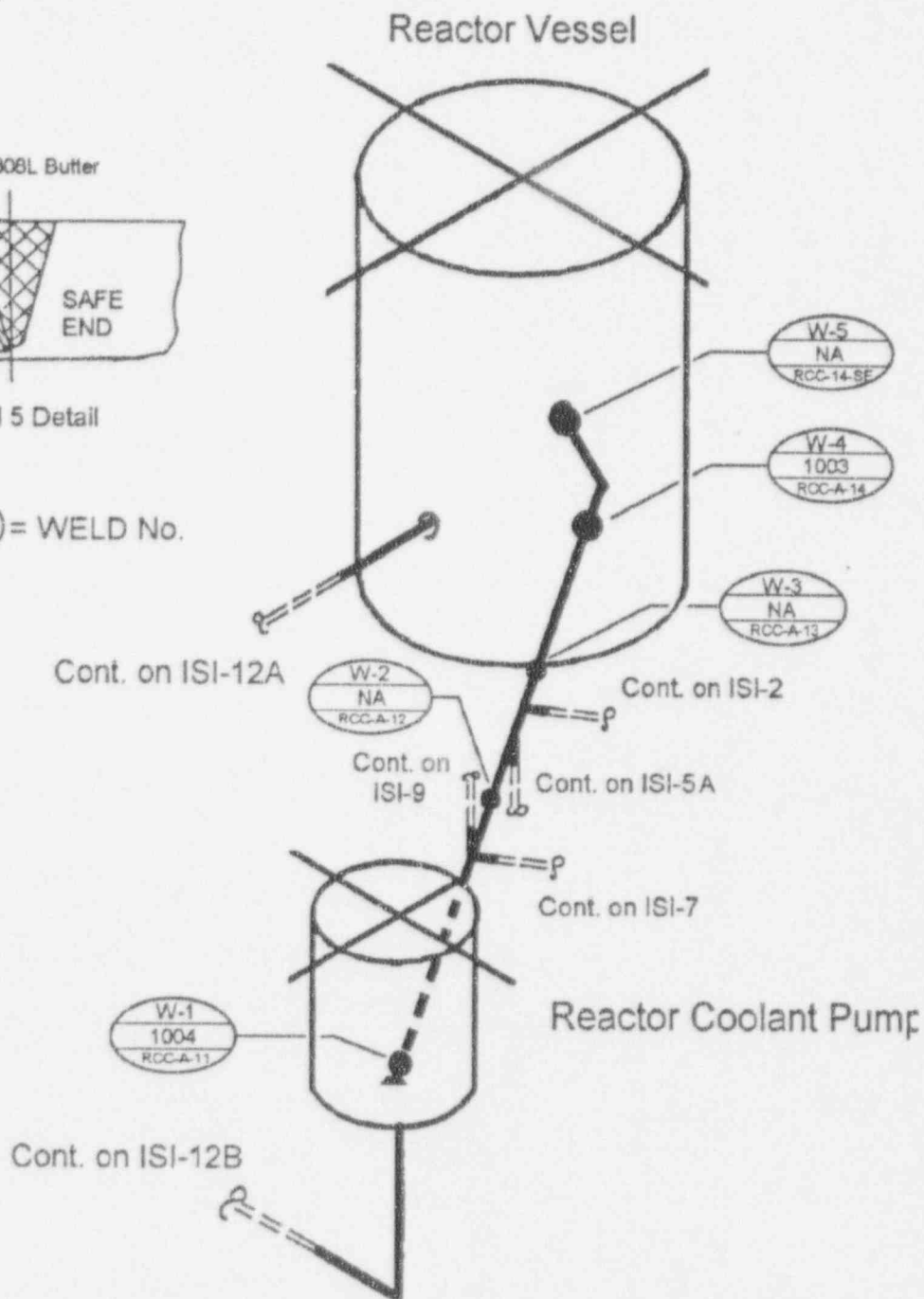


N



Weld 5 Detail

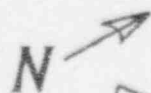
ISI
NAVCO
WEST = WELD No.



Ref. Dwgs: XH-1-624
XH-1-104

Reactor Coolant Loop 'A'

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: A.S. CHKD: jnv APPD: <i>CAK</i>	
SYSTEM: <u>Reactor Coolant</u>	
LINE NO: <u>27 1/2-RC-3A</u>	
DWG NO: <u>ISI-12C</u>	REV: <u>0</u>



Weld 1 Detail



Weld 5 Detail

ISI
NAVCO
WEST = WELD No.

Cont. on ISI-13C

Reactor Vessel

Reactor Coolant Loop 'B'

Steam Generator

Cont. on ISI-13B

Cont. on
ISI-28

Cont. on
ISI-47

Cont. on
ISI-23

Cont. on
ISI-19B

W-3
NA
RCC-B-2

W-2
1009
RCC-B-1

W-1
NA
RCC-B-1-SE

W-5
1010
RCC-B-4

W-4
NA
RCC-B-3

Ref. Dwgs: XH-1-625
XH-1-104

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: A.J.	CHKD: mv APPD: CMK
SYSTEM: <u>Reactor Coolant</u>	
LINE NO: <u>29-RC-1B</u>	
DWG NO: <u>ISI-13A</u>	REV: <u>0</u>

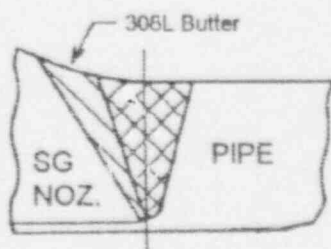


Reactor Coolant Pump

Steam Generator

ISI
NAVCO
WEST = WELD No.

Cont. on IS-13C



Weld 1 Detail

H-2
B2

W-6
1016
RCC-B-10

W-5
NA
RCC-B-9

Cont. on ISI-21

Cont. on ISI-25

W-3
1014
RCC-B-7

W-4
1015
RCC-B-8

W-2
NA
RCC-B-6

W-1
1013
RCC-B-5

Cont. on ISI-13A

H-1
B1

Reactor Coolant Loop 'B'

Ref. Dwg: XH-1-626
XH-1-104

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>me</i> CHKD: <i>mv</i> APPD: <i>CHK</i>	
SYSTEM: <u>Reactor Coolant</u>	
LINE NO: <u>31-RC-2B</u>	
DWG NO: <u>ISI-13B</u>	REV: <u>0</u>

N ↗

Reactor
Coolant
Pump

Reactor
Vessel

W-2
NA
RCC-B-12

W-3
NA
RCC-B-13

W-5
NA
RCC-B-14 SE

W-4
1011
RCC-B-14

W-1
1012
RCC-B-11

Cont. on
ISI-17

Cont. on
ISI-5B

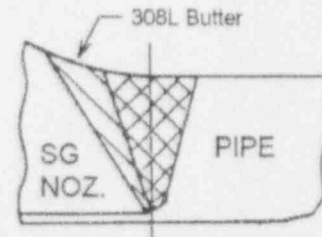
Cont. on
ISI-24

Cont. on
ISI-22

Cont. on ISI-1

Cont. on
ISI-13B

Cont. on ISI-13A



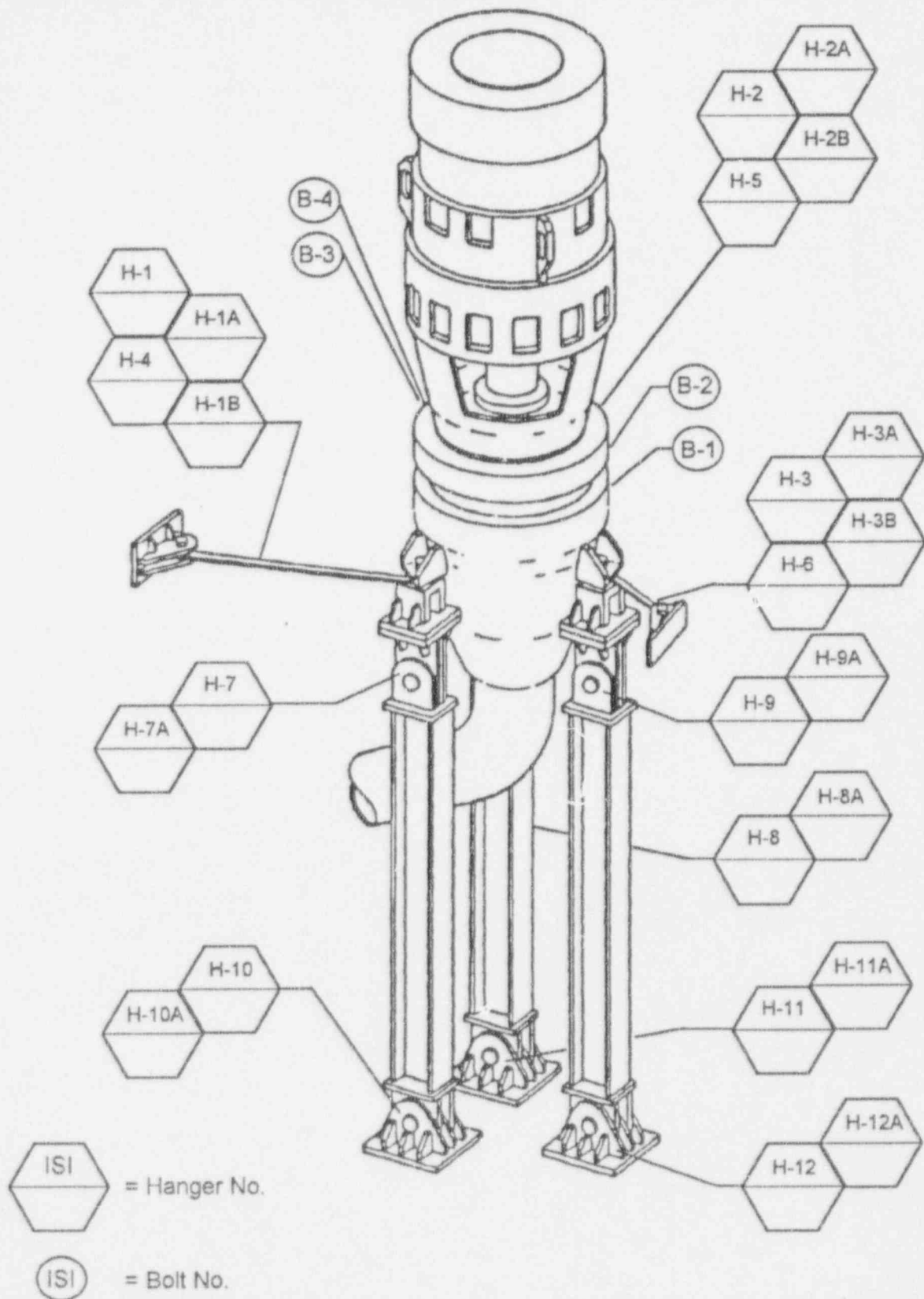
Weld 5 Detail

ISI
NAVCO
WEST = WELD No.

Ref. Dwgs: XH-1-628
XH-1-104

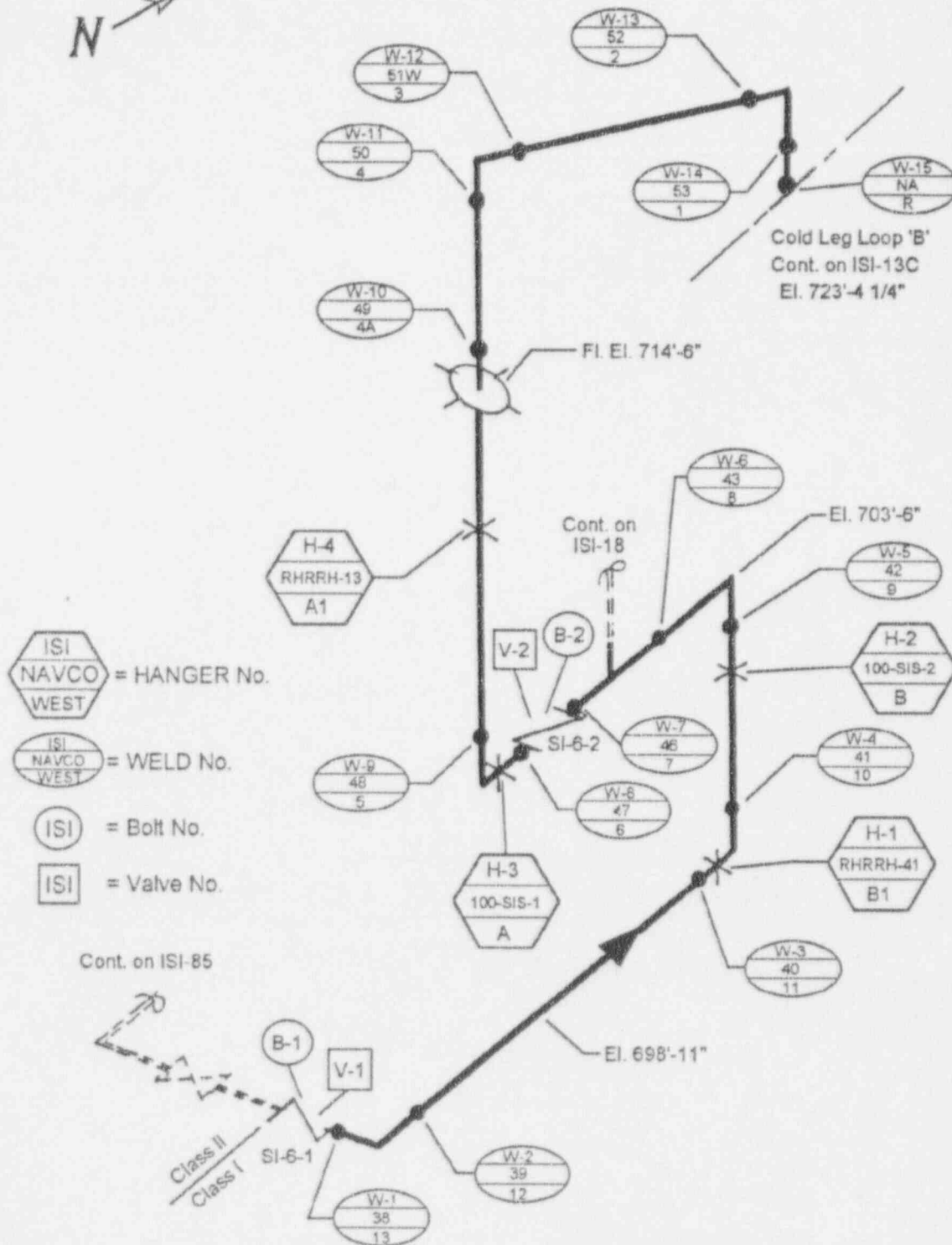
Reactor Coolant Loop 'B'

NSP - PRAIRIE ISLAND UNIT 1			ISI
DWN: <i>Mc</i>	CHKD: <i>mv</i>	APPD: <i>CAK</i>	
SYSTEM: <u>Reactor Coolant</u>			
LINE NO: <u>27 1/2-RC-3B</u>			
DWG NO: <u>ISI-13C</u>			REV: <u>0</u>



Reactor Coolant Pump 11

NSP - PRAIRIE ISLAND UNIT 1			ISI
DWN: AJ	CHKD: Inv	APPD: <i>[Signature]</i>	
SYSTEM: <u>Reactor Coolant</u>			
LINE NO: <u>Pump Supports</u>			
DWG NO: <u>ISI-14</u>		REV: <u>2</u>	



12" Accumulator Discharge

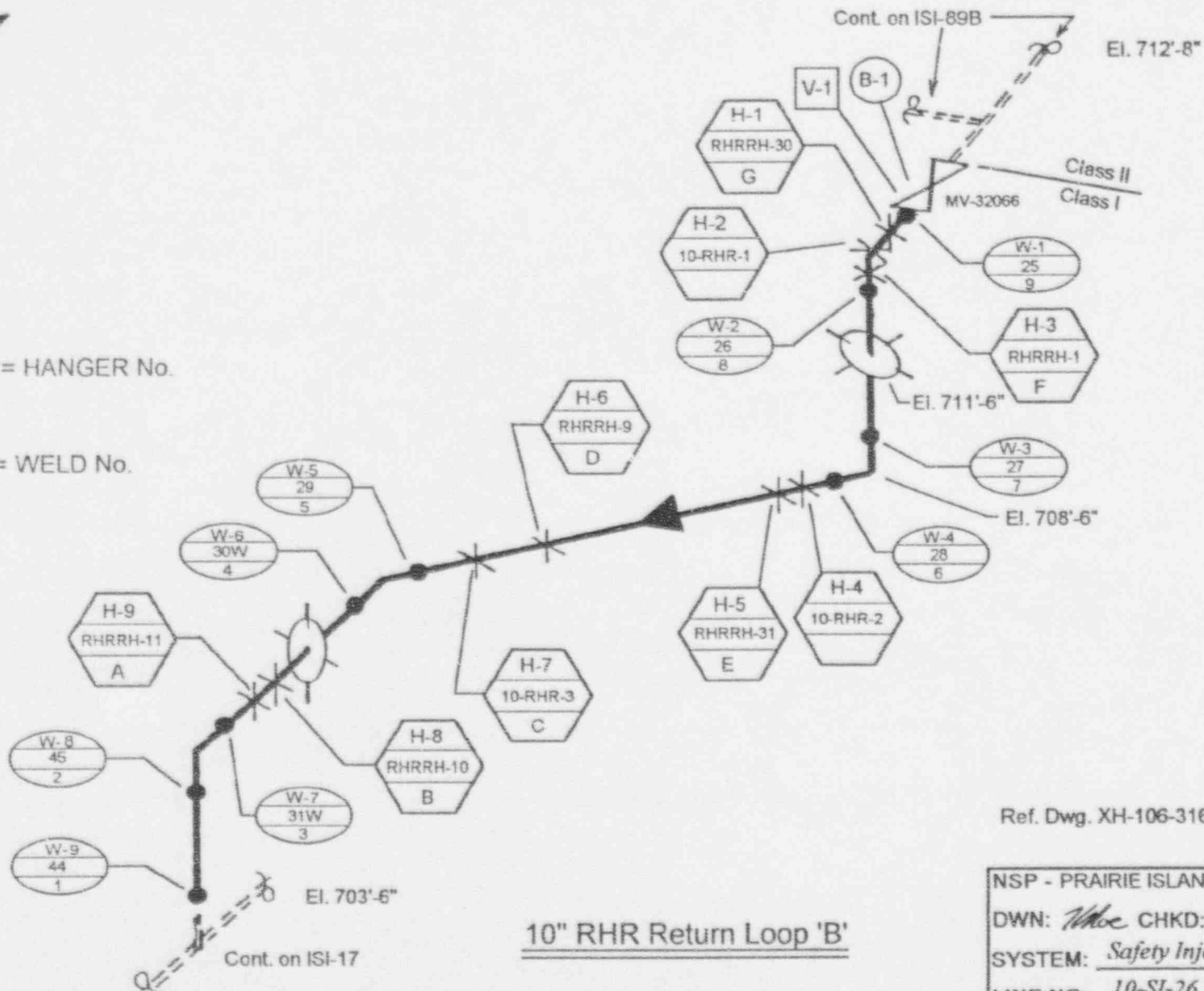
Ref. Dwg. XH-106-316

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>John</i> CHKD: <i>MV</i> APPD: <i>CM</i>	
SYSTEM: <i>Safety Injection/Reactor Coolant</i>	
LINE NO: <i>12-RC-16B, 12-SI-27</i>	
DWG NO: <i>ISI-17</i>	REV: <i>2</i>



ISI
NAVCO
WEST = HANGER No.

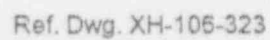
ISI
NAVCO
WEST = WELD No.



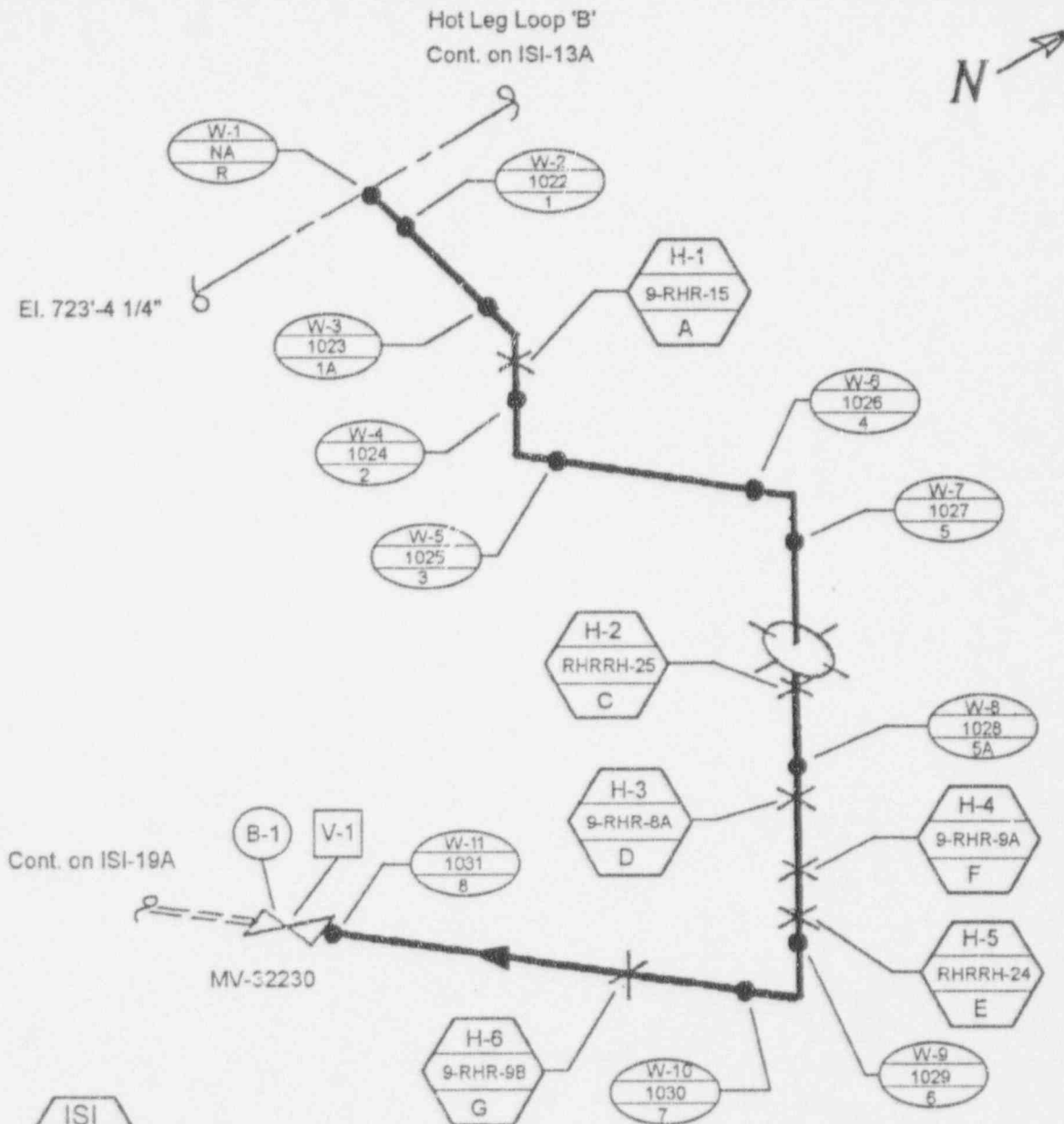
Ref. Dwg. XH-106-316

10" RHR Return Loop 'B'

NPS - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>WBC</i>	CHKD: <i>NAV</i> APPD: <i>CAK</i>
SYSTEM: <i>Safety Injection</i>	
LINE NO: <i>10-SI-26</i>	
DWG NO: <i>ISI-18</i>	REV: <i>2</i>



NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN:	Whe	CHKD: MY APPD: <i>Ch</i>
SYSTEM:	<u>Residual Heat Removal</u>	
LINE NO:	<u>8-RH-18</u>	
DWG NO:	<u>ISI-19A</u>	REV: <u>2</u>



ISI
NAVCO
WEST = HANGER No.

ISI
NAVCO
WEST = WELD No.

ISI = Bolt No.

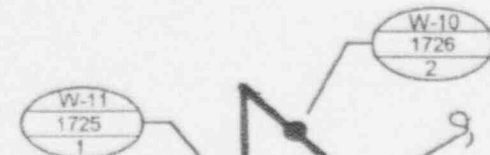
ISI = Valve No.

Ref. Dwg. X-H-106-323

8" RHR Takeoff Loop 'B'

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>MV</i> APPD: <i>CH</i>	
SYSTEM: <i>Residual Heat Removal</i>	
LINE NO: <i>8-RC-15B</i>	
DWG NO: <i>ISI-19B</i>	REV: <i>2</i>

Cont. on ISI-23



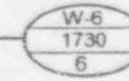
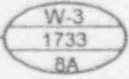
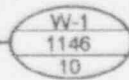
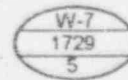
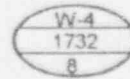
Crossover Loop 'B'
Cont. on ISI-13B
El. 713'-0 1/2"

ISI
NAVCO
WEST = HANGER No.

ISI
NAVCO
WEST = WELD No.

ISI = Bolt No.

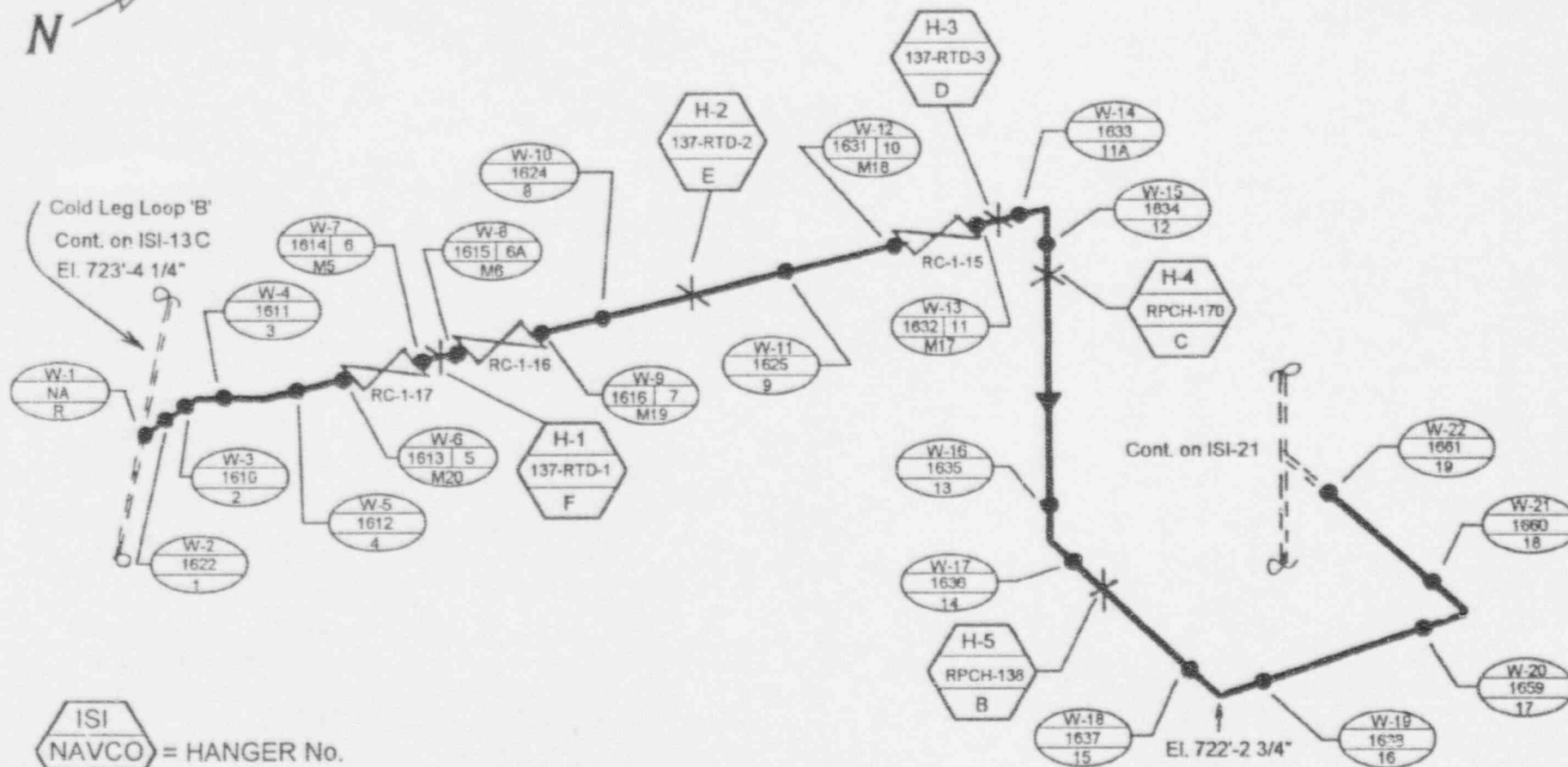
3" RTD Return Loop 'B'



Cont. on ISI-22

Ref. Dwg. XH-106-338

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>mv</i> APPD: <i>OK</i>	
SYSTEM: <i>Reactor Coolant</i>	
LINE NO: <i>3-RC-6B</i>	
DWG NO: <i>ISI-21</i>	REV: <i>2</i>



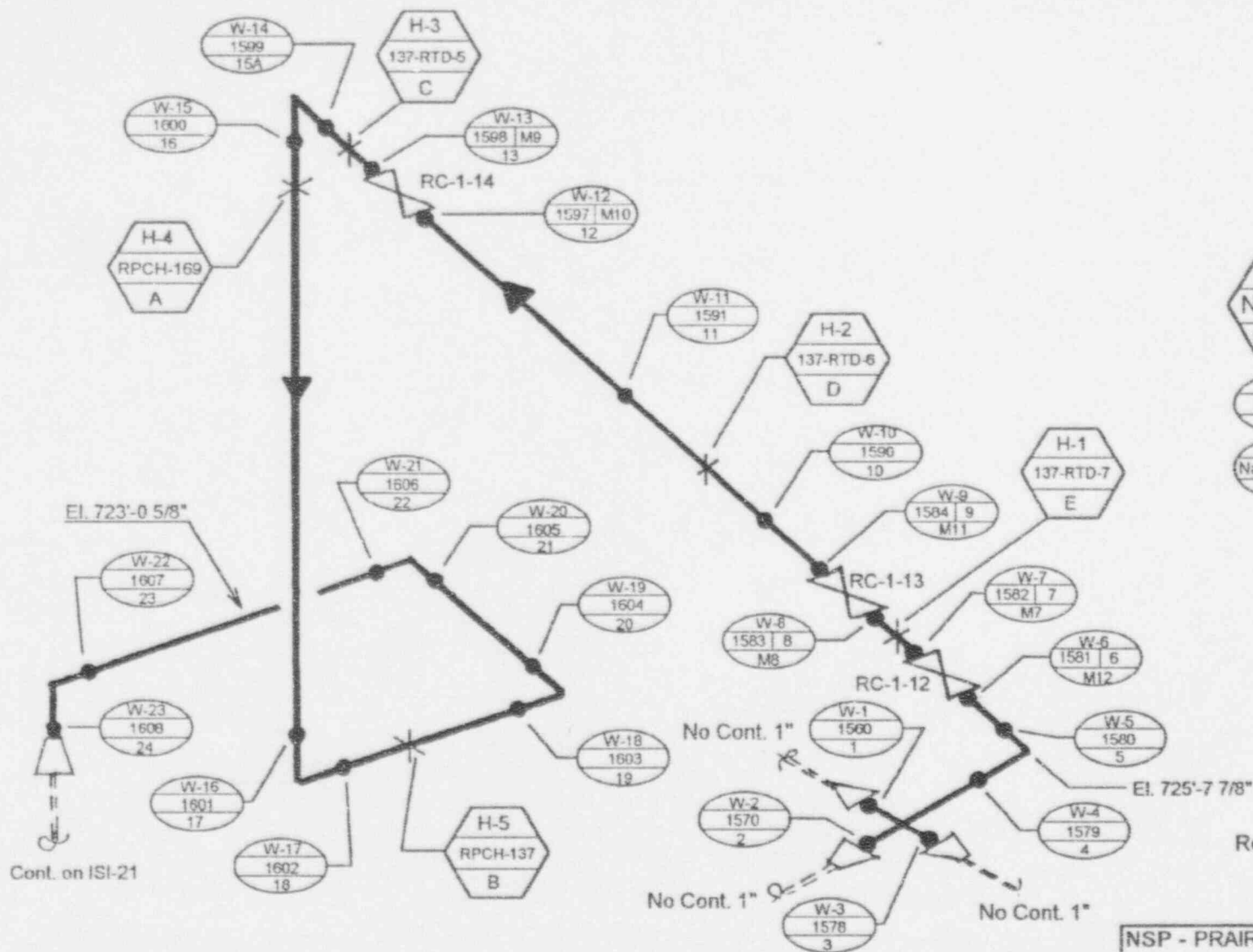
ISI
NAVCO = HANGER No.
WEST

ISI
NAVCO
WEST
= WELD Nos.
ISI
Navco West
Cheme

2" RTD Takeoff Cold Leg Loop 'B'

Ref. Dwgs: XH-106-3495
XH-106-3496

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>Mc</i>	CHKD: <i>MV</i>	APPD: <i>CHK</i>
SYSTEM: <i>Reactor Coolant</i>		
LINE NO: <i>2-RC-8B</i>		
DWG NO: <i>ISI-22</i>	REV: <i>2</i>	

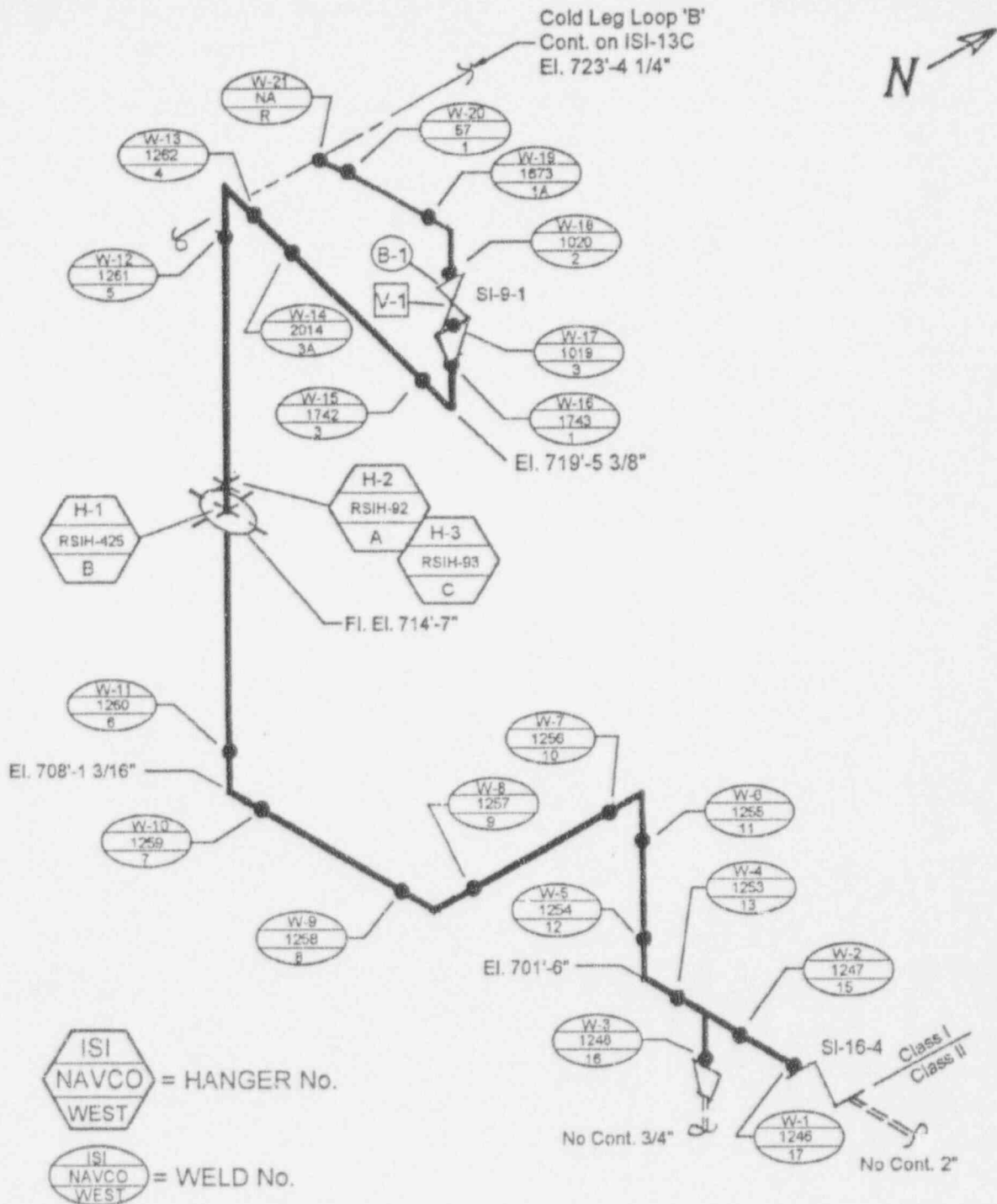


ISI
NAVCO
WEST = HANGER No.
 ISI
NAVCO
WEST = WELD Nos.
 ISI
Navco West
Cherne

Ref. Dwgs: XH-106-3450
 XH-106-3451
 XH-106-3452

2" RTD Takeoff Hot Leg Loop 'B'

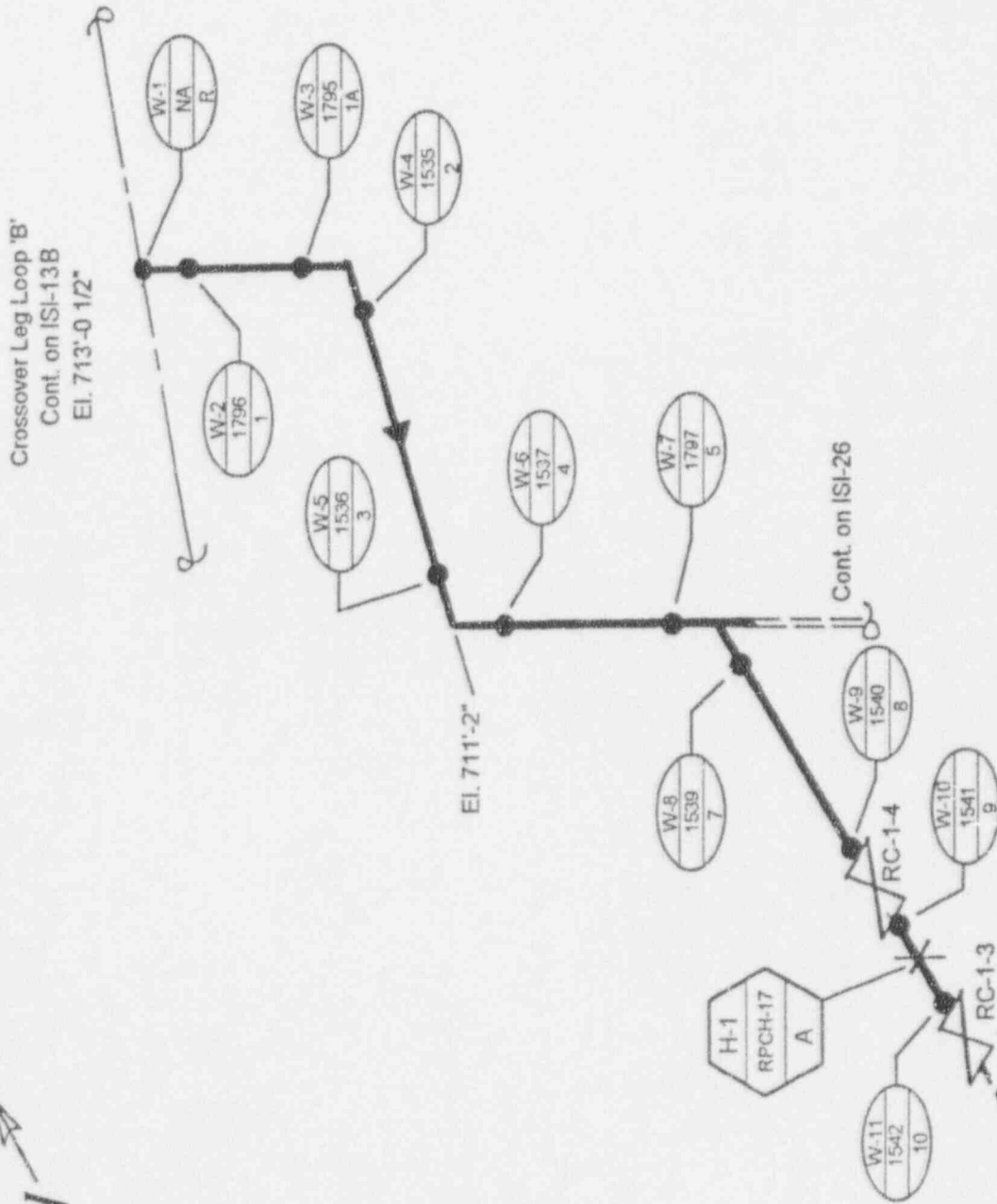
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>the</i> CHKD: <i>MV</i> APPD: <i>CAK</i>	
SYSTEM: <i>Reactor Coolant</i>	
LINE NO: <i>2-RC-7B</i>	
DWG NO: <i>ISI-23</i>	REV: <i>2</i>

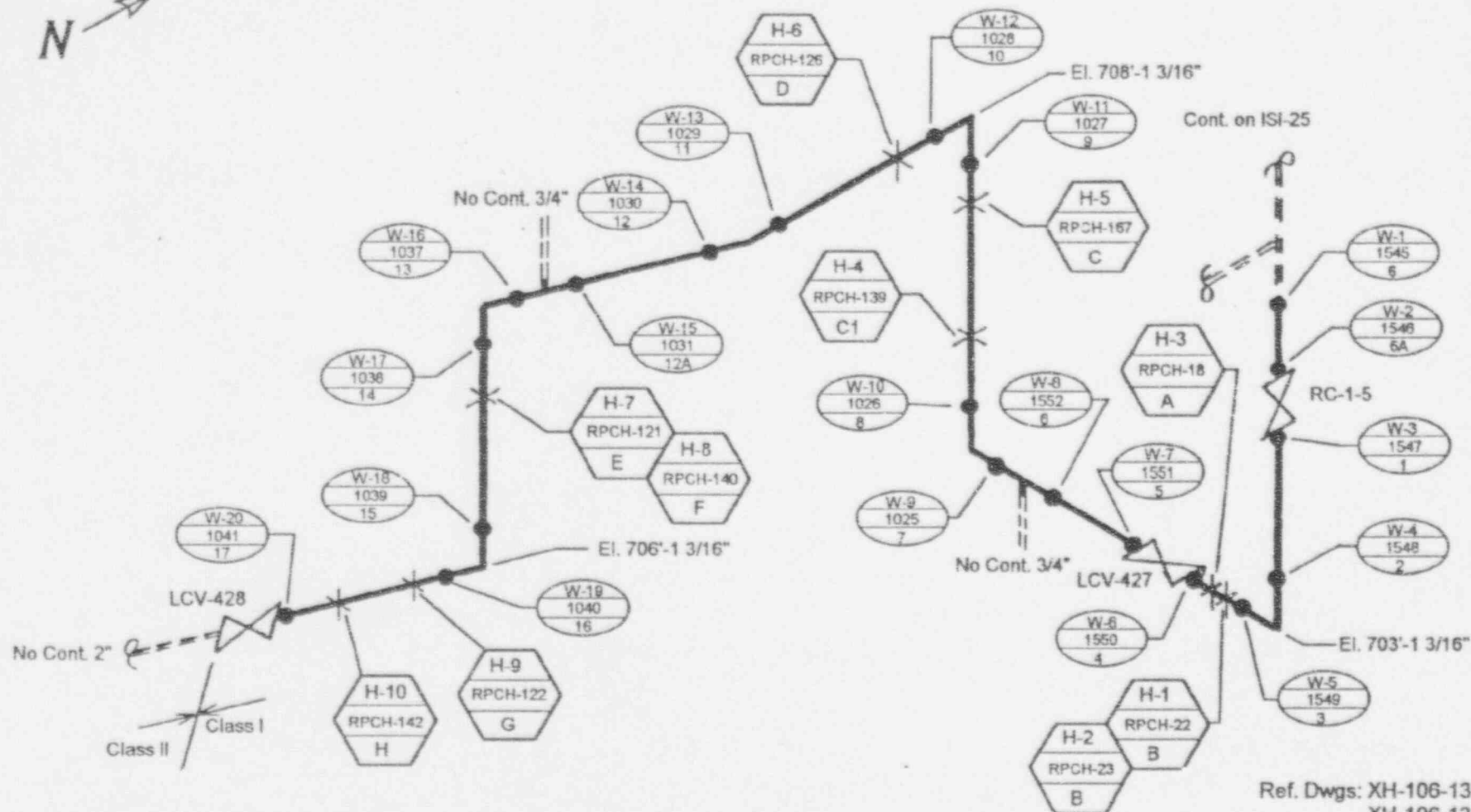
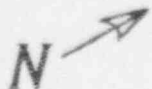


Ref. Dwgs: XH-106-316
XH-106-1156
XH-106-3978

6" & 2" SIS High Head Loop 'B'

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Nabe</i> CHKD: <i>MV</i> APPD: <i>CAK</i>	
SYSTEM: <i>Safety Injection</i>	
LINE NO: <i>6-RC-13D, 2-SI-35B</i>	
DWG NO: <i>ISI-24</i>	REV: <i>2</i>





ISI
NAVCO
WEST = HANGER No.

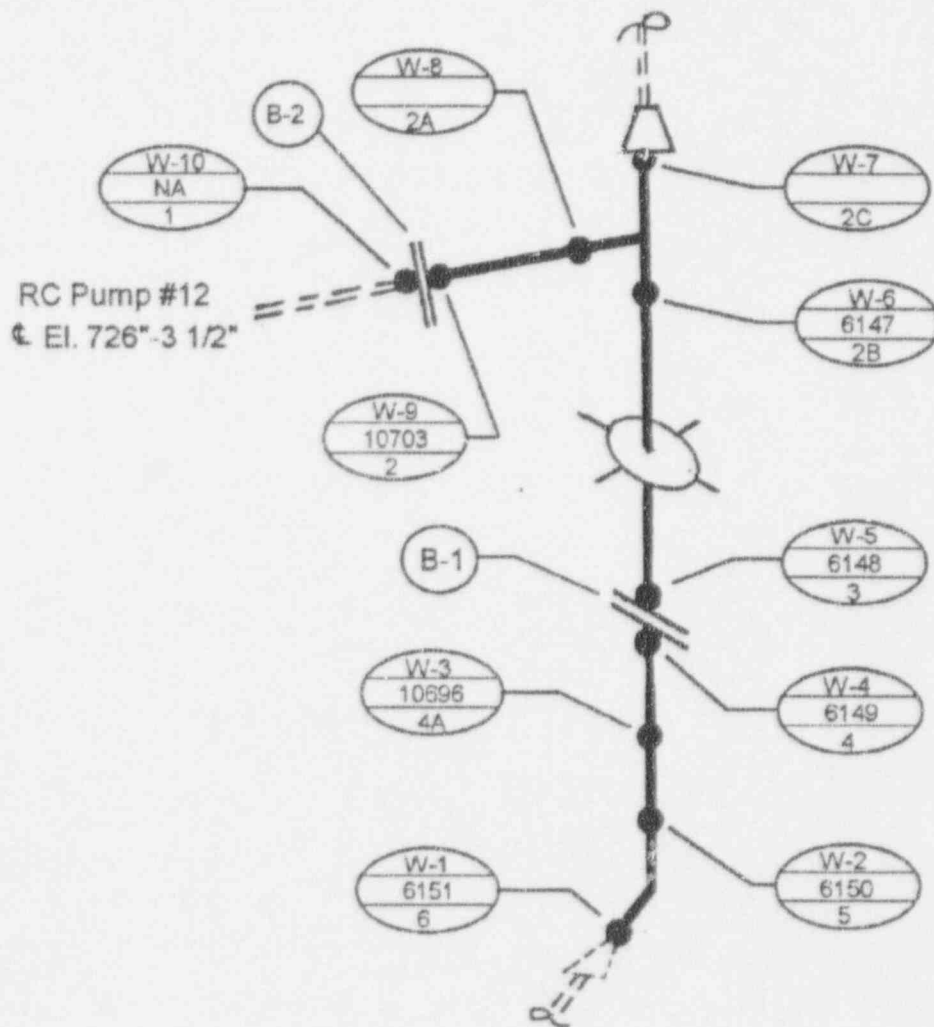
ISI
NAVCO
WEST = WELD No.

2" CVCS Letdown Loop 'B'

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Mc</i> CHKD: <i>MV</i> APPD: <i>CH</i>	
SYSTEM: <i>Reactor Coolant</i>	
LINE NO: <i>2-RC-12</i>	
DWG NO: <i>ISI-26</i>	REV: <i>2</i>



No Cont. 3/4"



ISI
NAVCO
WEST = WELD No.

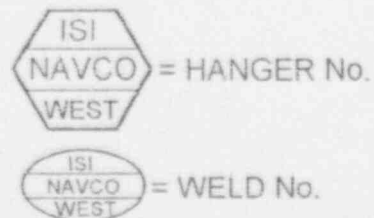
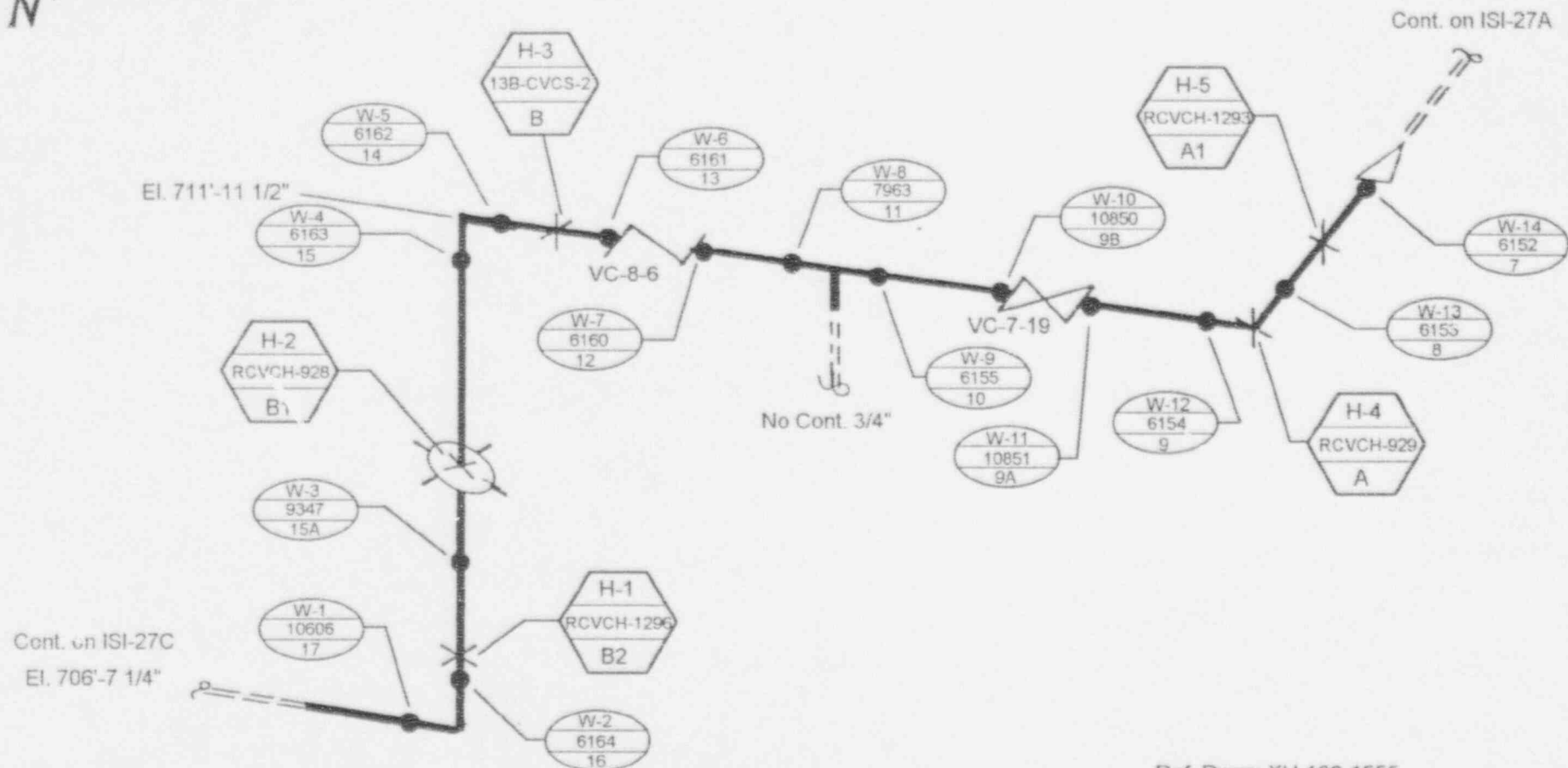
ISI = Bolt No.

Cont. on ISI-27B

Ref Dwg. XH-106-1563

Seal Injection Loop 'B'

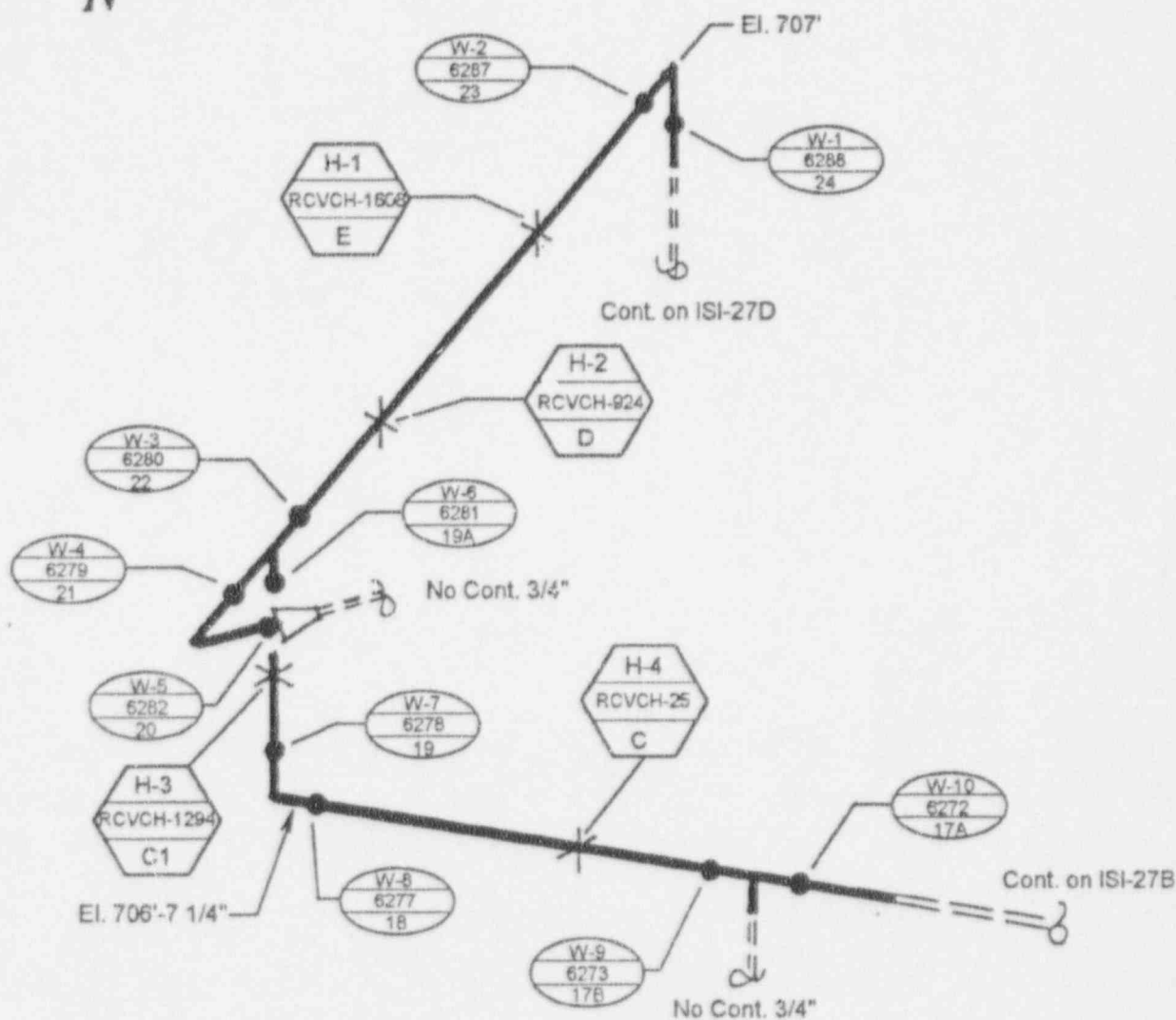
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Mc</i>	CHKD: <i>mv</i> APPD: <i>CAK</i>
SYSTEM: <i>Chemical and Volume Control</i>	
LINE NO: <i>1 1/2-VC-21B</i>	
DWG NO: <i>ISI-27A</i>	REV: <i>3</i>



Seal Injection Loop 'B'

Ref. Dwgs: XH-106-1555
XH-106-1563

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Mac</i>	CHKD: <i>mv</i> APPD: <i>CMK</i>
SYSTEM: <i>Chemical and Volume Control</i>	
LINE NO: <i>2-VC-21B</i>	
DWG NO: <i>ISI-27B</i>	REV: <i>3</i>



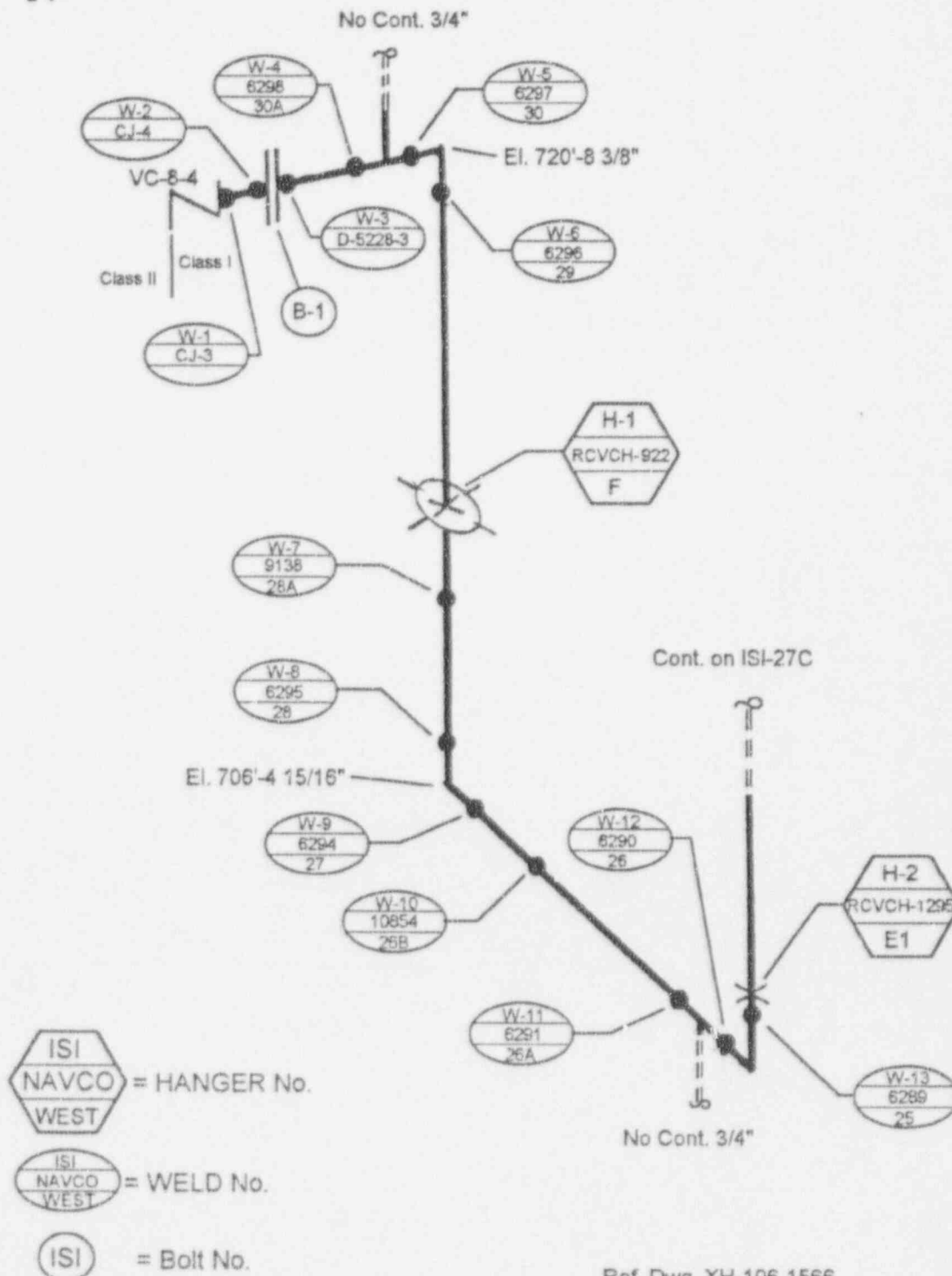
ISI
NAVCO
WEST = HANGER No.

ISI
NAVCO
WEST = WELD No.

Ref. Dwg. XH-106-1565

Seal Injection Loop 'B'

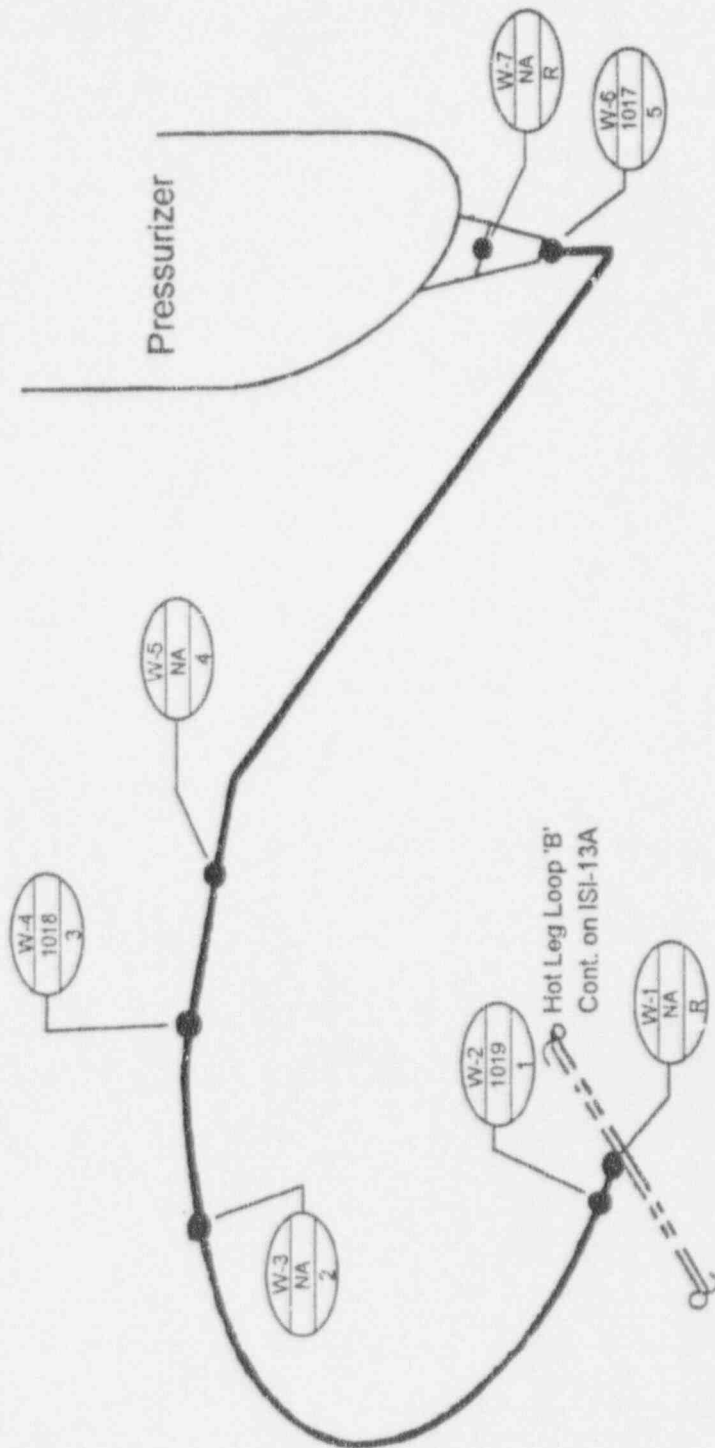
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>mv</i> APPD: <i>CHK</i>	
SYSTEM: <i>Chemical and Volume Control</i>	
LINE NO: <i>2-VC-21B</i>	
DWG NO: <i>ISI-27C</i>	REV: <i>3</i>



Ref. Dwg. XH-106-1566

Seal Injection Loop 'B'

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: A.J.	CHKD: m APPD: <i>Ch</i>
SYSTEM: Chemical and Volume Control	
LINE NO: 2-VC-21B	
DWG NO: ISI-27D	REV: 2



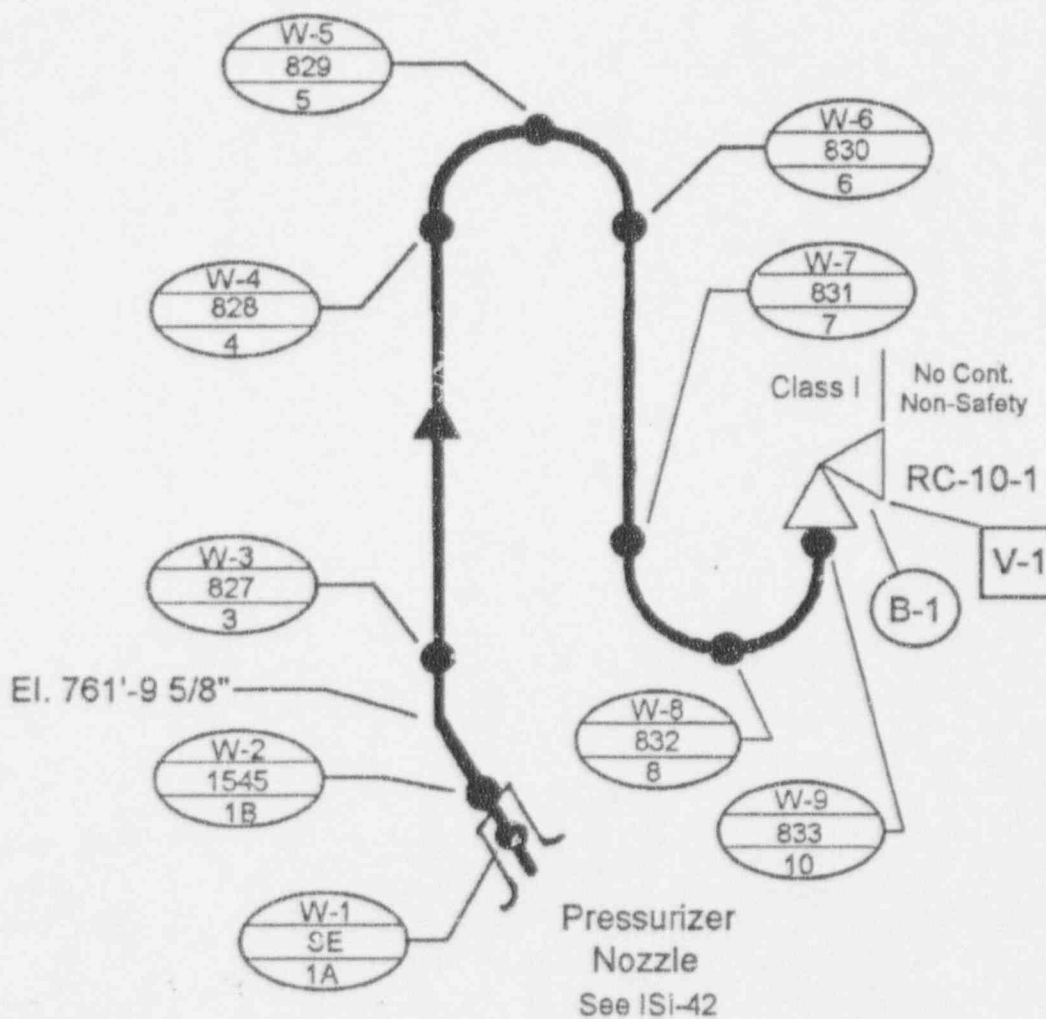
Ref. Dwgs: XH-1-629
XH-106-11156

ISI
NAVCO
WEST
= WELD No.

10" Pressurizer Surge

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Mc</i> CHKD: <i>mv</i> APPD: <i>CK</i>	
SYSTEM: <i>Reactor Coolant</i>	
LINE NO: <i>10-RC-4</i>	
DWG NO: <i>ISI-28</i>	REV: <i>3</i>

N ↗



ISI
NAVCO
WEST = WELD No.

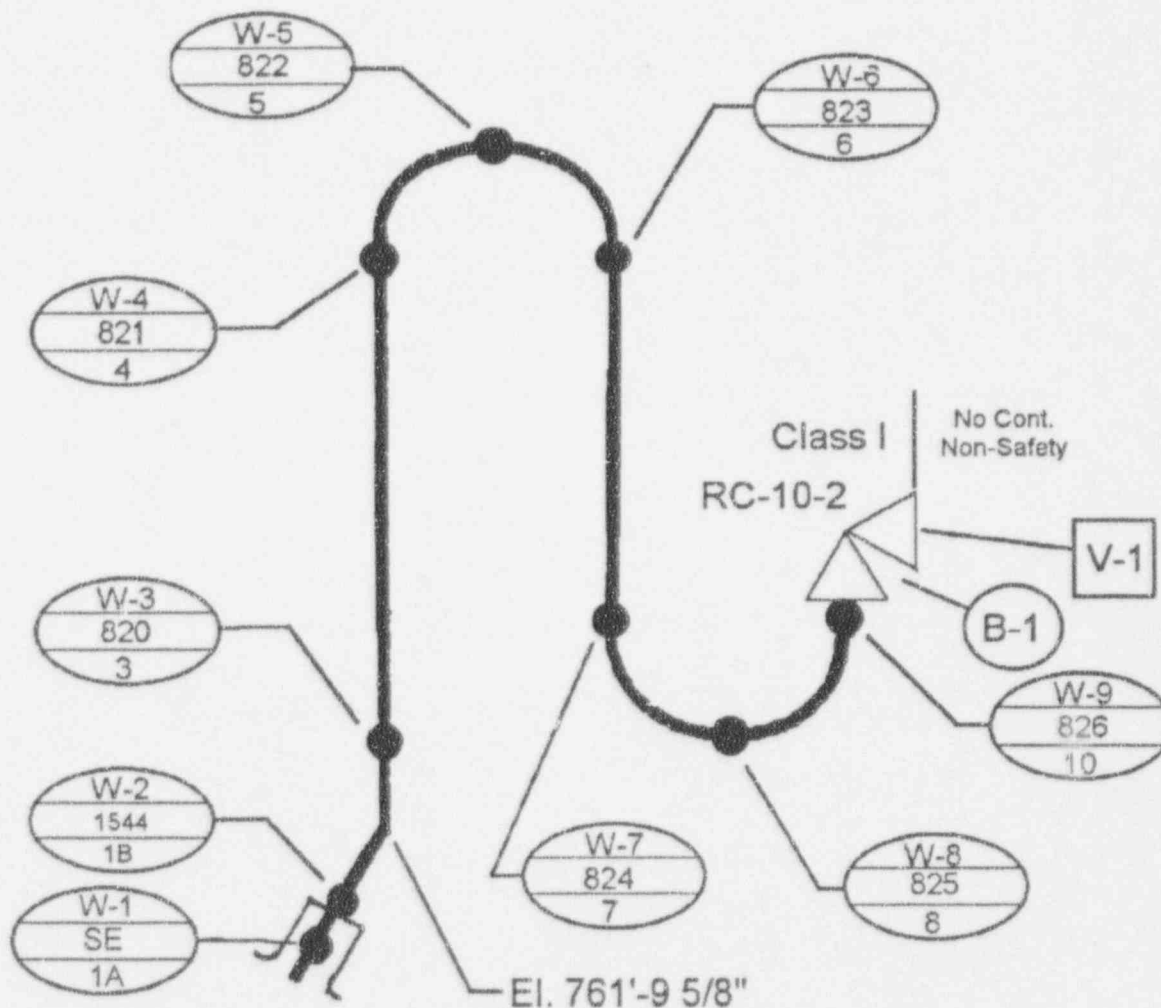
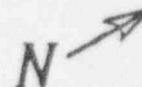
ISI = Bolt No.

ISI = Valve No.

Ref. Dwg. XH-106-335

6" Pressurizer Safety Line Loop 'A'

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>Mc</i>	CHKD: <i>MV</i>	APPD: <i>CH</i>
SYSTEM: <u>Reactor Coolant</u>		
LINE NO: <u>6-RC-20A</u>		
DWG NO: <u>ISI-29A</u> REV: <u>0</u>		



Pressurizer
Nozzle
See ISI-42

ISI
NAVCO
WEST = WELD No.

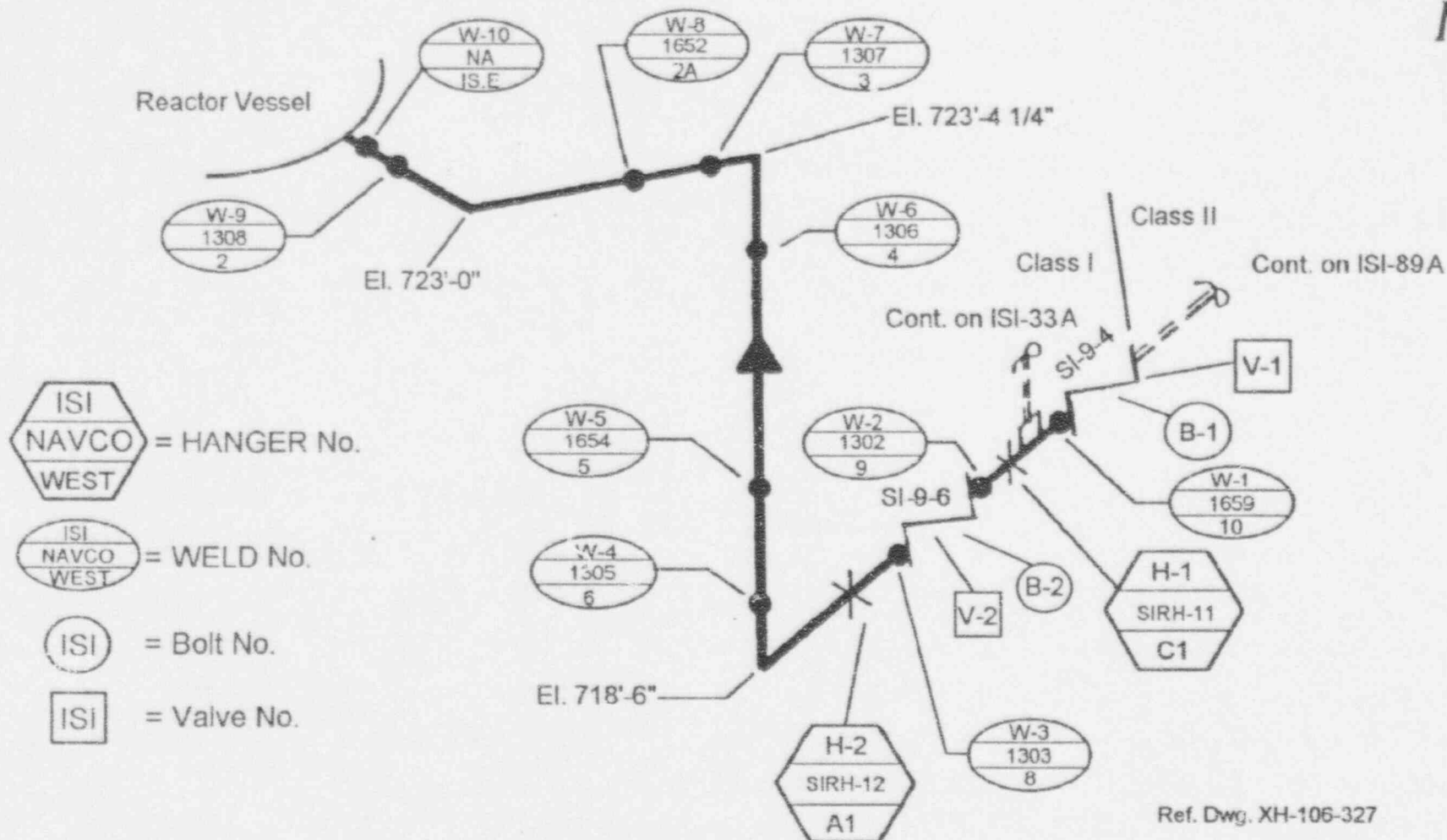
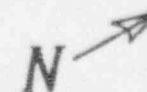
ISI = Bolt No.

ISI = Valve No.

Ref. Dwg. XH-106-335

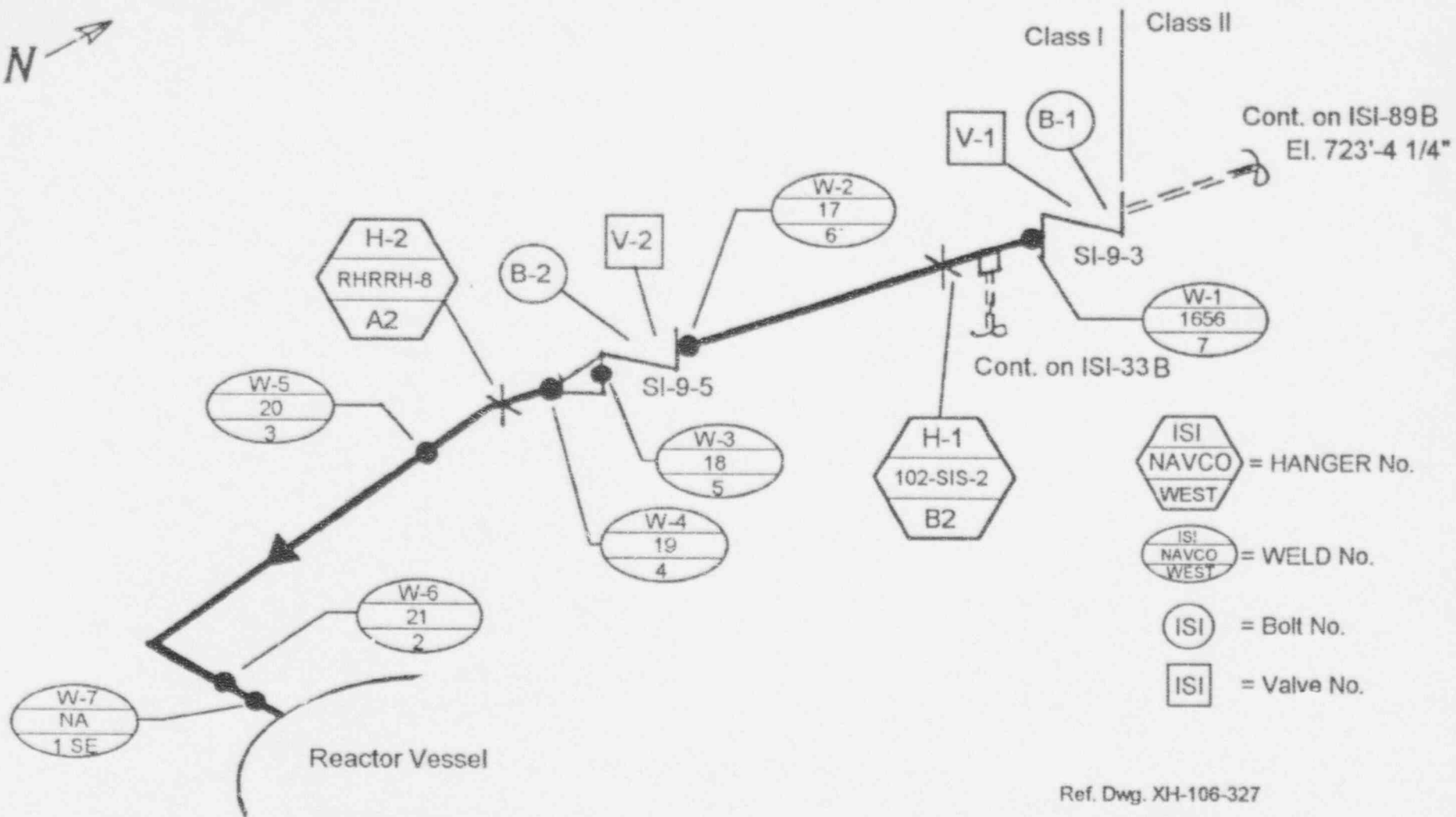
6" Pressurizer Safety Line Loop 'B'

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Mac</i> CHKD: <i>ThV</i> APPD: <i>CHK</i>	
SYSTEM: <i>Reactor Coolant</i>	
LINE NO: <i>6-RC-20B</i>	
DWG NO: <i>ISI-29B</i>	REV: <i>0</i>



6" & 4" Reactor Vessel
Safety Injection and Reactor Coolant Loop 'A'

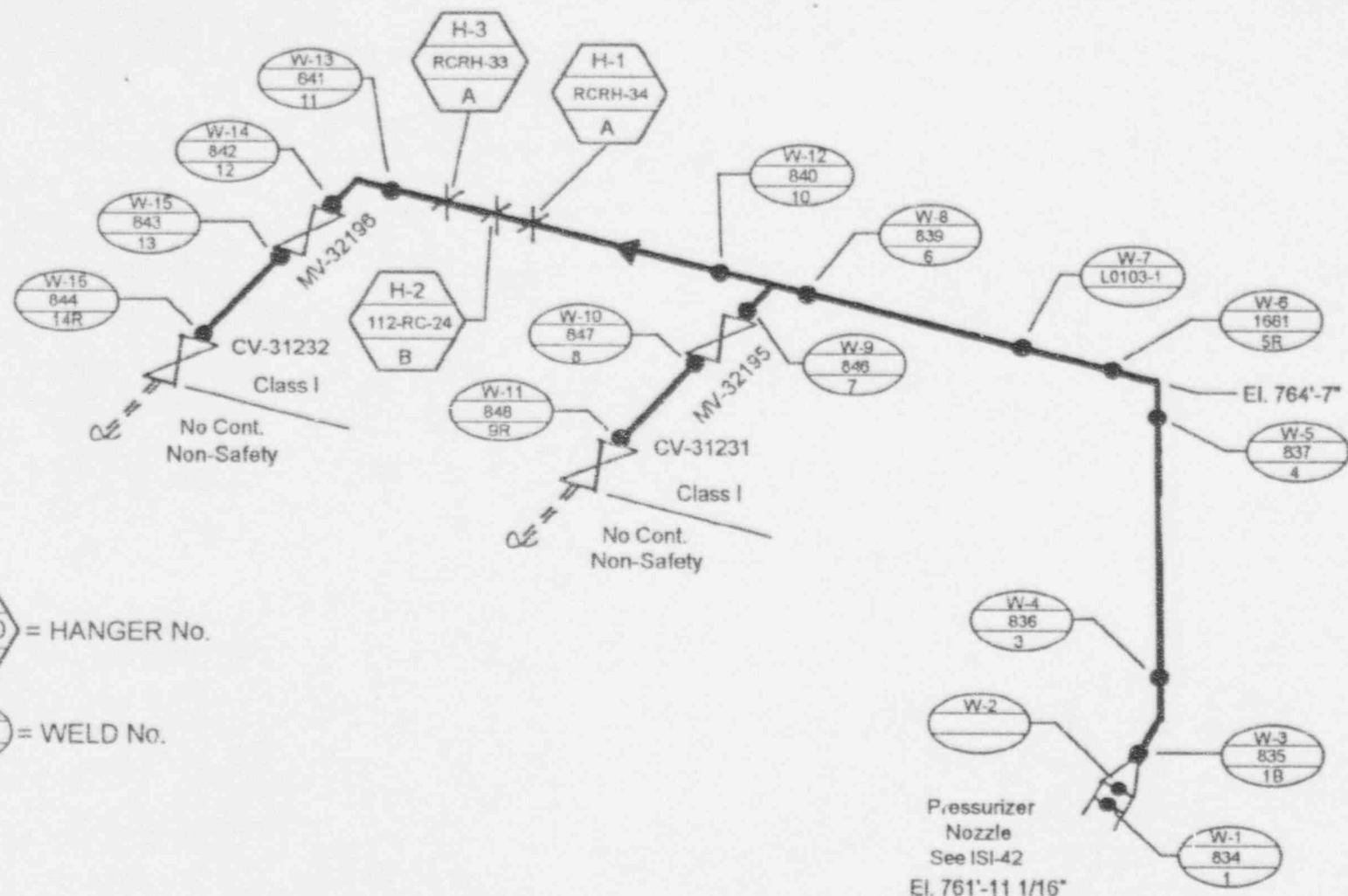
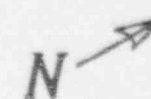
NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>Whe</i>	CHKD: <i>mv</i>	APPD: <i>CM</i>
SYSTEM: <i>Safety Injection, Reactor Coolant</i>		
LINE NO: <i>4-RC-14A, 6-RC-14A, 6-SI-25A</i>		
DWG NO: <i>ISI-30A</i>	REV: <i>0</i>	



3" & 4" Reactor Vessel
Safety Injection and Reactor Coolant Loop 'B'

Ref. Dwg. XH-106-327

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>MV</i> APPD: <i>CM</i>	
SYSTEM: <i>Safety Injection, Reactor Coolant</i>	
LINE NO: <i>4-RC-14B, 6-RC-14B, 6-SI-25B</i>	
DWG NO: <i>ISI-30B</i>	REV: <i>0</i>

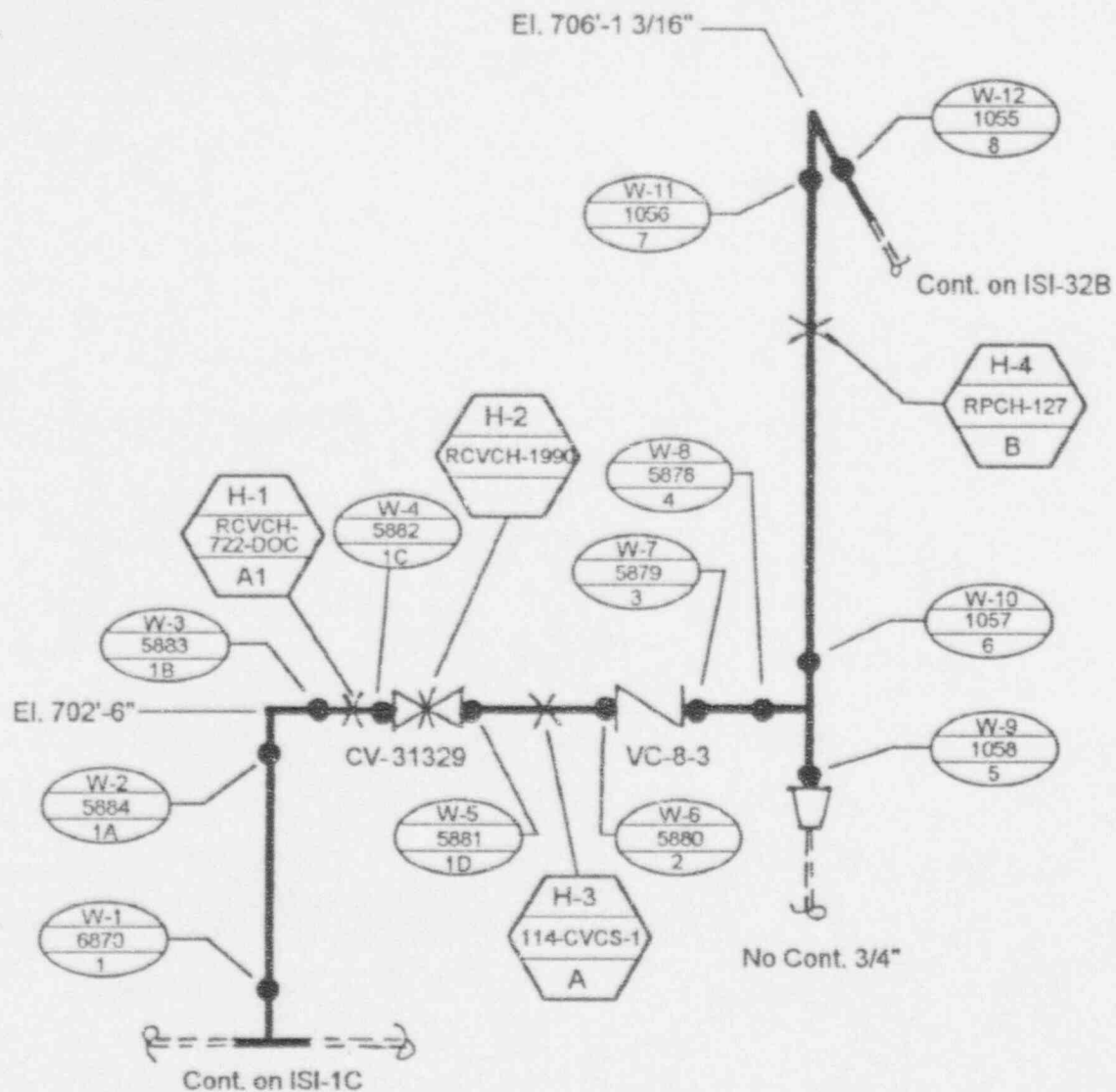


ISI
 NAVCO = HANGER No.
 WEST
 ISI
 NAVCO = WELD No.
 WEST

3" Pressurizer Relief Lines

Ref. Dwgs: XH-106-355
 XH-106-355-1

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>zab</i>	CHKD: <i>MV</i>	APPD: <i>CHL</i>
SYSTEM: <u>Reactor Coolant</u>		
LINE NO: <u>3-RC-21</u>		
DWG NO: <u>ISI-31</u>	REV: <u>2</u>	



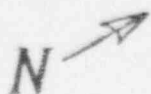
ISI
NAVCO
WEST = HANGER No.

ISI
NAVCO
WEST = WELD No.

Ref. Dwgs: XH-106-801
XH-106-781
NQ-159005

2" Auxiliary Spray

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Alve</i> CHKD: <i>mv</i> APPD: <i>CH</i>	
SYSTEM: <i>Reactor Coolant, Volume Control</i>	
LINE NO: <i>2-RC-19, 2-VC-4</i>	
DWG NO: <i>ISI-32A</i>	REV: <i>0</i>



Cont. on ISI-32A
El. 706'-1 3/16"

No Cont.
Non-Safety 2"
No Cont. 3/4"

El. 705'-2 5/16"

Cont. on ISI-5A

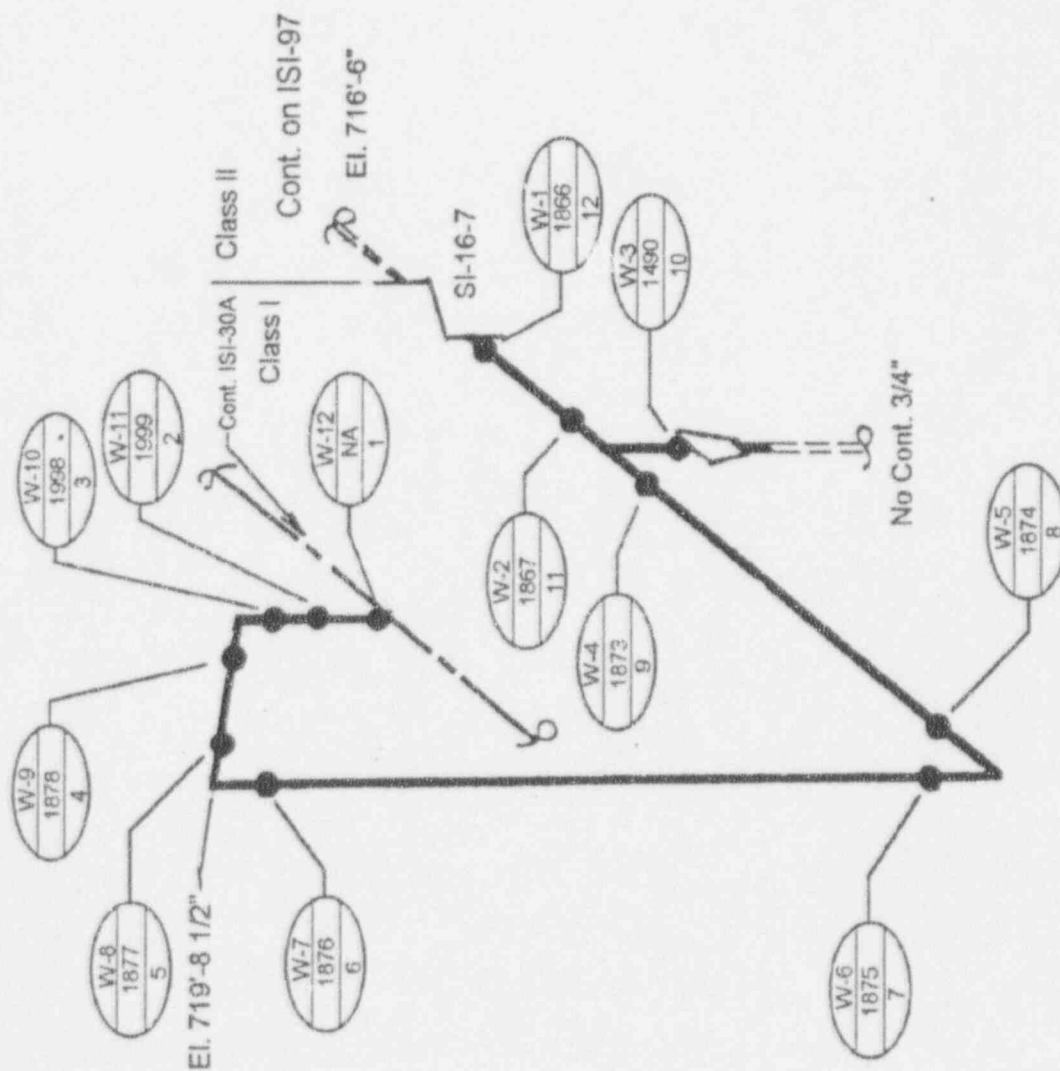
Ref. Dwgs: XH-106-801
XH-106-781
NQ-159005

ISI
NAVCO
WEST = HANGER No.

ISI
NAVCO
WEST = WELD No.

2" Auxiliary Spray

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>Whe</i>	CHKD: <i>WV</i>	APPD: <i>CHK</i>
SYSTEM: <u>Reactor Coolant, Volume Control</u>		
LINE NO: <u>2-RC-19, 2-VC-4</u>		
DWG NO: <u>ISI-32B</u>	REV: <u>0</u>	



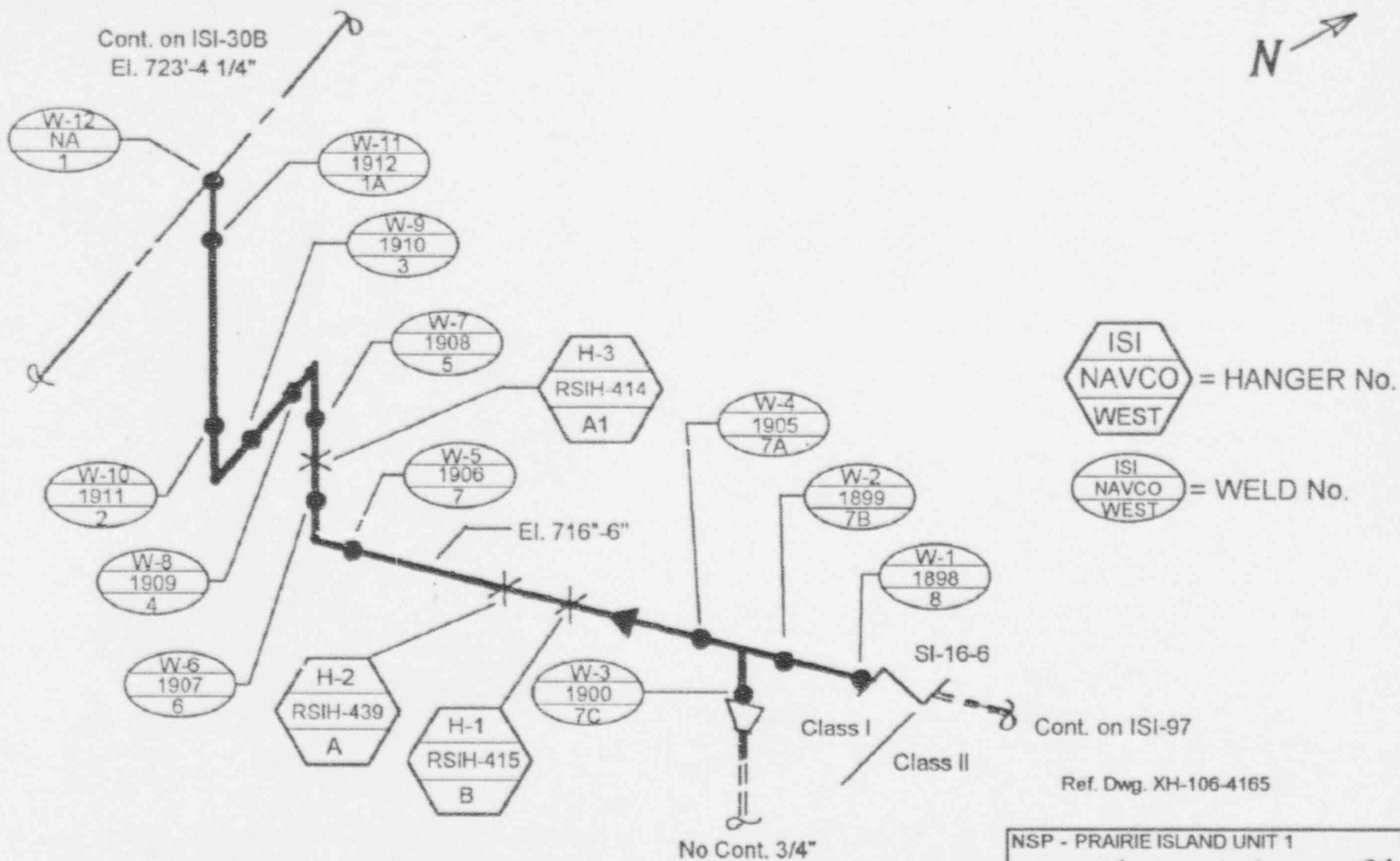
ISI
NAVCO
WEST

= WELD No.

Ref. Dwg. XH-106-511

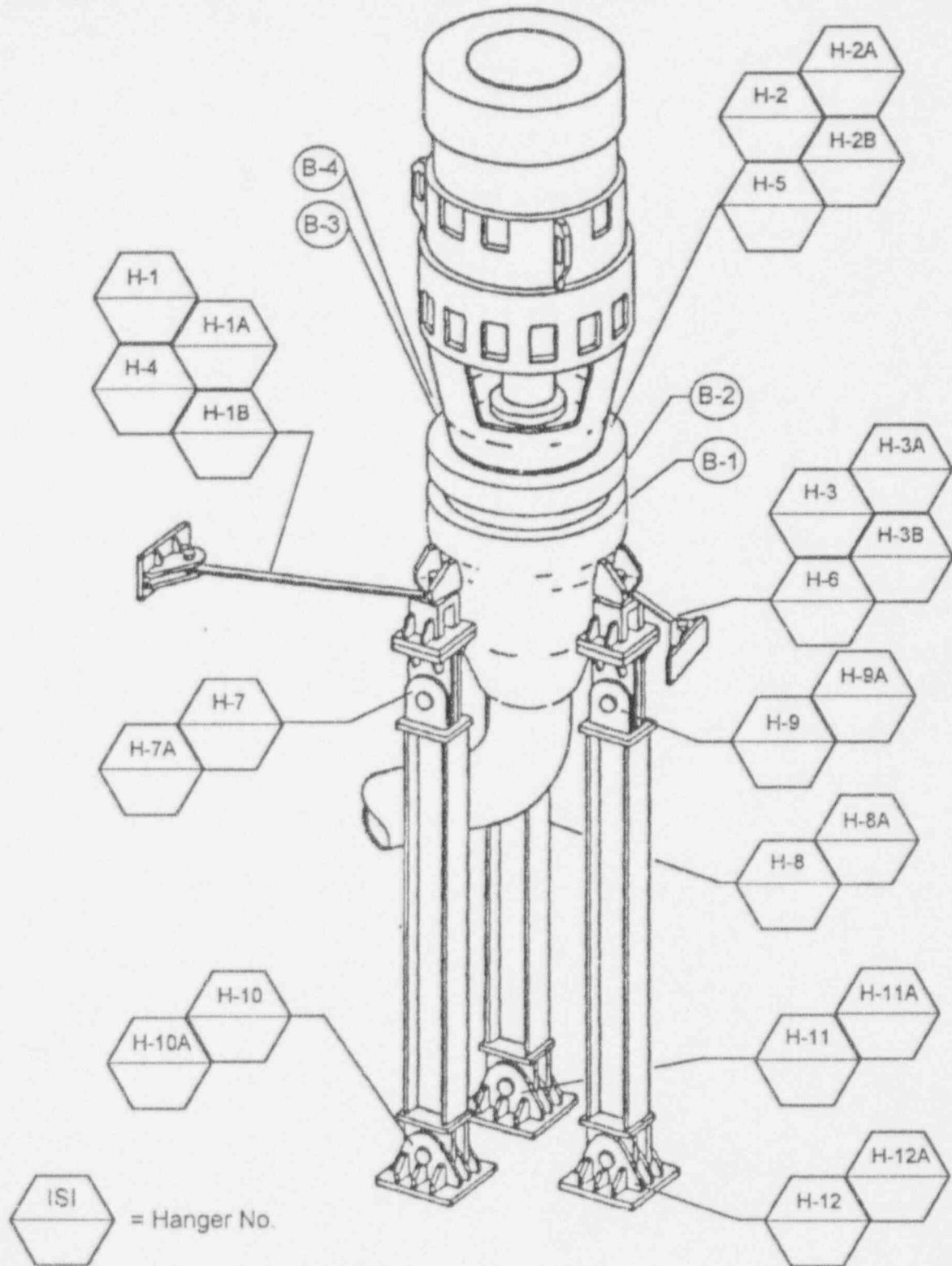
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Mc</i> CHKD: <i>WV</i> APPD: <i>CMK</i>	
SYSTEM: <i>Safety Injection</i>	
LINE NO: <i>2-SI-24A</i>	
DWG NO: <i>ISI-33A</i>	REV: <i>0</i>

2" Low Head RV Injection Loop 'A'



2" Low Head RV Injection Loop 'B'

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Mbe</i>	CHKD: <i>ThV</i> APPD: <i>CM</i>
SYSTEM: <i>Safety Injection</i>	
LINE NO: <i>2-SI-24B</i>	
DWG NO: <i>ISI-33B</i>	REV: <i>0</i>

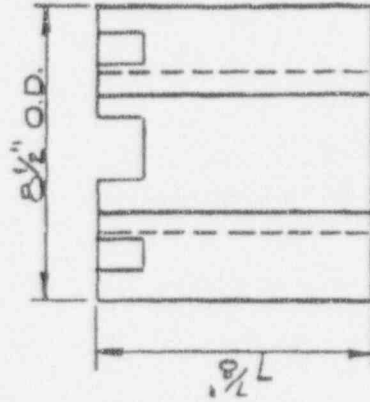
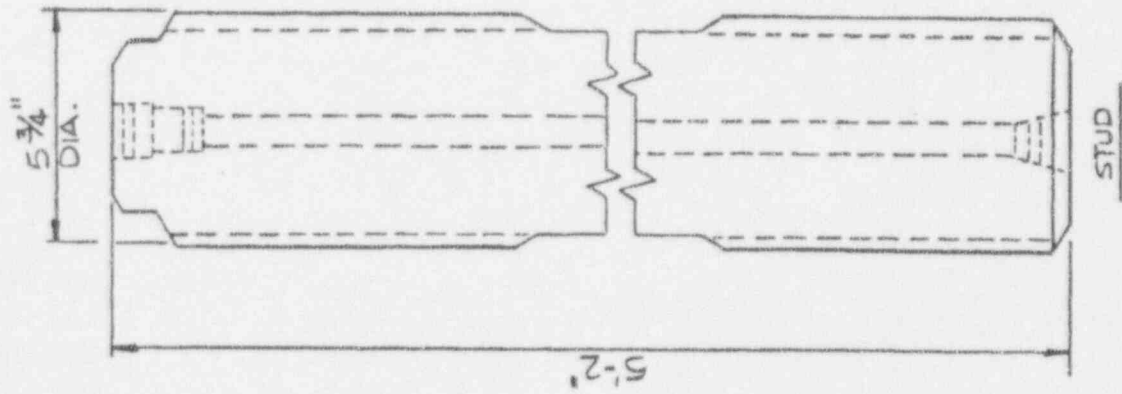


ISI = Hanger No.

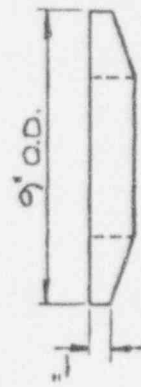
ISI = Bolt No.

Reactor Coolant Pump 12

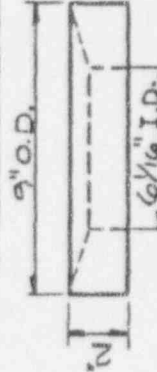
NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: AS	CHKD: mv	APPD: <i>CHL</i>
SYSTEM: <u>Reactor Coolant</u>		
LINE NO: <u>Pump Supports</u>		
DWG NO: <u>ISI-34</u>	REV: <u>2</u>	



NUT



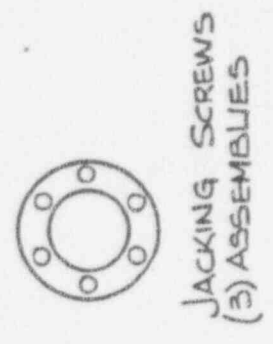
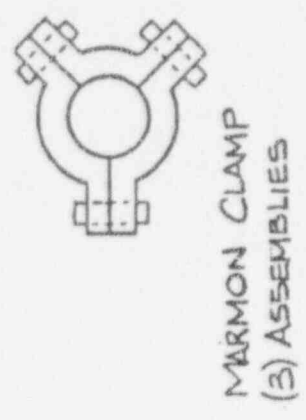
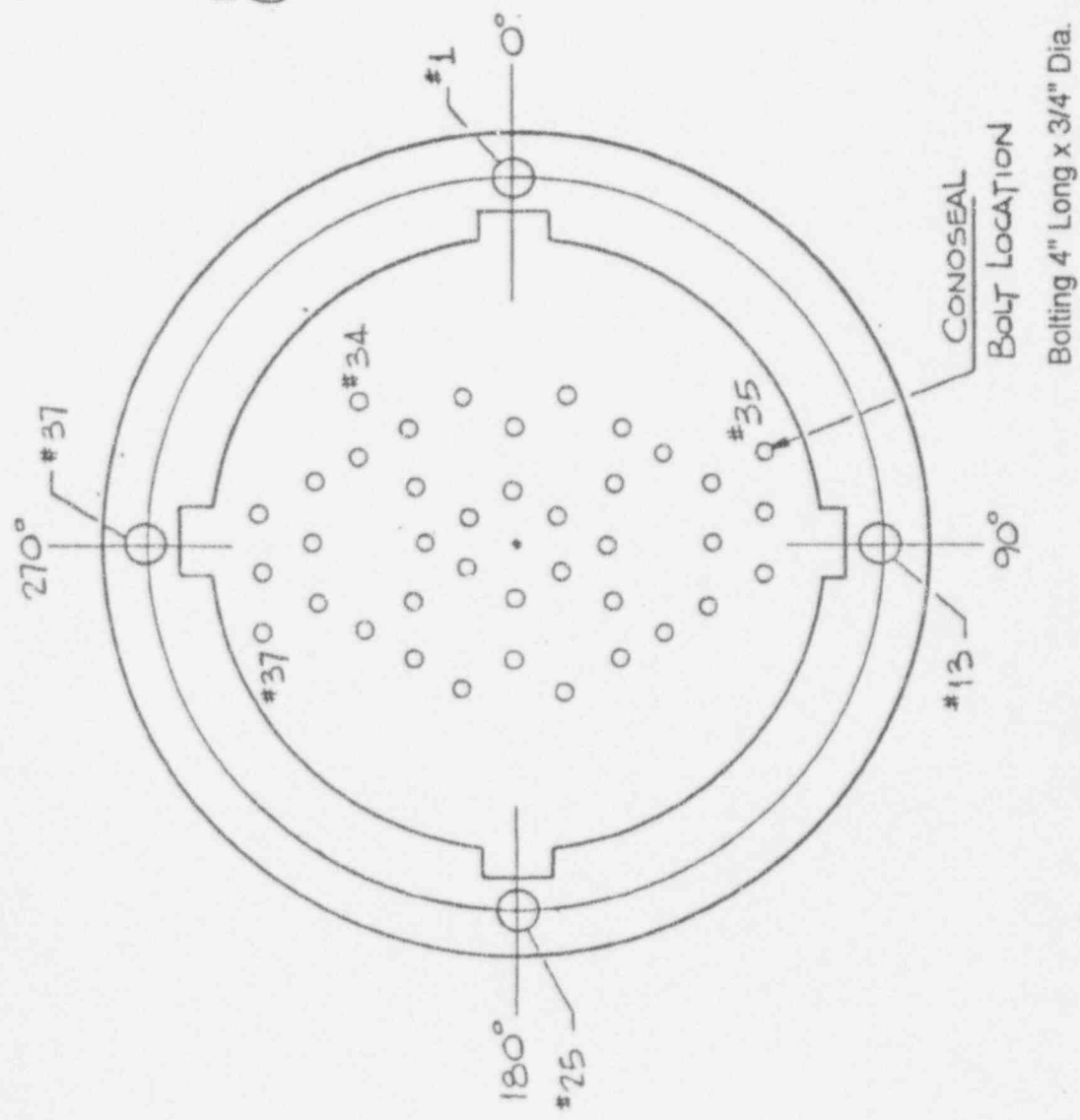
CONVEX WASHER



CONCAVE WASHER

REACTOR VESSEL STUDS, NUTS & WASHERS

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>Th</i>	APPD: <i>CAL</i>
SYSTEM: <i>Reactor Vessel</i>	
LINE NO: <i>N/A</i>	
DWG NO: <i>ISI-37</i>	REV: <i>2</i>

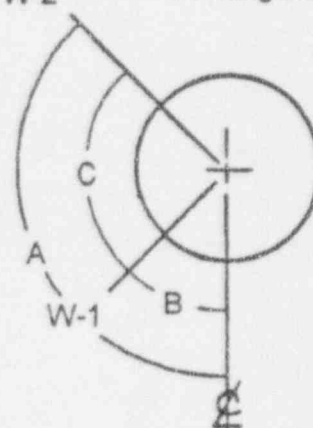


REACTOR VESSEL CONOSEAL BOLTING

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>ZHG-CHKD: m v</i>	APPD: <i>CAK</i>
SYSTEM: <i>Reactor Vessel</i>	
LINE NO: <i>N/A</i>	
DWG NO: <i>ISI-38</i>	REV: <i>2</i>

Name Plate = 0°
 Per 1 = 0° - 120°
 Per 2 = 120° - 240°
 Per 3 = 240° - 360°
 C.C.W.

W-2 Looking Down

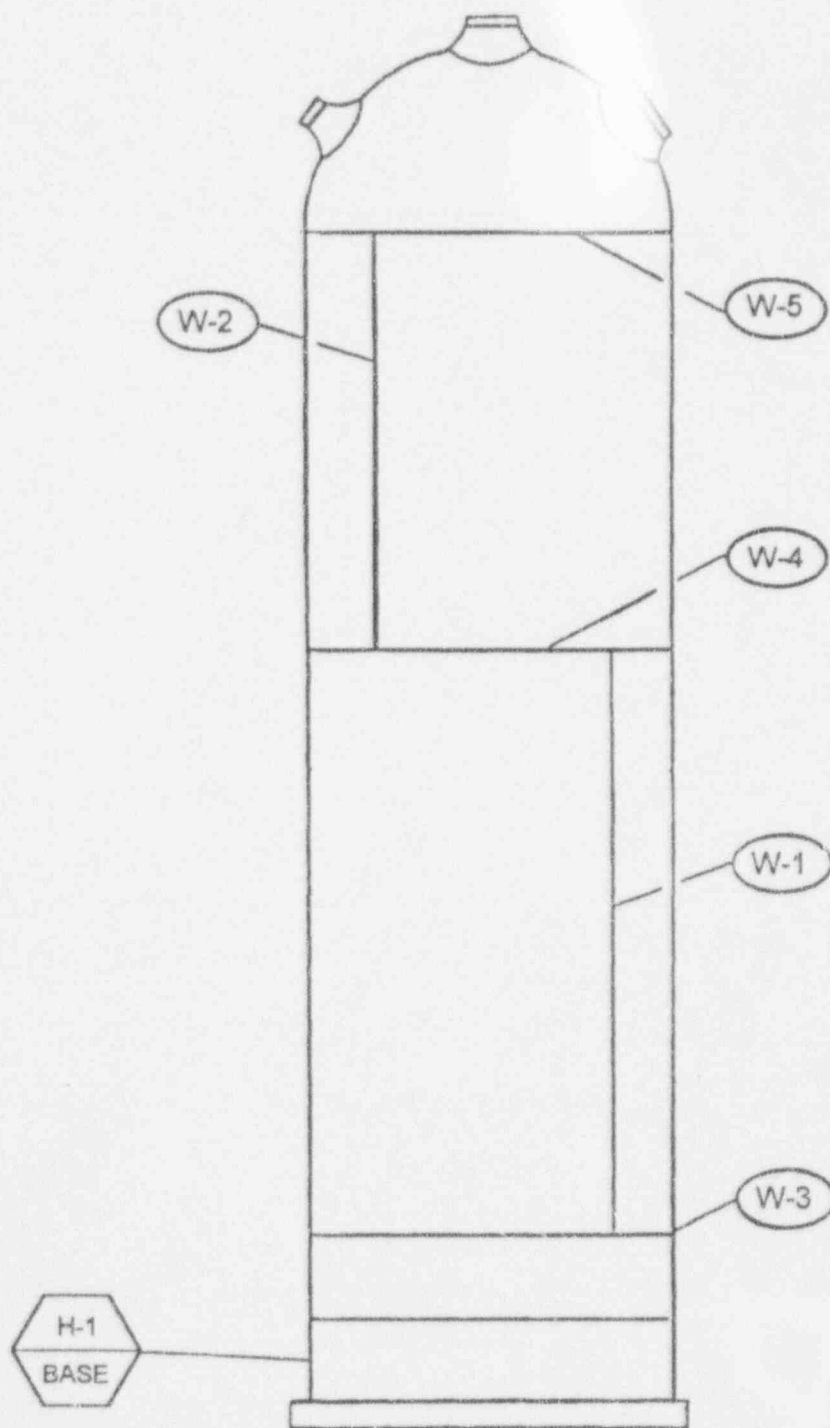


MANWAY

A=108.8"

B=46.75"

C=62.05"



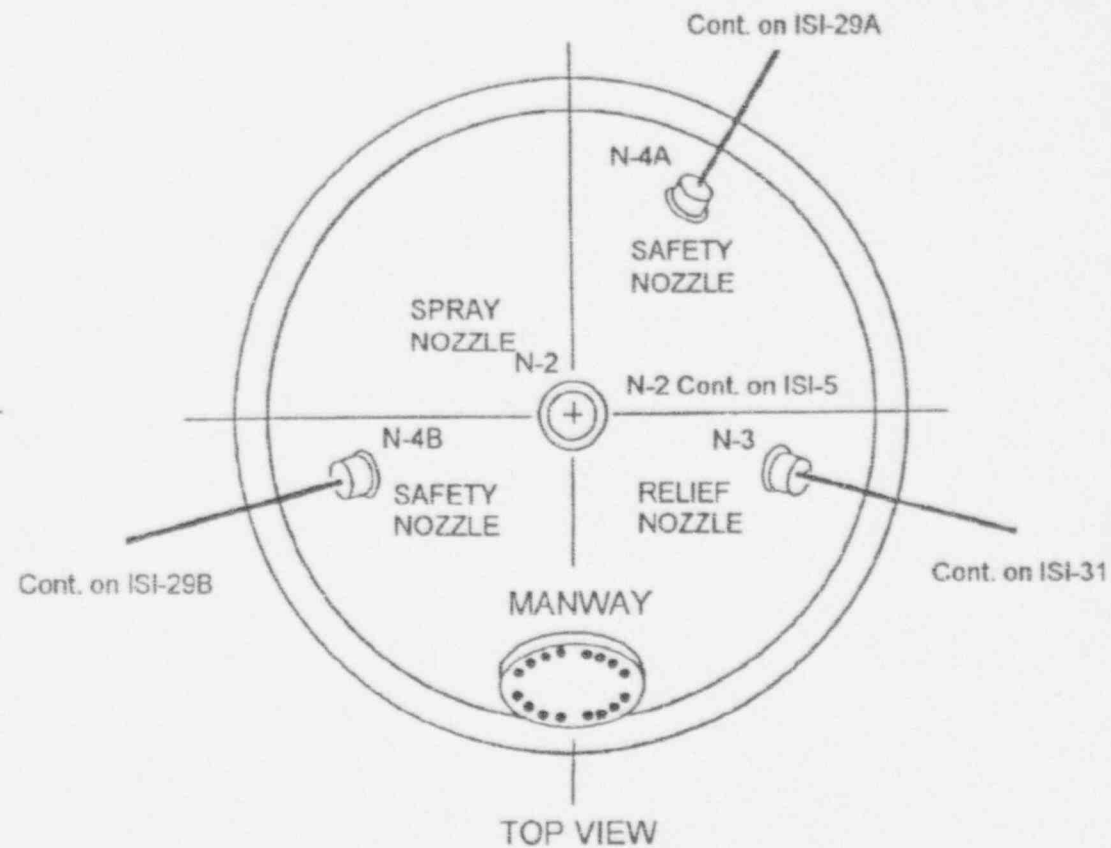
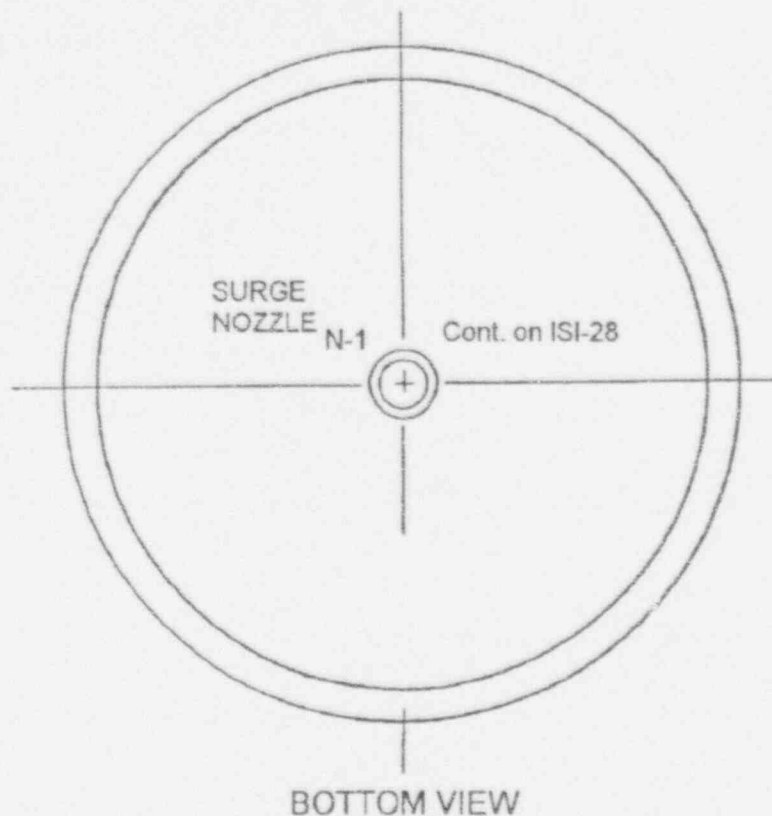
ISI = WELD No.

ISI
WEST = HANGER No.

Ref. Dwgs: XH-1-10
 XH-1-1597

Pressurizer

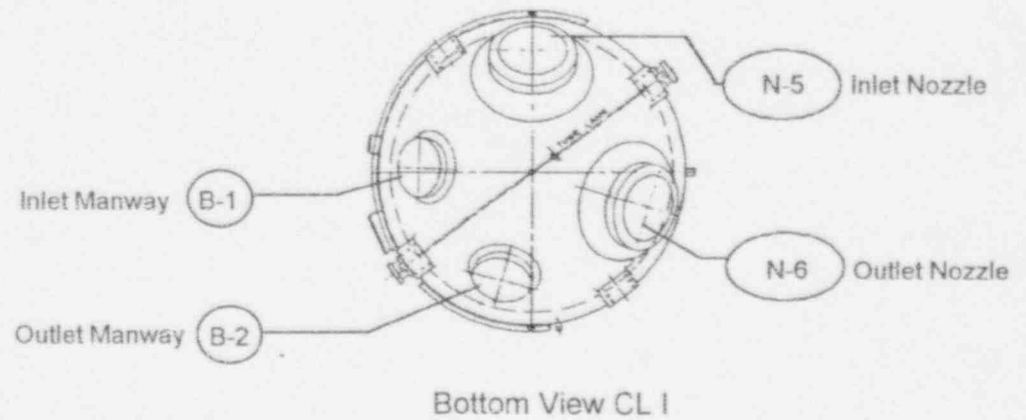
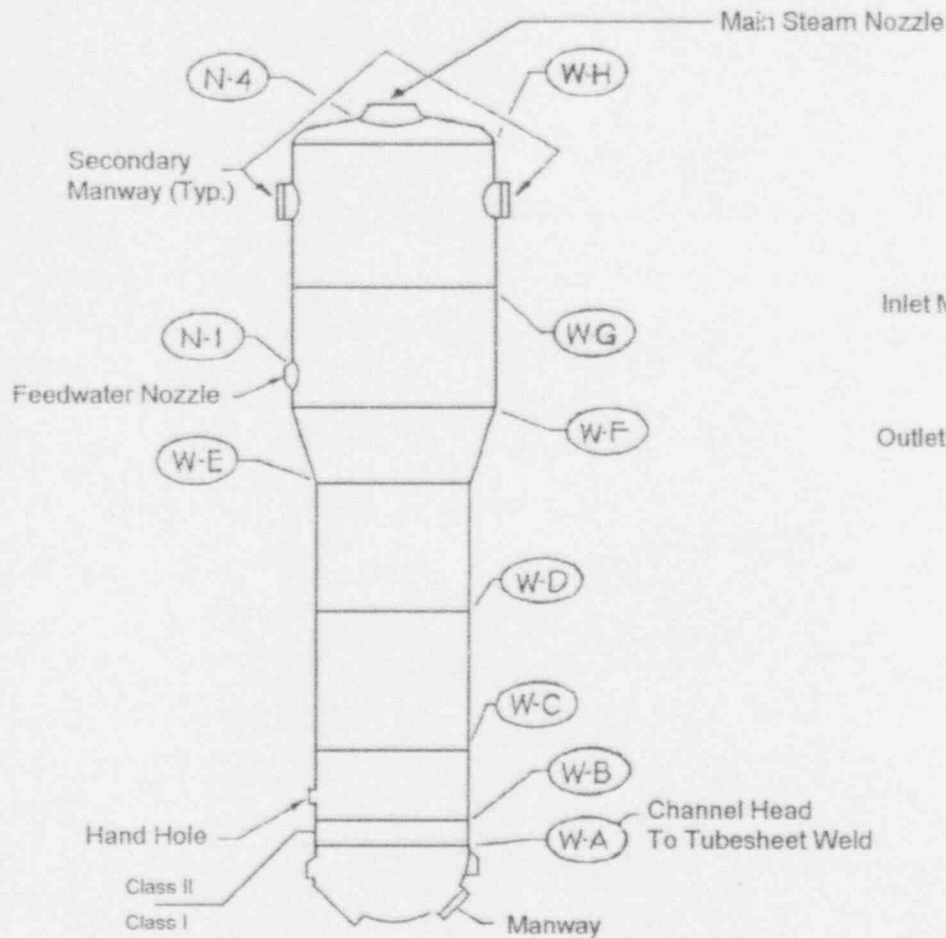
NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>AS</i>	CHKD: <i>m</i>	APPD: <i>CMK</i>
SYSTEM: <i>Reactor Coolant</i>		
LINE NO: <i>NA</i>		
DWG NO: <i>ISI-41</i>	REV: <i>3</i>	



Pressurizer Nozzles

Ref. Dwgs: XH-1-10
XH-1-447
XH-1-448
XH-1-1009

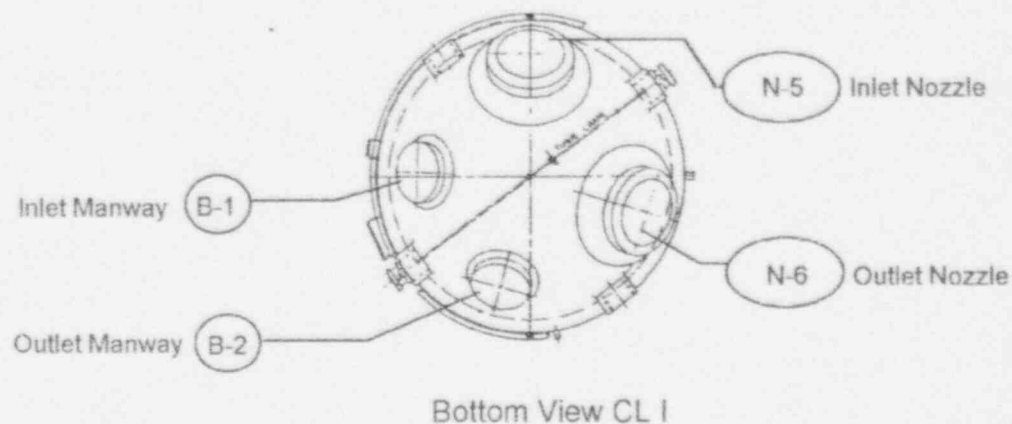
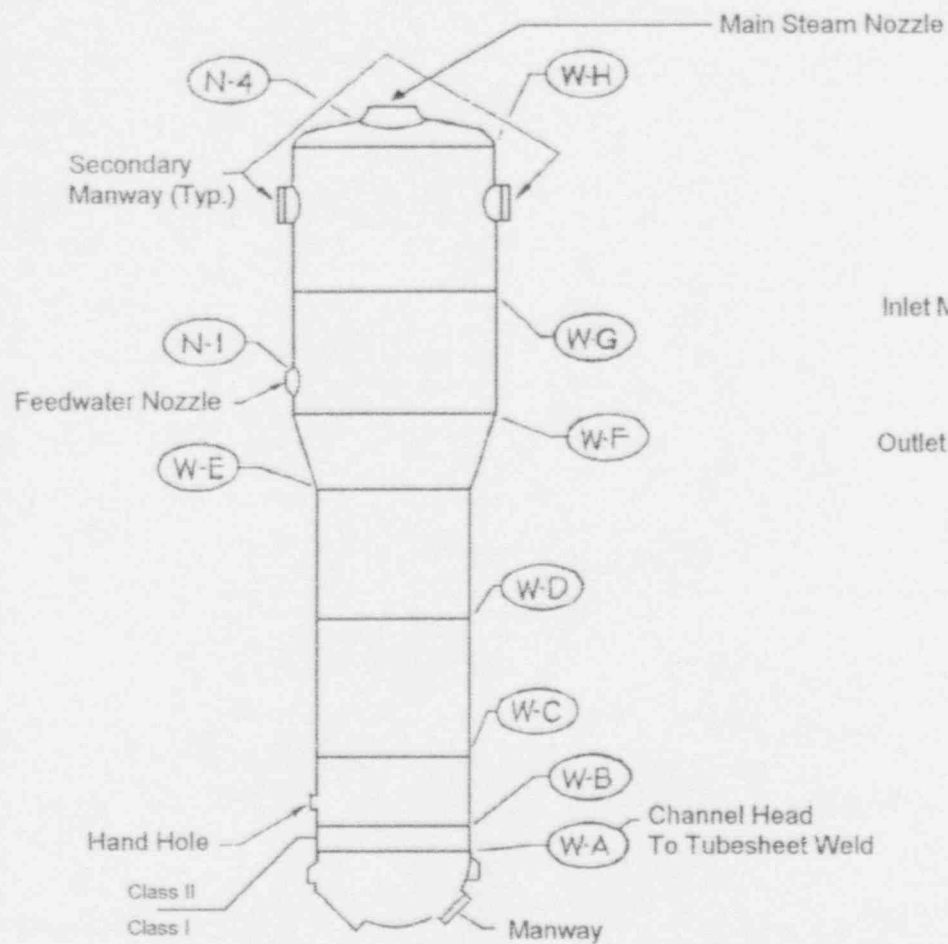
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: AJ	CHKD: MV APPD: CRK
SYSTEM: Reactor Coolant	
LINE NO: NA	
DWG NO: ISI-42	REV: 2



ISI = Weld No.
ISI = Bolt No.

Steam Generator 11

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>AJ</i>	CHKD: <i>nm</i> APPD: <i>CAX</i>
SYSTEM: <i>Steam Generator 11</i>	
LINE NO: <i>NA</i>	
DWG NO: <i>ISI-43A</i>	REV: <i>0</i>

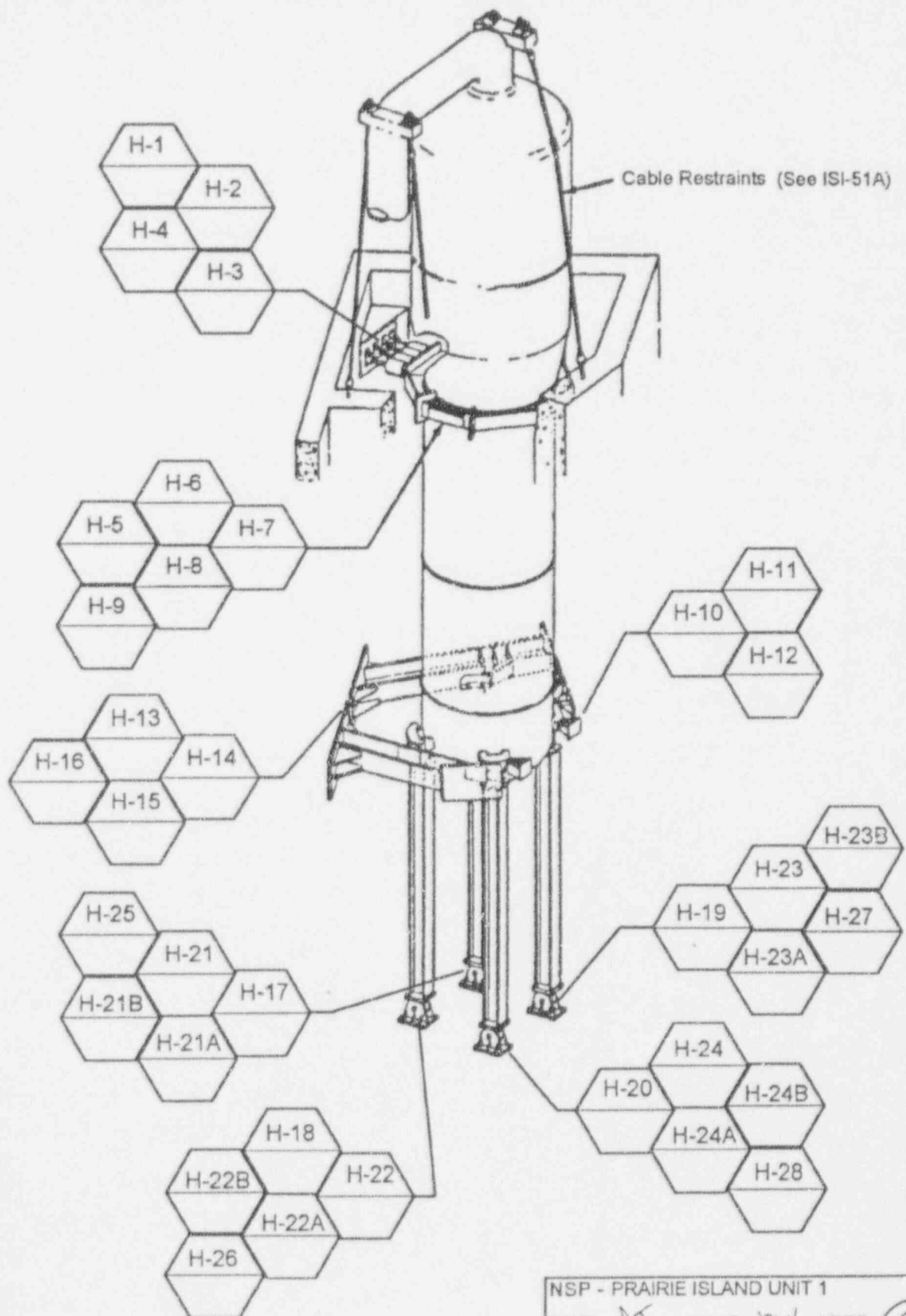


ISI = Weld No.

ISI = Bolt No.

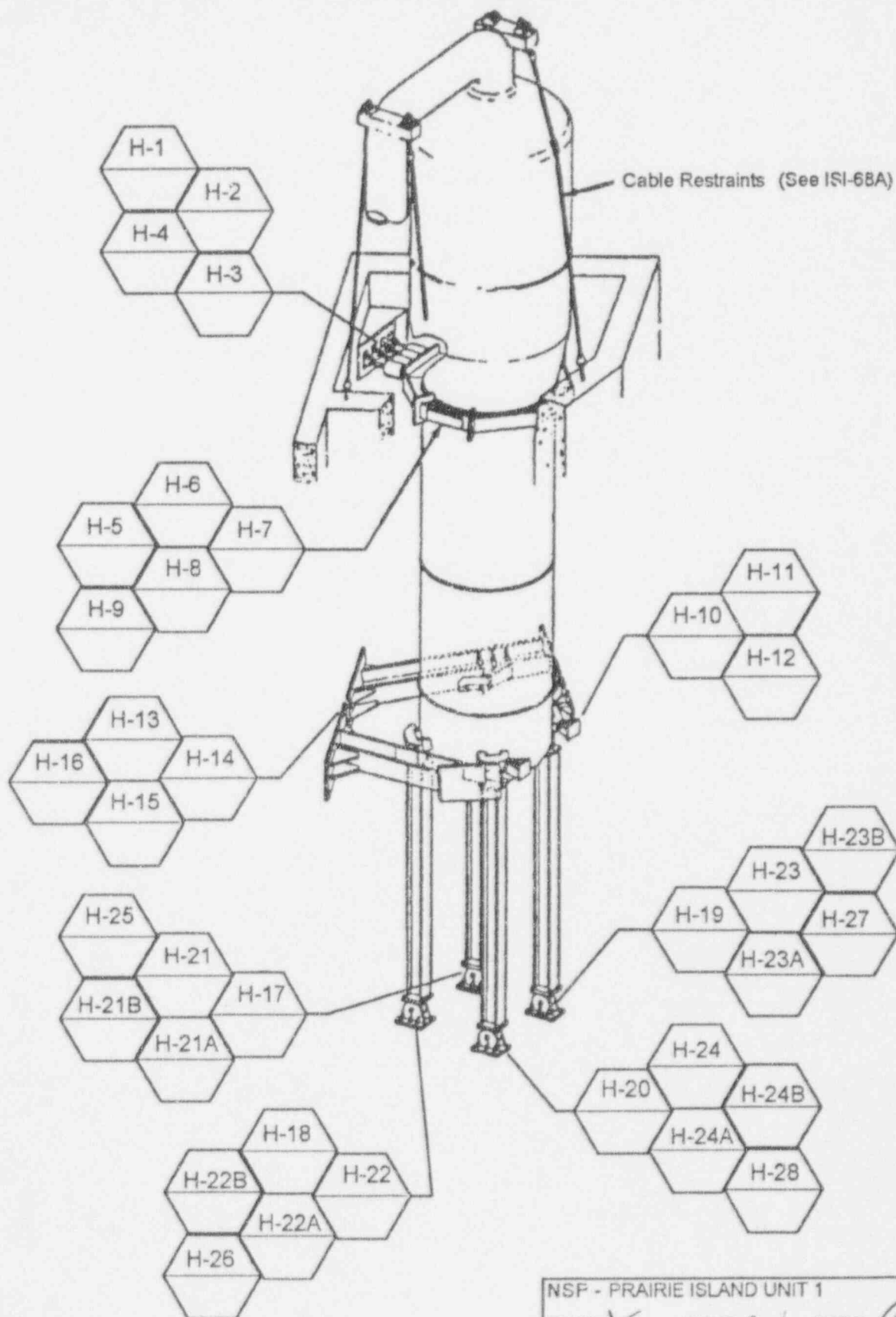
Steam Generator 12

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>AS</i>	CHKD: <i>mv</i> APPD: <i>CNK</i>
SYSTEM: <i>Steam Generator 12</i>	
LINE NO: <i>NA</i>	
DWG NO: <i>ISI-43B</i>	REV: <i>0</i>



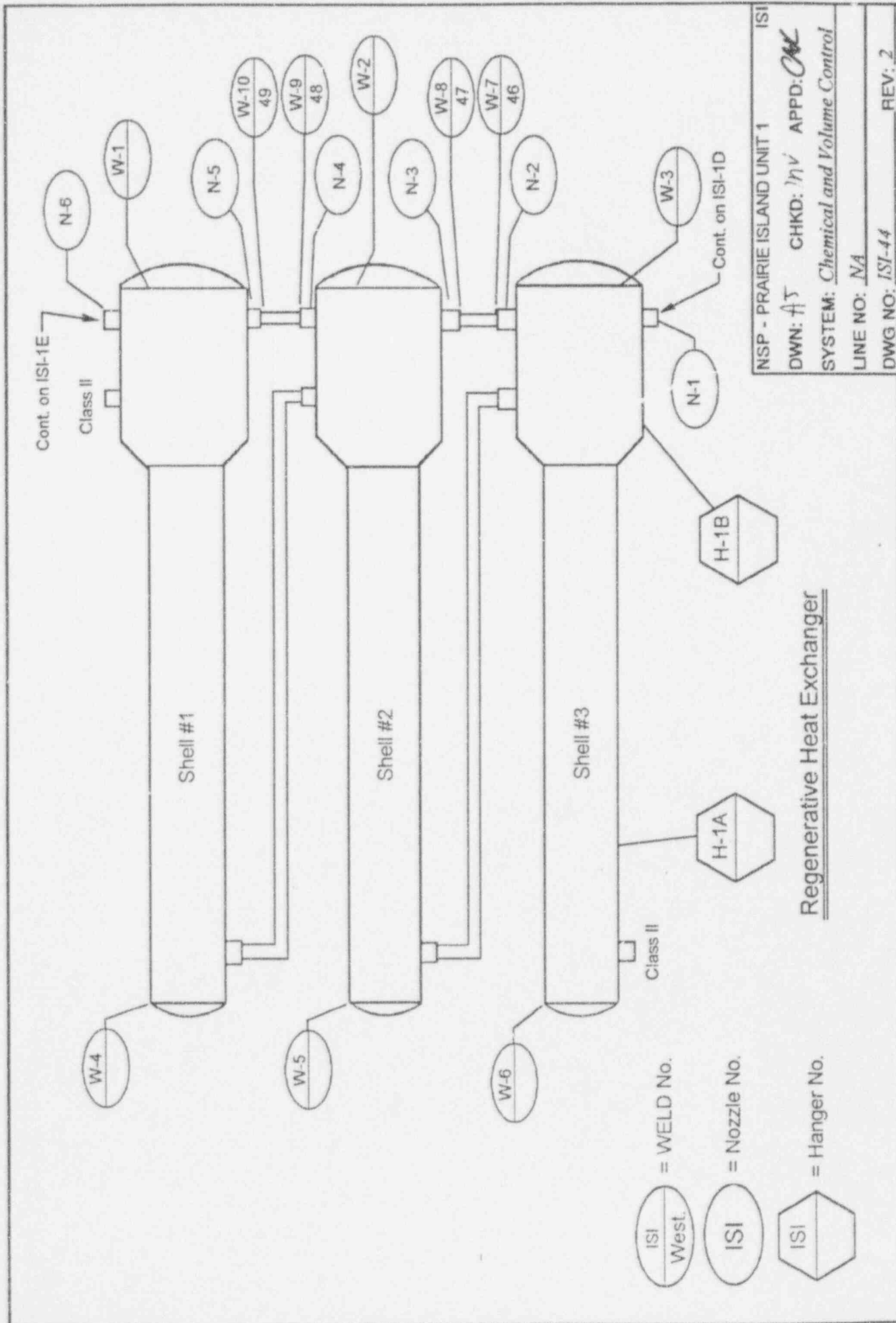
Steam Generator 11

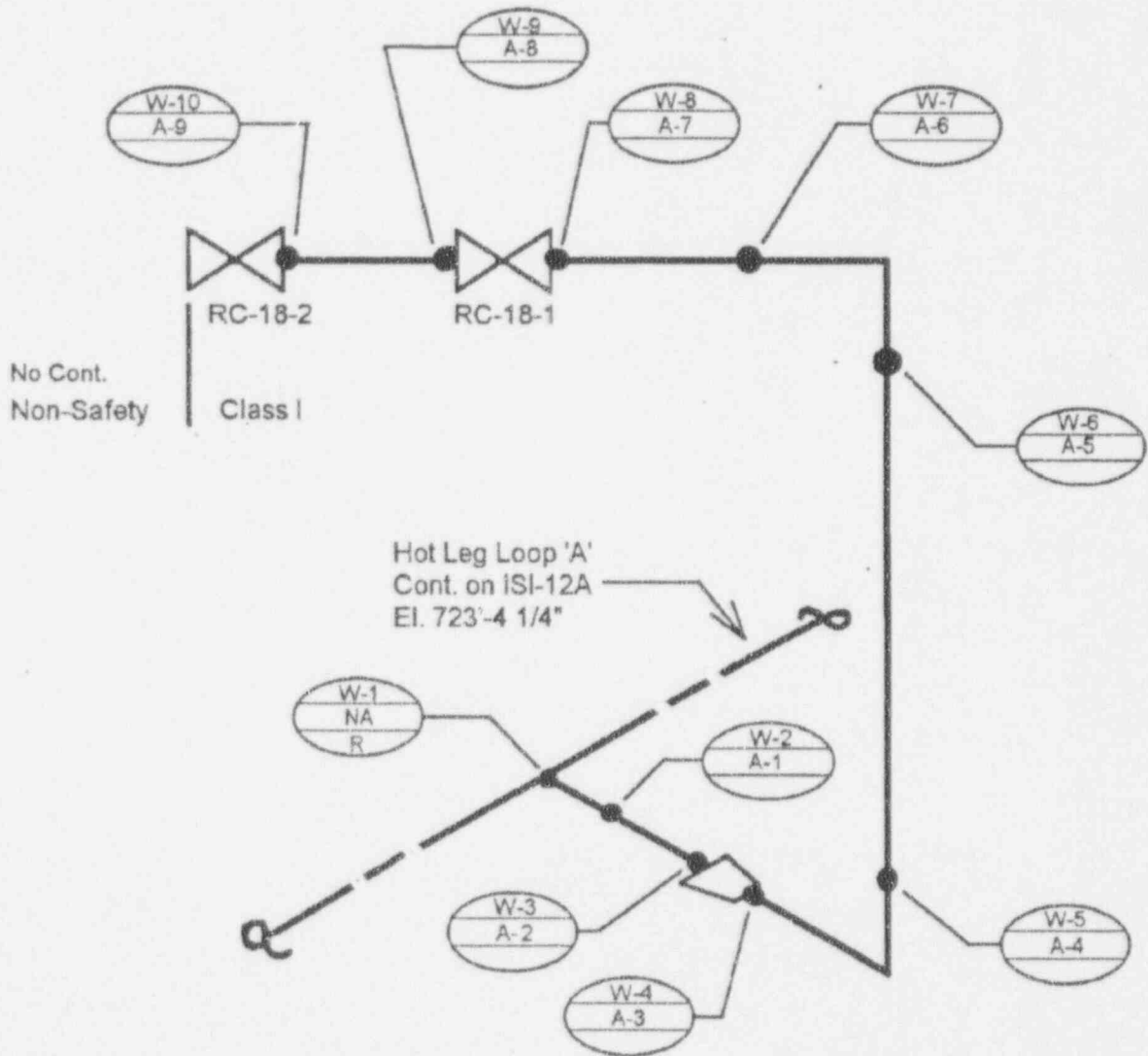
NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>AS</i>	CHKD: <i>mv</i>	APPD: <i>CHK</i>
SYSTEM: <u>Steam Generator 11</u>		
LINE NO: <u>Supports</u>		
DWG NO: <u>ISI-43C</u>	REV: <u>0</u>	



Steam Generator 12

NSF - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>AS</i>	CHKD: <i>mv</i>	APPD: <i>CHK</i>
SYSTEM: <u>Steam Generator 12</u>		
LINE NO: <u>Supports</u>		
DWG NO: <u>ISI-43D</u>		REV: <u>0</u>





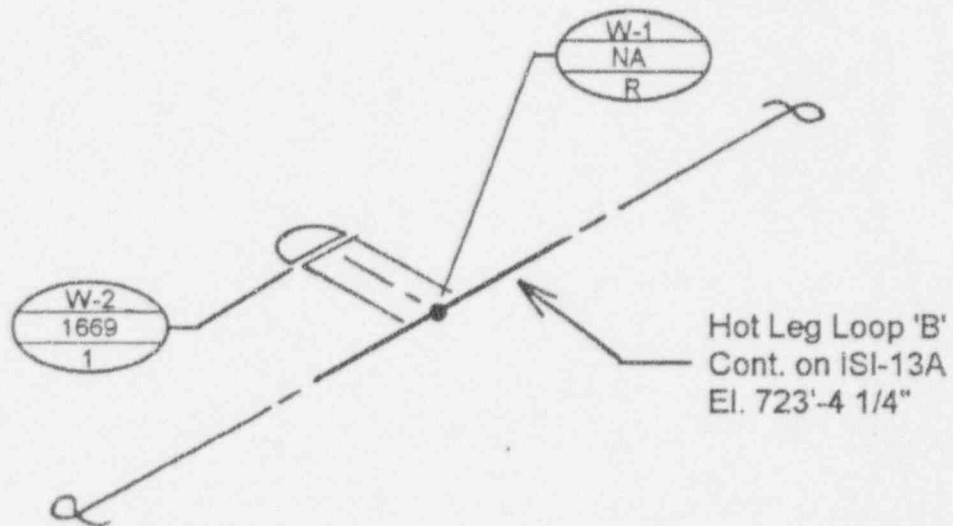
ISI
CONST
WEST = WELD No.

Ref. Dwg. NQ-159008

RCS Drain Down Line

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: A5	CHKD: m	APPD: <i>CM</i>
SYSTEM: Reactor Coolant		
LINE NO: 6-RC-13A, 3-RC-30		
DWG NO: ISI-46		REV: 2

N ↗



ISI
NAVCO
WEST = WELD No.

Ref. Dwg. XH-106-32-3

PLO-Cap B

NSP - PRAIRIE ISLAND UNIT 1			ISI
DWN: <i>AJ</i>	CHKD: <i>m</i>	APPD: <i>CH</i>	
SYSTEM: <i>Reactor Coolant</i>			
LINE NO: <i>6-RC-13C</i>			
DWG NO: <i>ISI-47</i> REV: <i>2</i>			

N ↗

FLANGE TO VESSEL
WELD #1

UPPER SHELL ASSY.
TO LOWER SHELL
ASSY. WELD #2

LOWER SHELL ASSY.
INTERMEDIATE
WELD #3

LOWER HEAD TO
SHELL WELD #4

RING TO DISC WELD #5

2'-5.1"

9'-2.6"

7'-7.1"

7'-7.1"

1'-6.3"

NOZZLE TO VESSEL
WELDS SHOWN
ON ISI-50

6.692"

Vessel Material
Flange & Shell: SA-508, Cl. 3 Mag.
Head: SA-533, Gr. B Cl. 1

4.252"

STUD #1

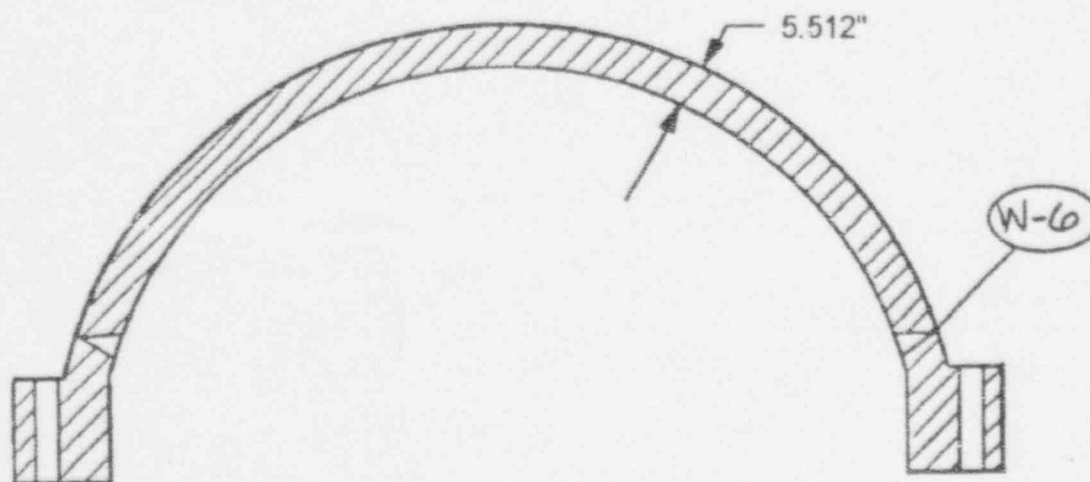
LIGAMENT #1

LIGAMENT NUMBER
CORRESPONDS TO STUD
HOLE NUMBER

REACTOR VESSEL SHELL WELDS

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>mv</i> APPD: <i>CMK</i>	
SYSTEM: <u>Reactor Vessel</u>	
LINE NO: <u>N/A</u>	
DWG NO: <u>ISI-48</u>	REV: <u>2</u>

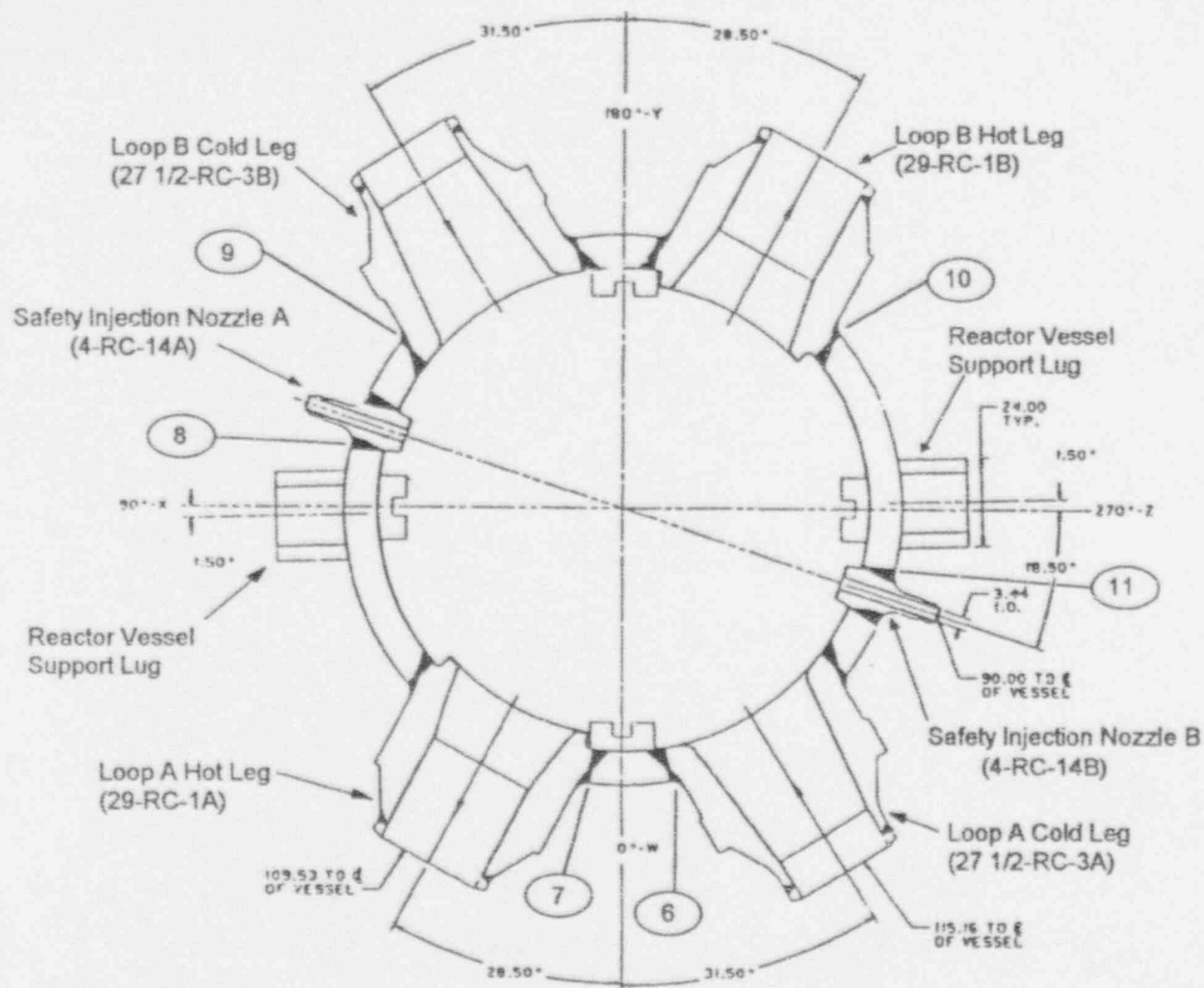
N ↗



Head Material: SA-533, Gr. B, Cl. 1
Flange Material: SA-508, Cl. 3

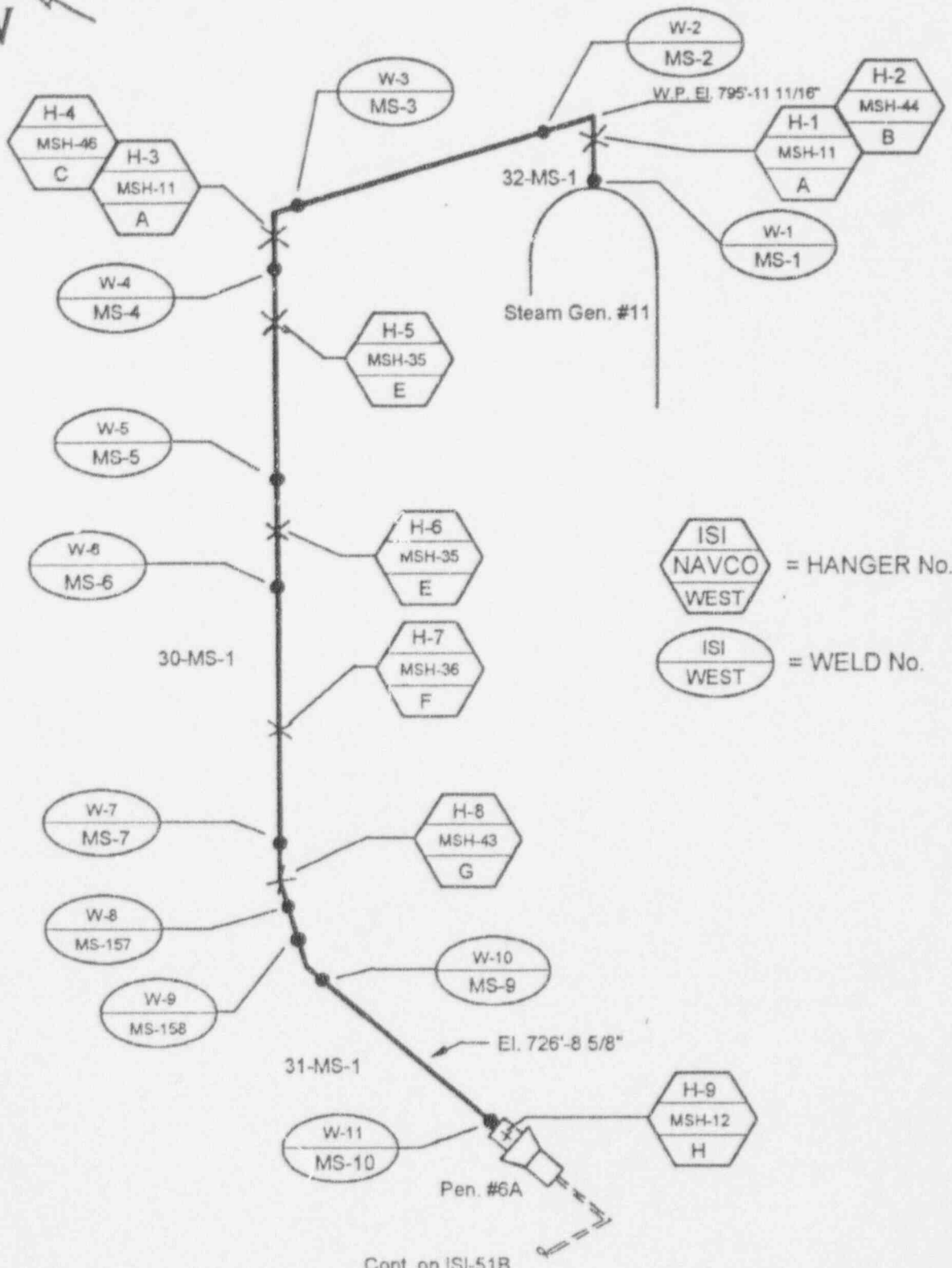
Reactor Vessel
Closure Head Weld

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Whe</i> CHKD: <i>mj</i> APPD: <i>CH</i>	
SYSTEM: <i>Reactor Vessel</i>	
LINE NO: <i>N/A</i>	
DWG NO: <i>ISI-49</i>	REV: <i>2</i>



REACTOR VESSEL NOZZLES

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: A.J.	CHKD: Mv APPD: CME
SYSTEM: <u>Reactor Vessel</u>	
LINE NO: <u>N/A</u>	
DWG NO: <u>ISI-50</u>	REV: <u>4</u>



ISI
NAVCO
WEST = HANGER No.

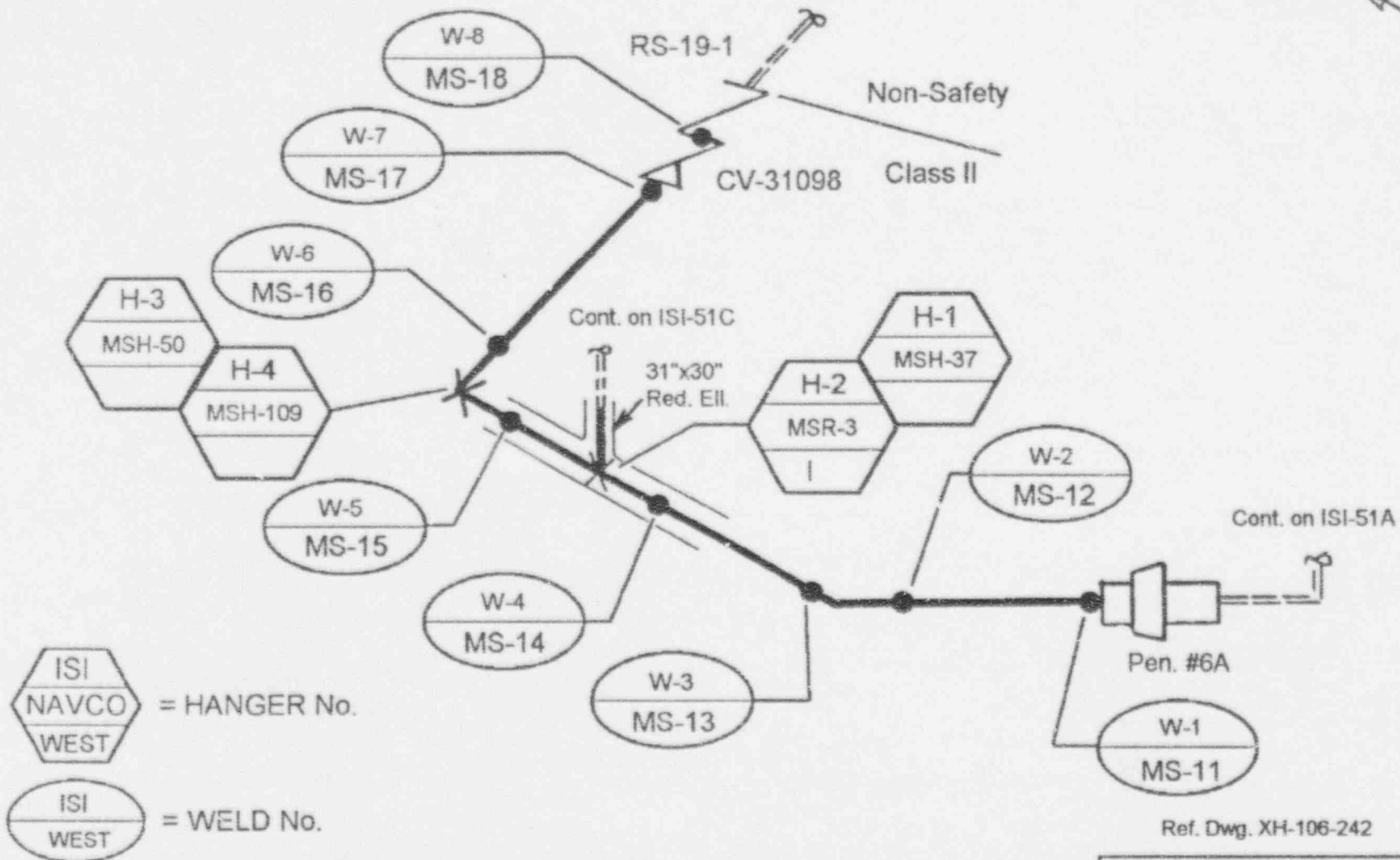
ISI
WEST = WELD No.

Main Steam Loop 'A'

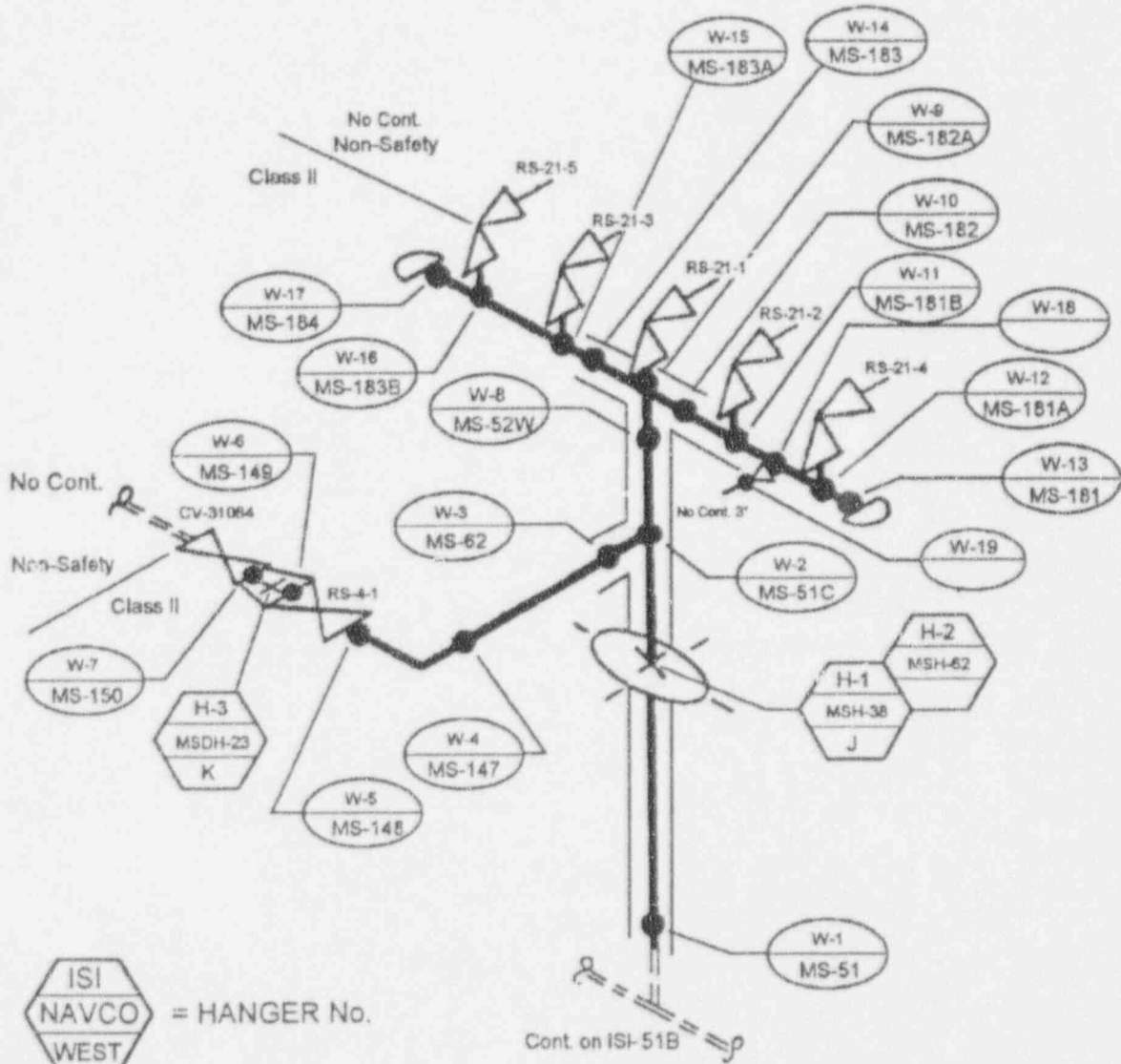
Cont. on ISI-51B



Ref. Dwg. XH-106-242

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>AS</i>	CHKD: <i>7m</i>	APPD: <i>[Signature]</i>
SYSTEM: <i>Main Steam</i>		
LINE NO: <i>30-MS-1, 31-MS-1, 32-MS-1</i>		
DWG NO: <i>ISI-51A</i> REV: <i>2</i>		



Main Steam Loop 'A'

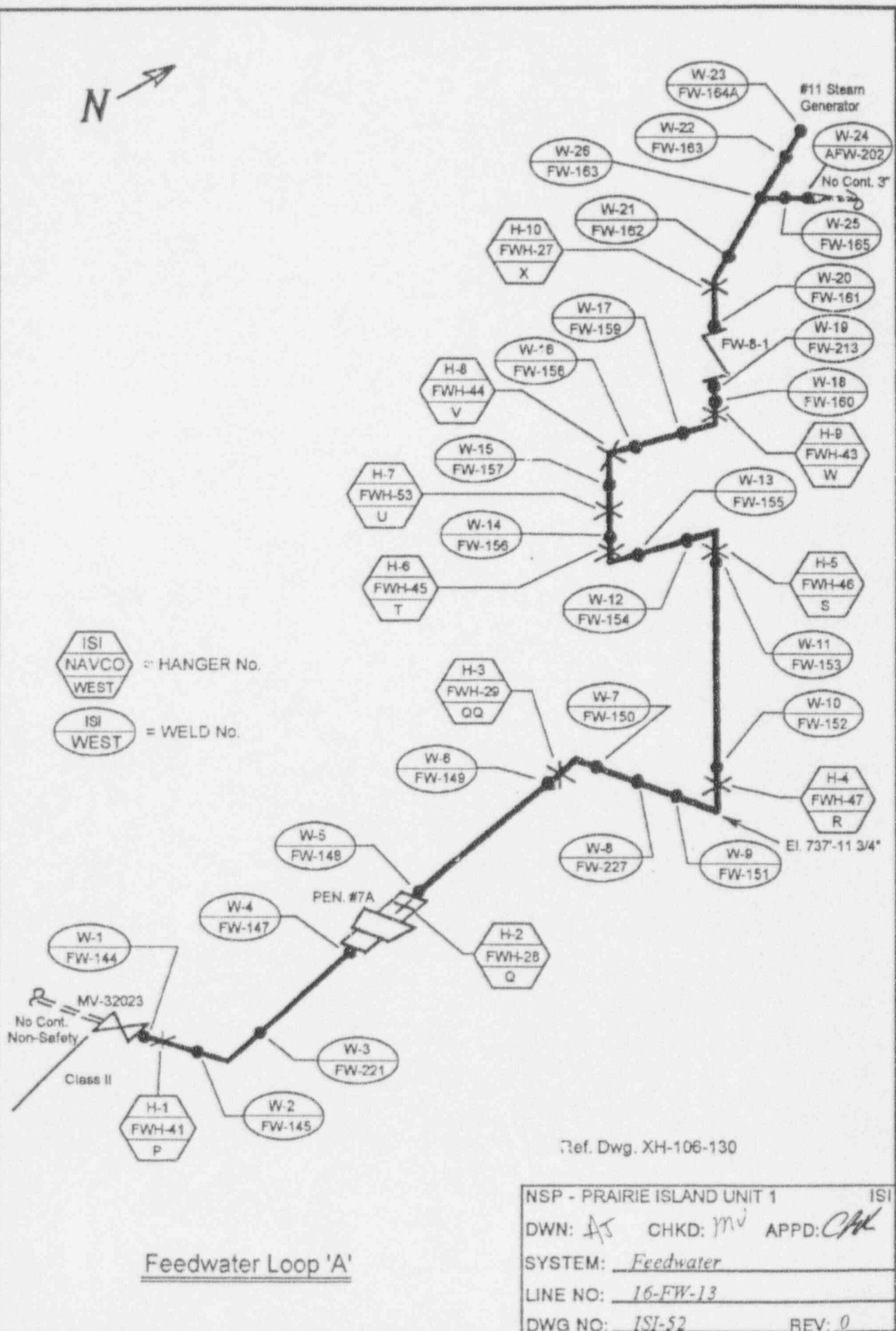


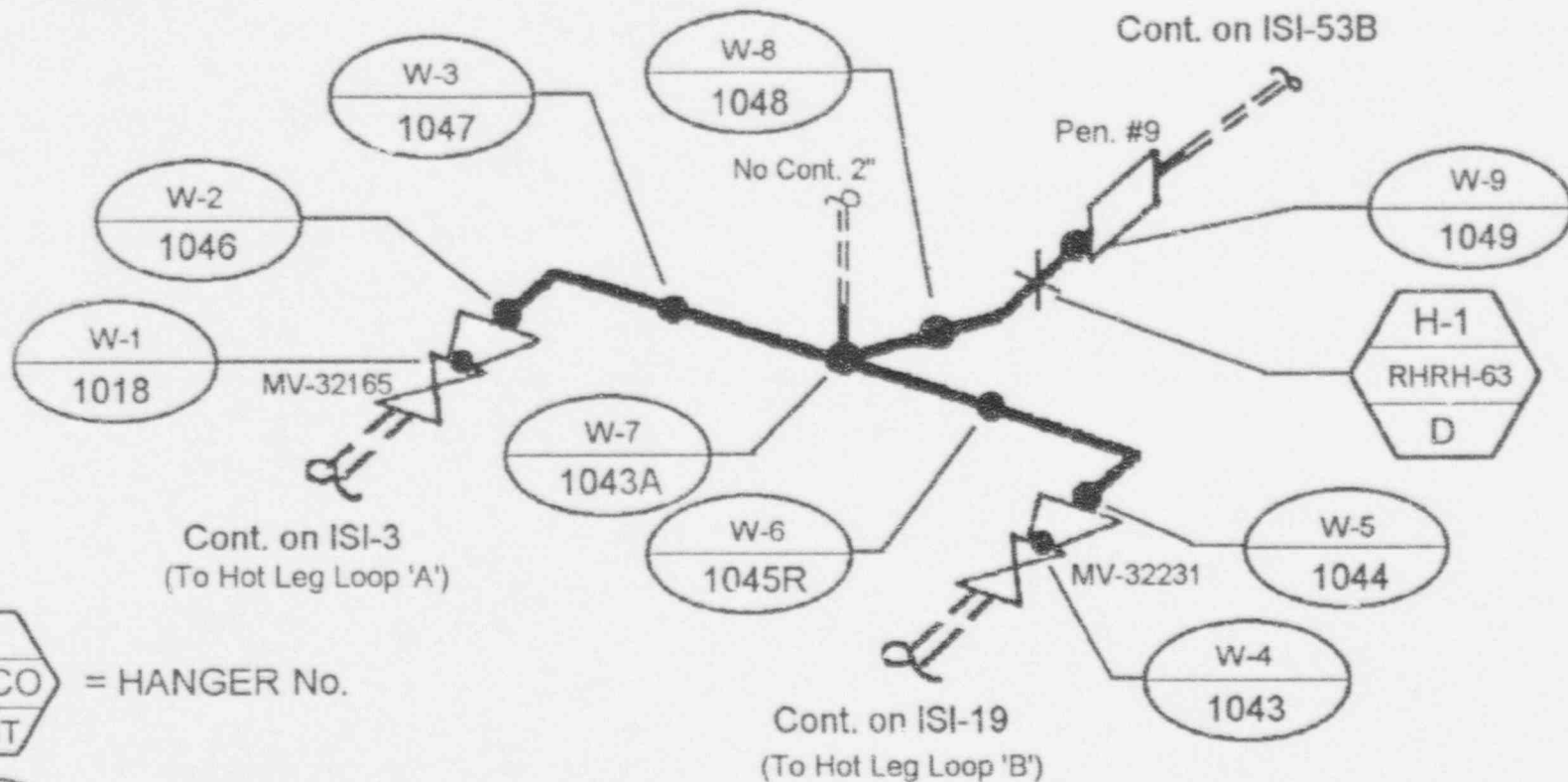
 = HANGER No.
 = WELD No.

Ref. Dwgs: XH-106-280
XH-106-242

Main Steam Loop 'A'

NSP - PRAIRIE ISLAND UNIT 1			ISI
DWN: <i>AS</i>	CHKD: <i>mn</i>	APPD: <i>CH</i>	
SYSTEM: <i>Main Steam</i>			
LINE NO: <i>30-MS-1, 6-MS-1</i>			
DWG NO: <i>ISI-51C</i>			REV: <i>0</i>

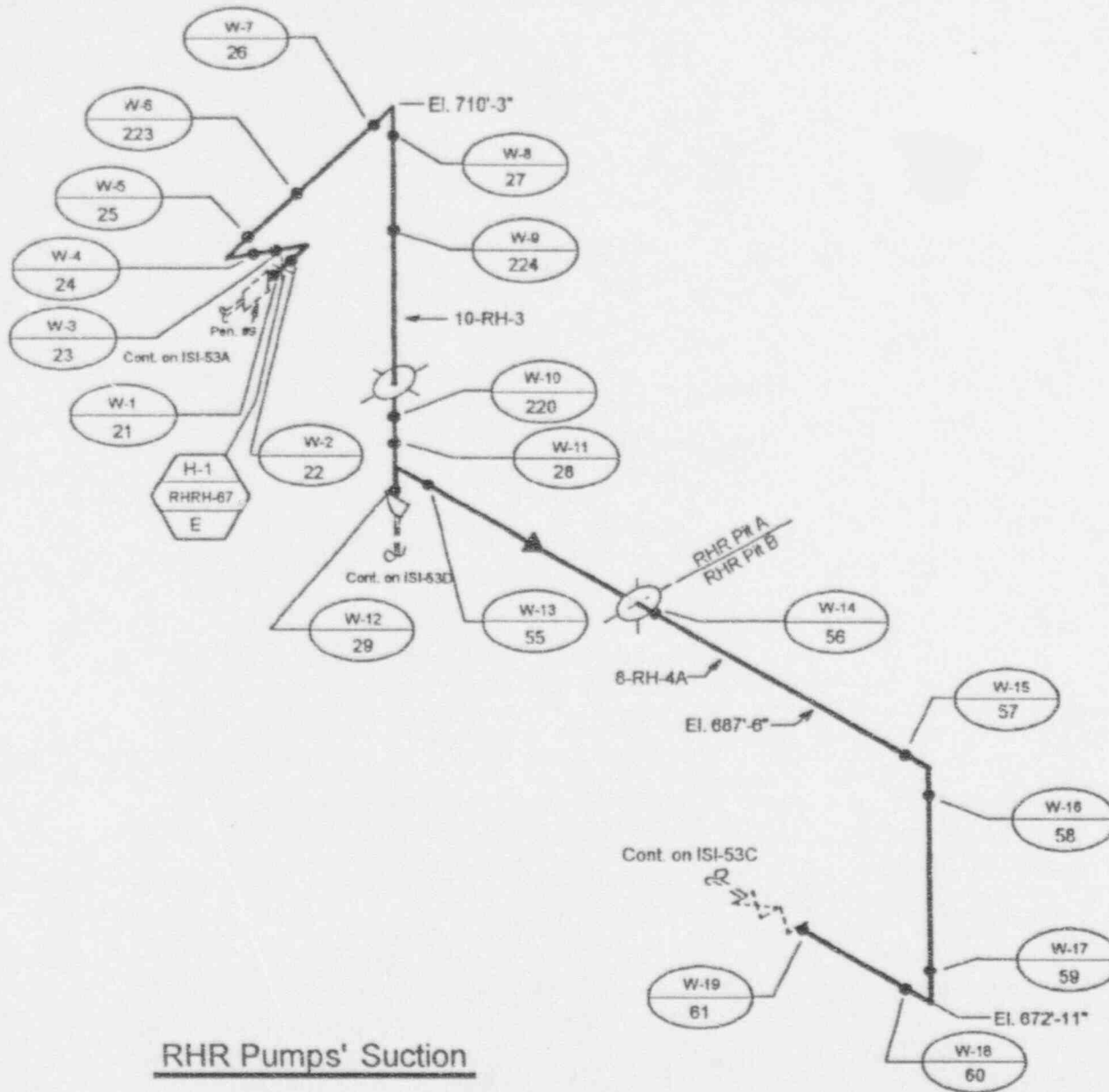




Ref. Dwg. XH-106-323

RHR Pumps' Suction

NSP - PRAIRIE ISLAND UNIT 1			ISI
DWN: <i>AS</i>	CHKD: <i>MV</i>	APPD: <i>CH</i>	
SYSTEM: <u>Residual Heat Removal</u>			
LINE NO: <u>10-RH-3</u>			
DWG NO: <u>ISI-53A</u> REV: <u>0</u>			



RHR Pumps' Suction



= HANGER No.



= WELD No.

Ref. Dwg. HX-106-176

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: AS	CHKD: mv	APPD: CMK
SYSTEM: <u>Residual Heat Removal</u>		
LINE NO: <u>10-RH-3, 8-RH-4A</u>		
DWG NO: ISI-53B		REV: 0

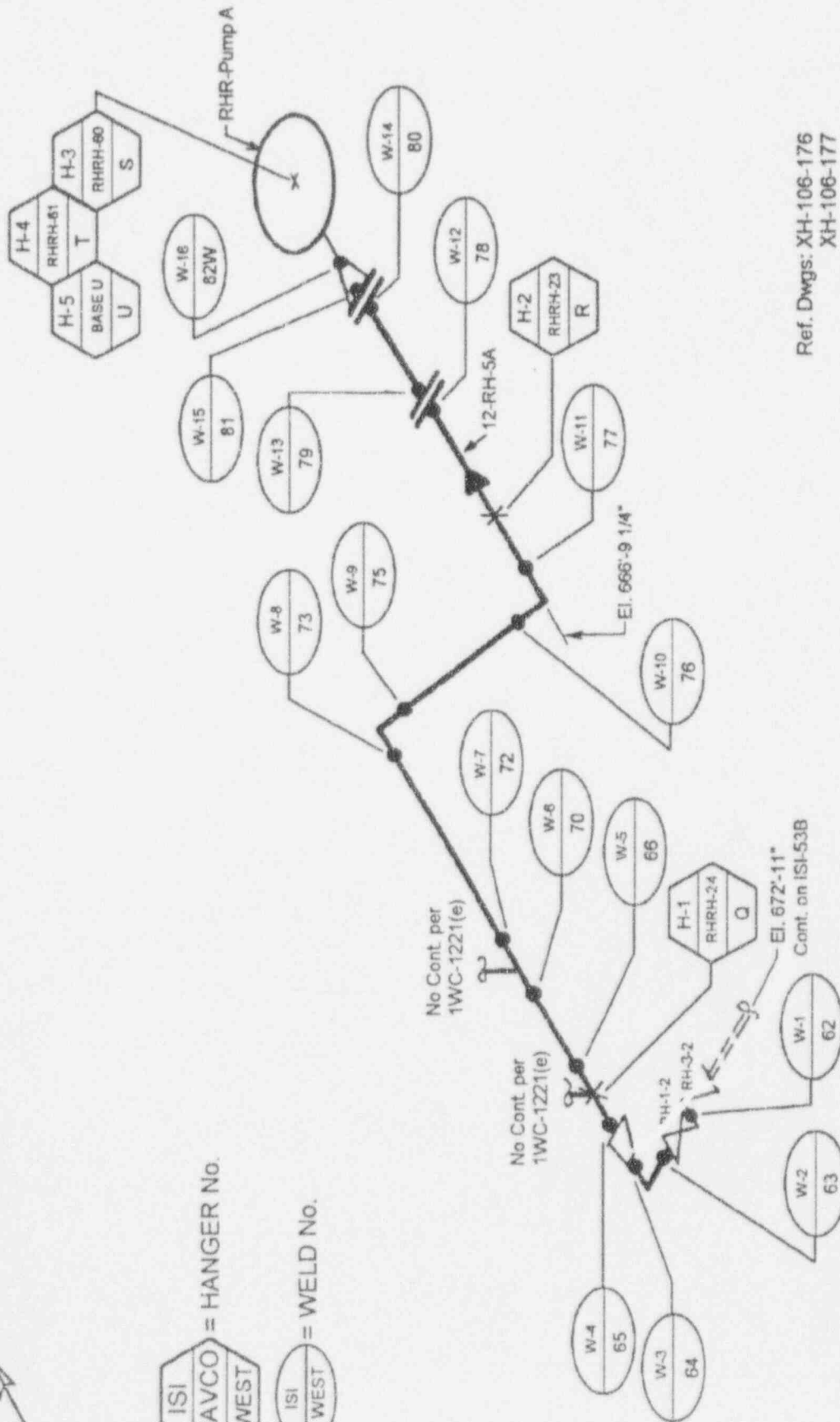


ISI
NAVCO
WEST

= HANGER No.

ISI
WEST

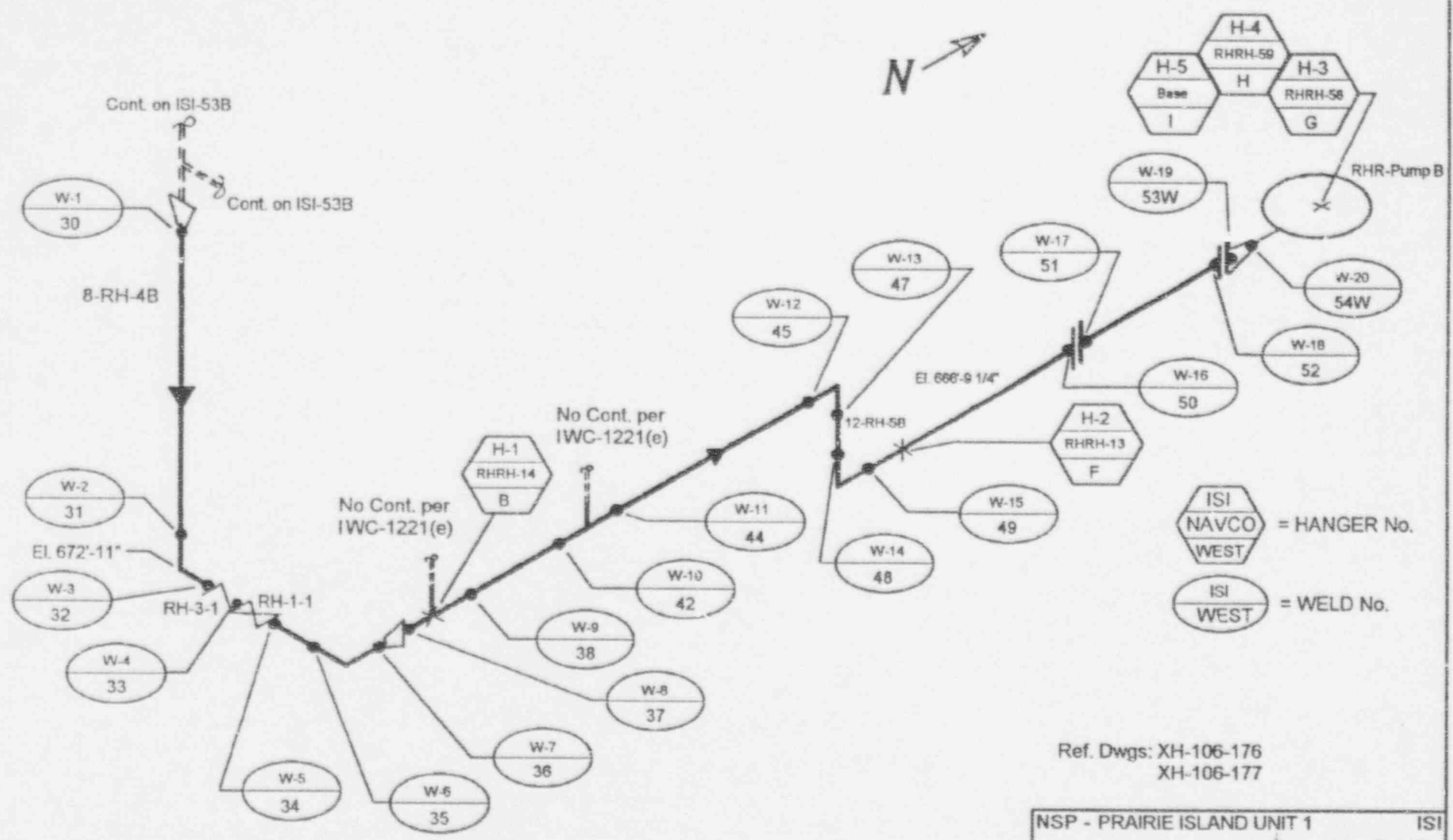
= WELD No.



Ref. Dwgs: XH-106-176
XH-106-177

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>AS</i>	CHKD: <i>ML</i>
APPD: <i>ML</i>	
SYSTEM: <i>Residual Heat Removal</i>	
LINE NO: <i>12-RH-5A, 8-RH-4A</i>	
DWG NO: <i>ISI-53C</i>	REV: <i>0</i>

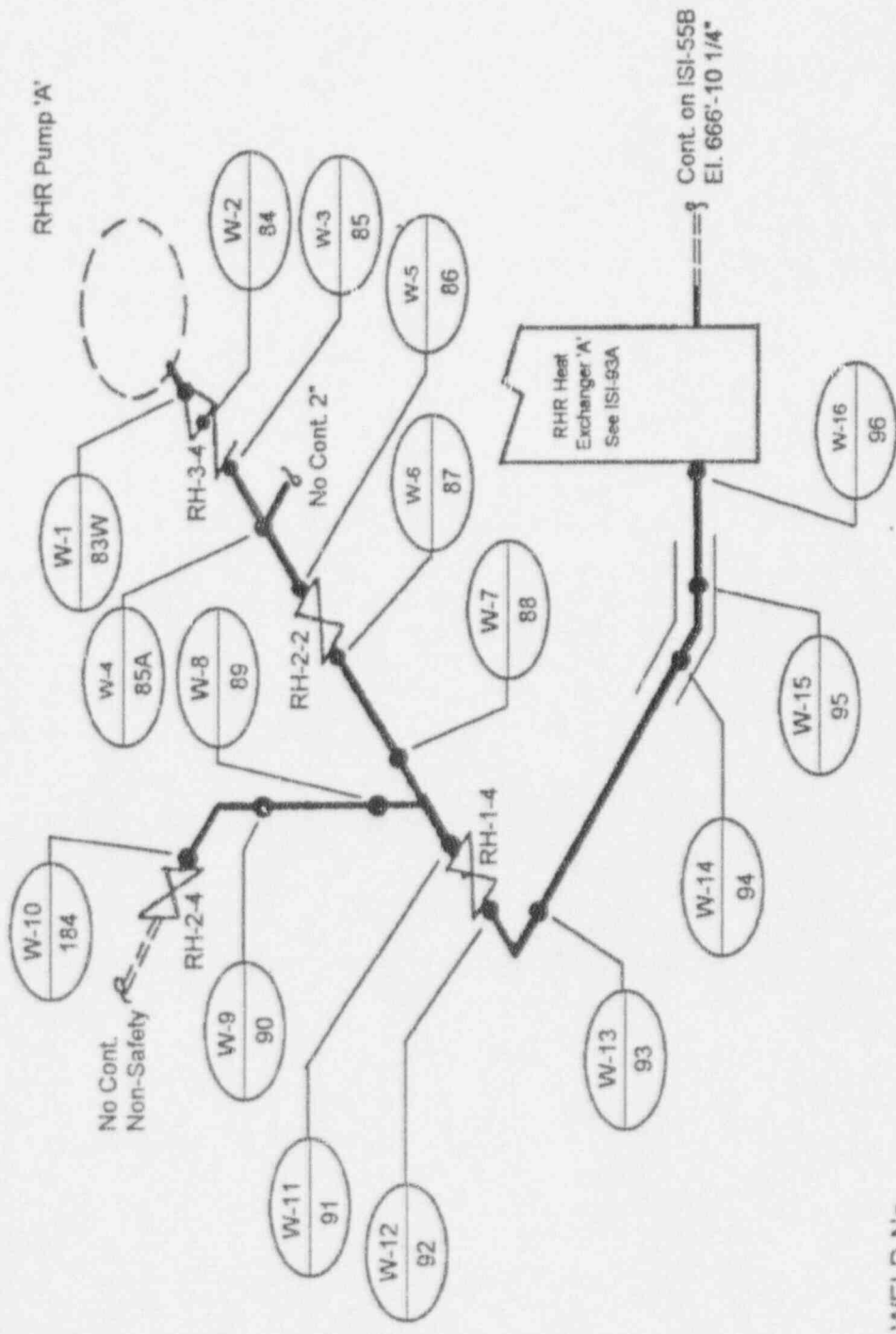
RHR - Pump 'A' Suction



RHR - Pump 'B' Suction

Ref. Dwgs: XH-106-176
XH-106-177

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: AJ	CHKD: m	APPD: C&K
SYSTEM: <u>Residual Heat Removal</u>		
LINE NO: <u>12-RH-5B, 8-RH-4B</u>		
DWG NO: <u>ISI-53D</u>	REV: 0	

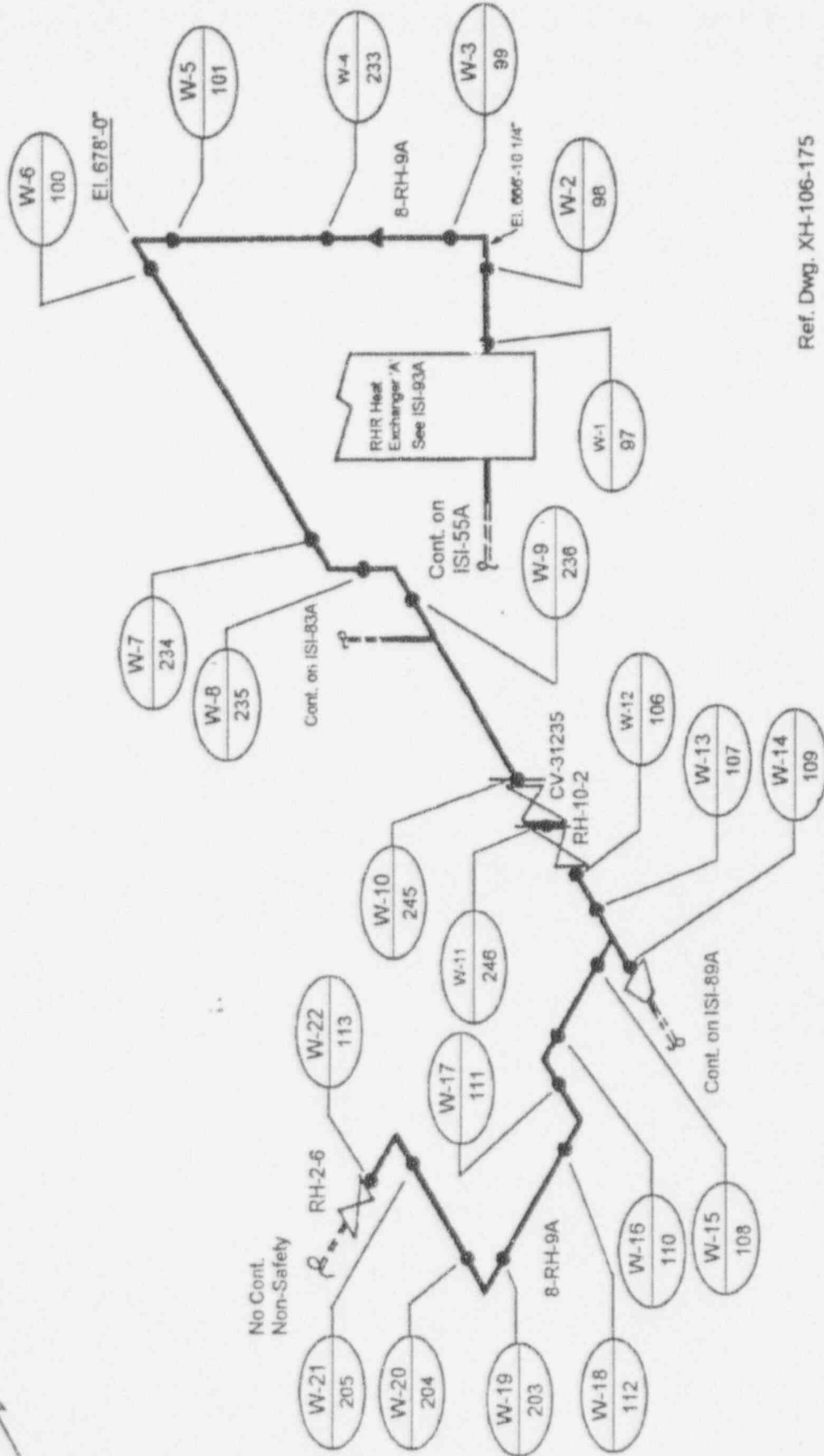


ISI
WEST
= WELD No.

Ref. Dwg. XH-106-175

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>AJ</i>	CHKD: <i>MD</i>
APPD: <i>CH</i>	
SYSTEM: <i>Residual Heat Removal</i>	
LINE NO: <i>8-RH-7A</i>	
DWG NO: <i>ISI-55A</i>	REV: <i>0</i>

RHR Pump 'A' Discharge

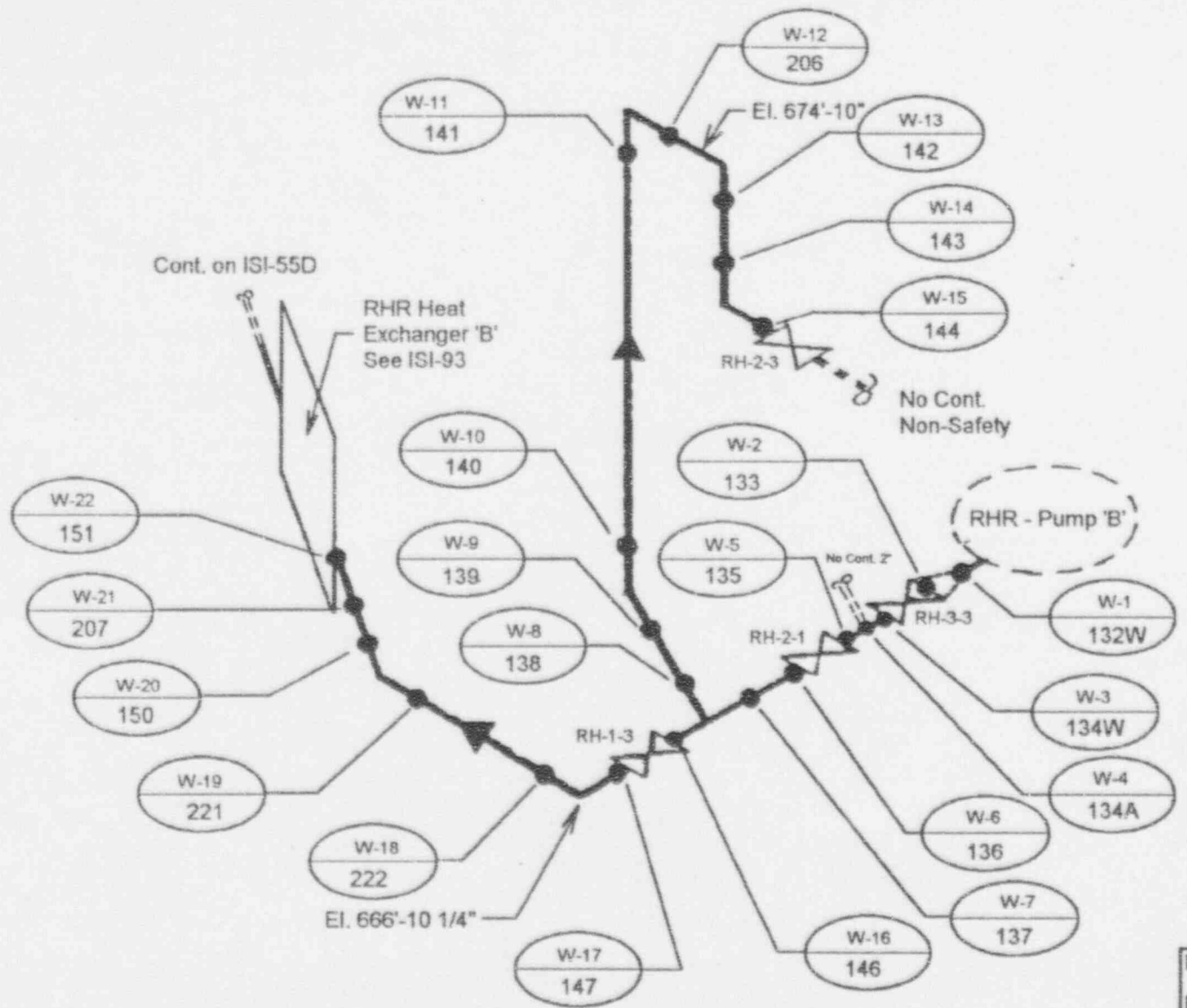


Ref. Dwg. XH-106-175

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: 4J	CHKD: MV
APPD: CHL	
SYSTEM: Residual Heat Removal	
LINE NO: 8-RH-9A	
DWG NO: ISI-55B	REV: 0

RHR - Pump 'A' Discharge

ISI = WELD NO.

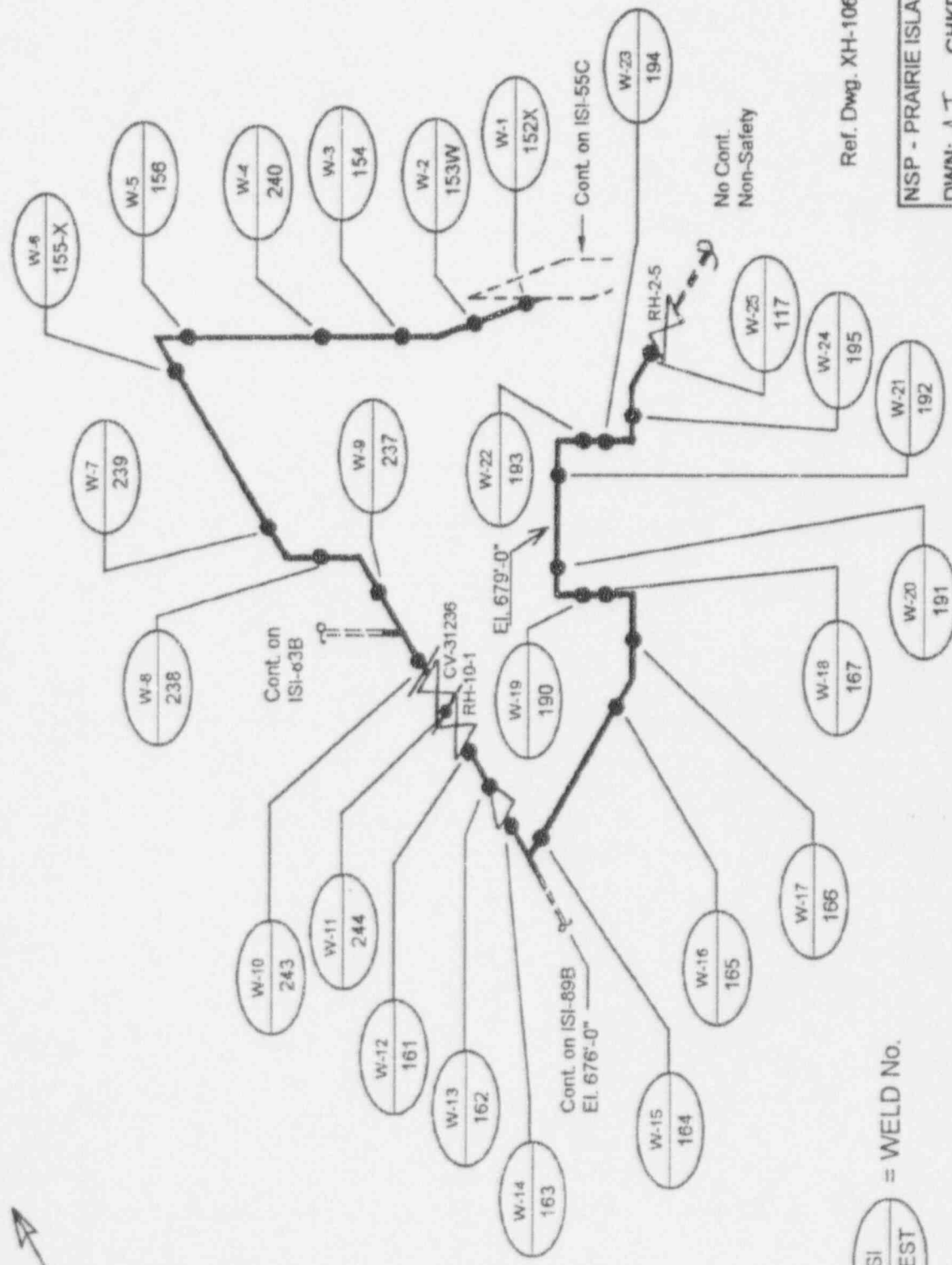


ISI
WEST = WELD No.

RHR - Pump 'B' Discharge

Ref. Dwg. XH-106-175

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>AS</i>	CHKD: <i>nd</i> APPD: <i>CAK</i>
SYSTEM: <i>Residual Heat Removal</i>	
LINE NO: <i>8-RH-7E</i>	
DWG NO: <i>ISI-55C</i>	REV: <i>0</i>



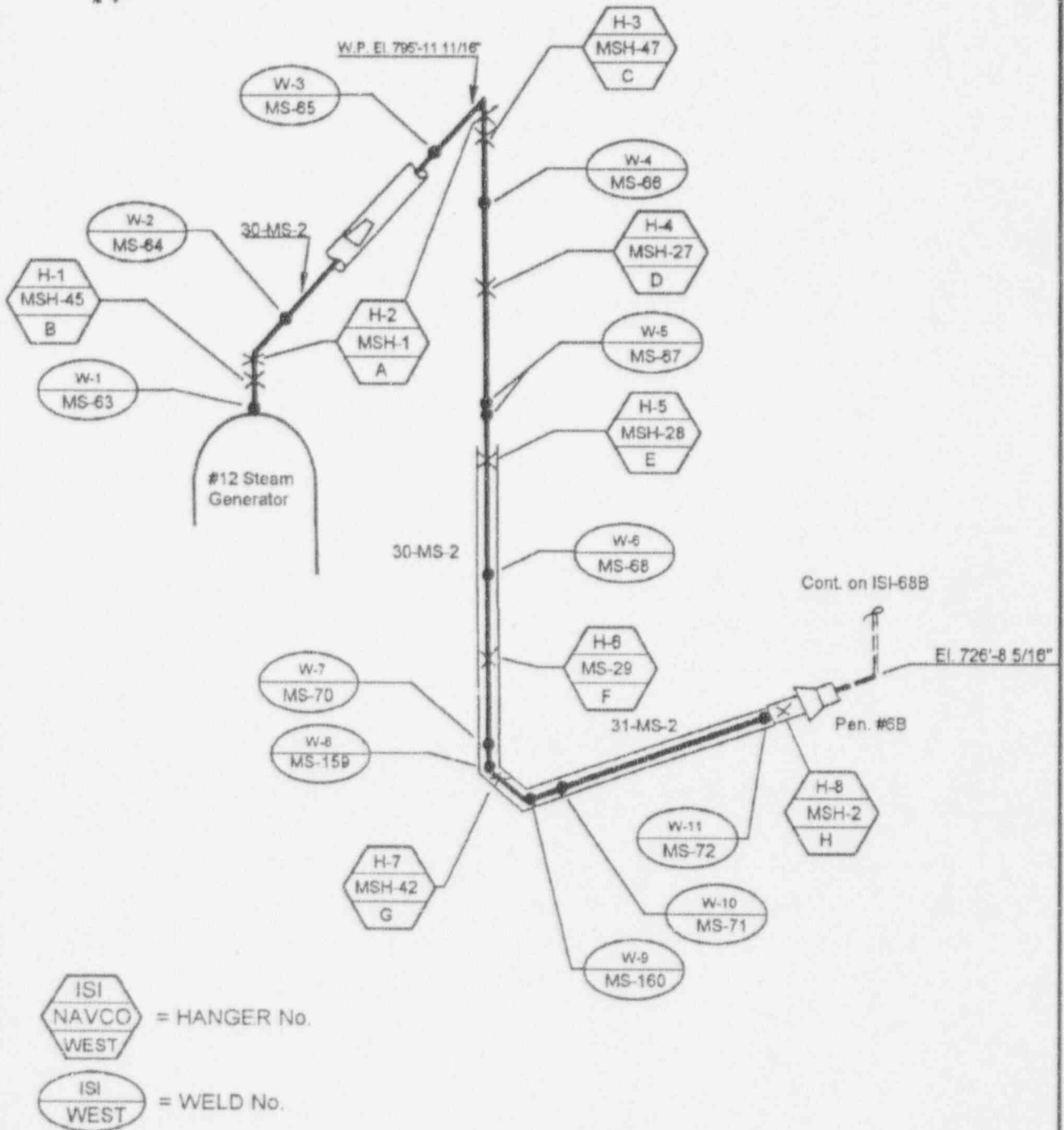
ISI
WEST

= WELD No.

Ref. Dwg. XH-106-175

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: A.J. CHKD: Mv	APPD: <i>CH</i>
SYSTEM: <u>Residual Heat Removal</u>	
LINE NO: <u>8-RH-9B</u>	
DWG NO: <u>ISI-55D</u>	REV: <u>0</u>

RHR - Pump 'B' Discharge



Ref. Dwg. XH-106-241

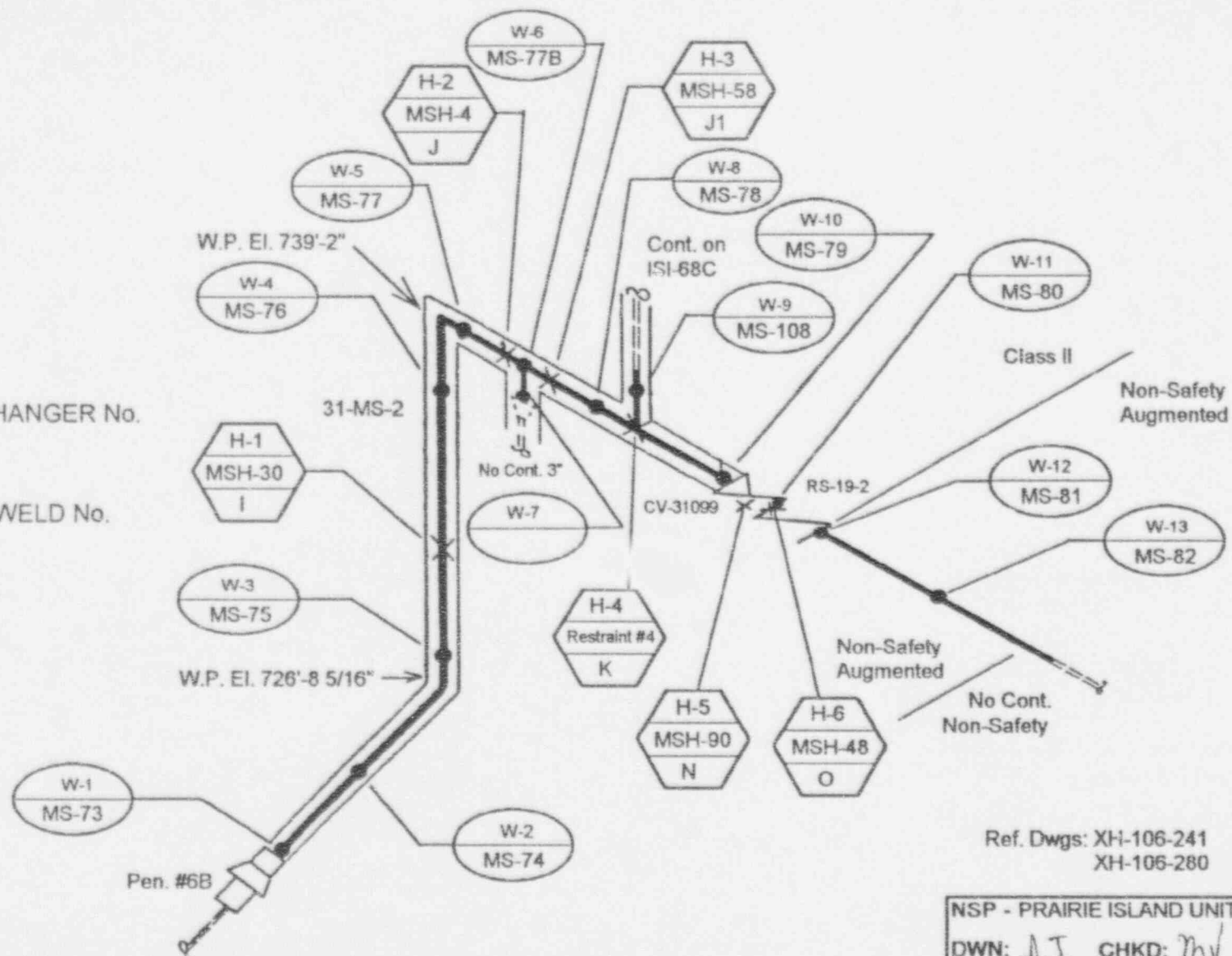
Main Steam Loop 'B'

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>A.J.</i>	CHKD: <i>mv</i> APPD: <i>CMK</i>
SYSTEM: <i>Main Steam</i>	
LINE NO: <i>30-MS-2, 31-MS-2</i>	
DWG NO: <i>ISI-68A</i>	REV: <i>2</i>



ISI
NAVCO
WEST = HANGER No.

ISI
WEST = WELD No.

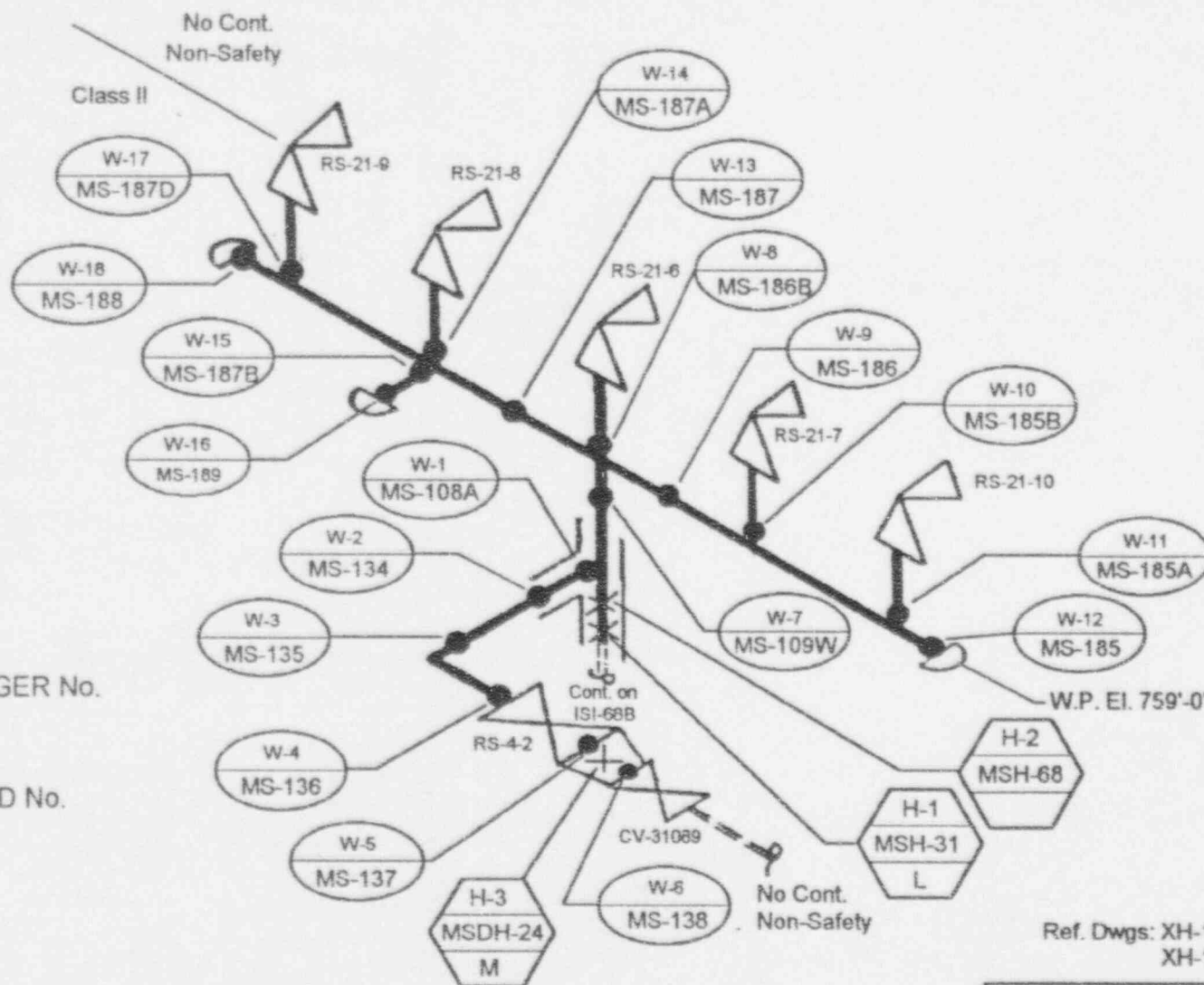


Cont. on ISI-68A

Main Steam Loop 'B'

Ref. Dwgs: XH-106-241
XH-106-280

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: A.J.	CHKD: mv APPD: CMK
SYSTEM: Main Steam	
LINE NO: 30-MS-2, 31-MS-2, 6-MS-5	
DWG NO: ISI-68B	REV: 2

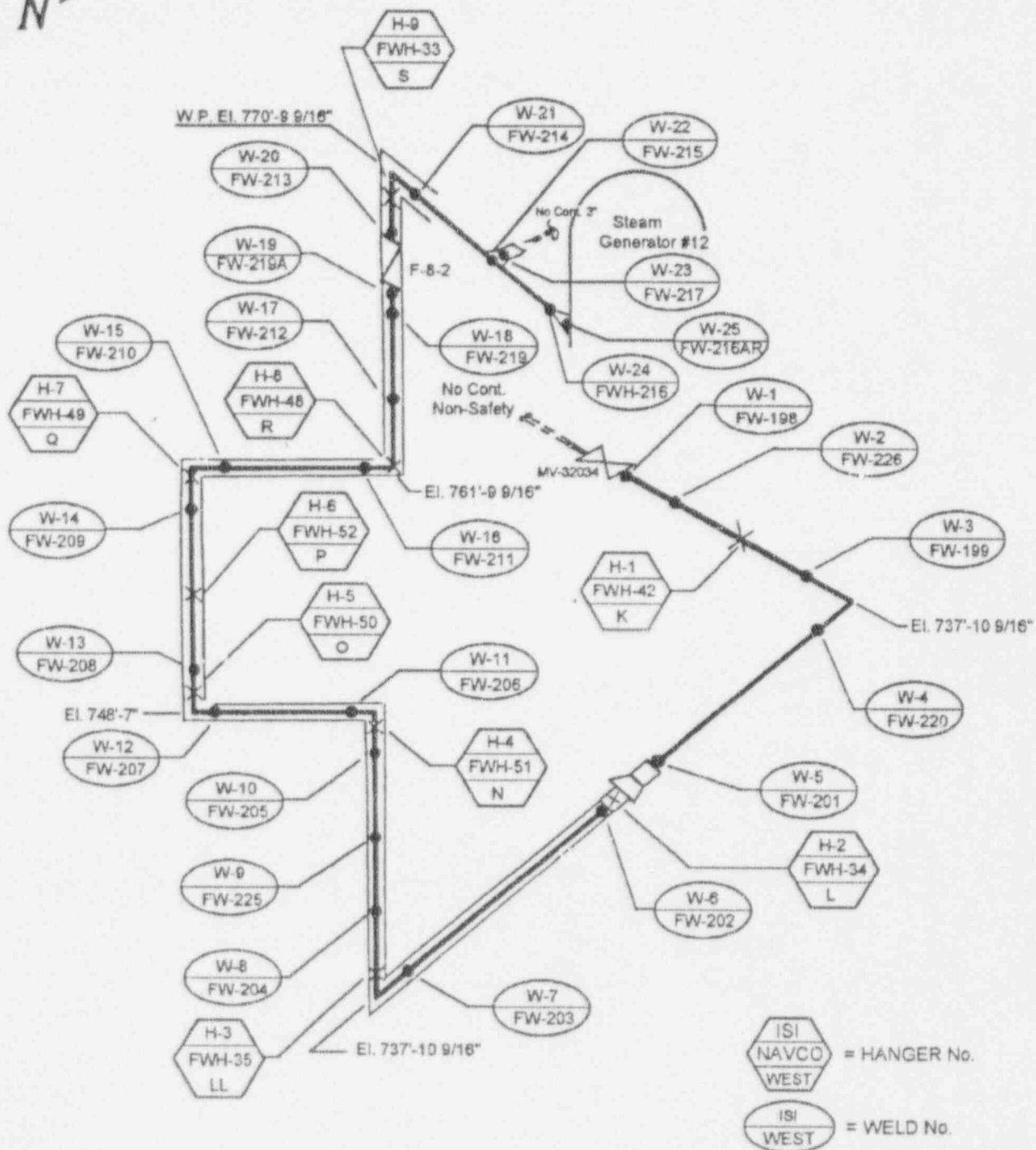
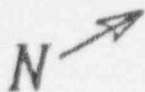


ISI
 NAVCO
 WEST = HANGER No.
 ISI
 WEST = WELD No.

Main Steam Loop 'B'

Ref. Dwgs: XH-106-241
 XH-106-280

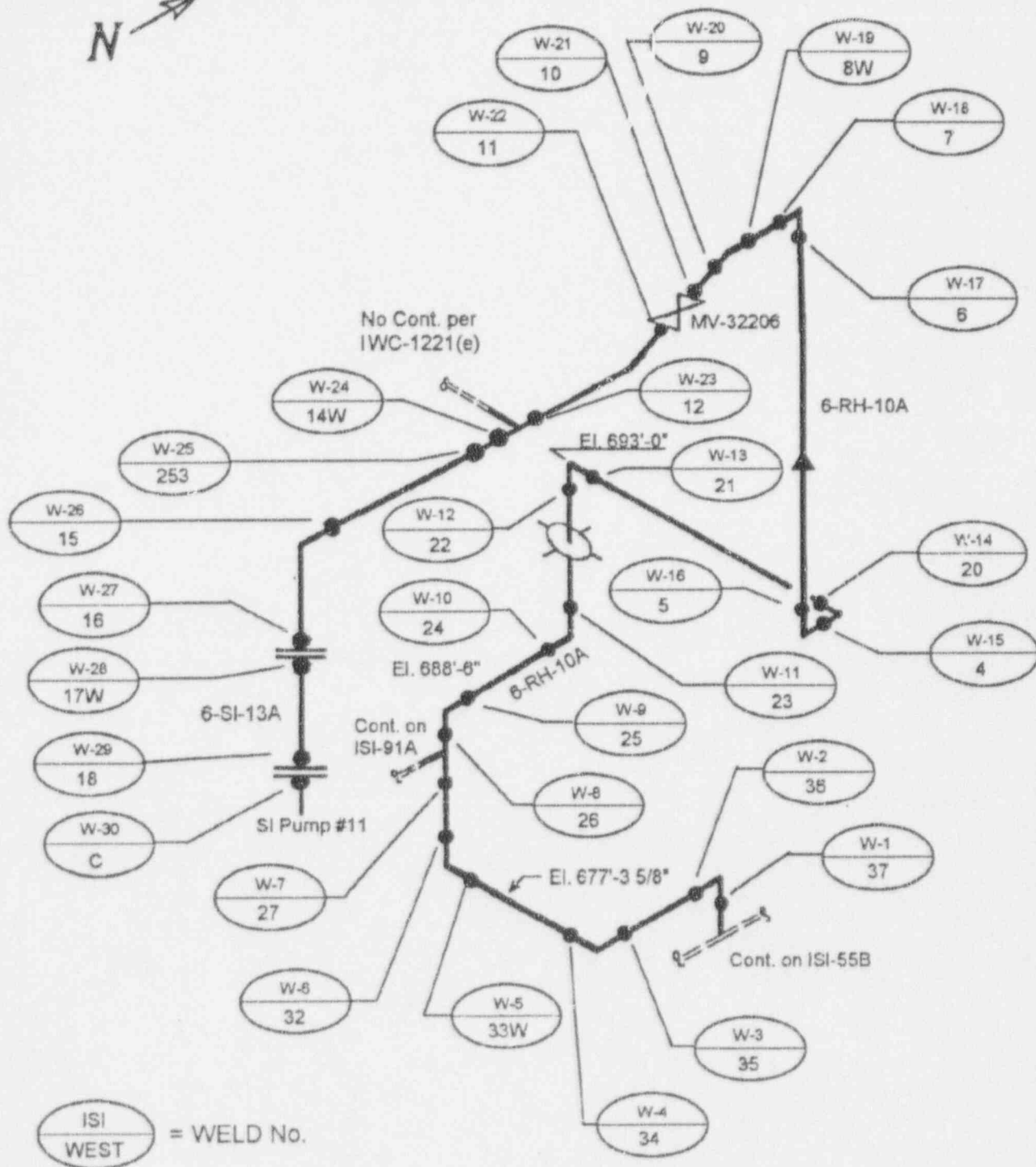
NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: A.J.	CHKD: M.V.	APPD: C.H.
SYSTEM: <u>Main Steam</u>		
LINE NO: <u>30-MS-2, 6-MS-2</u>		
DWG NO: <u>ISI-68C</u>	REV: <u>0</u>	



Feedwater Loop 'B'

Ref. Dwg. XH-106-130

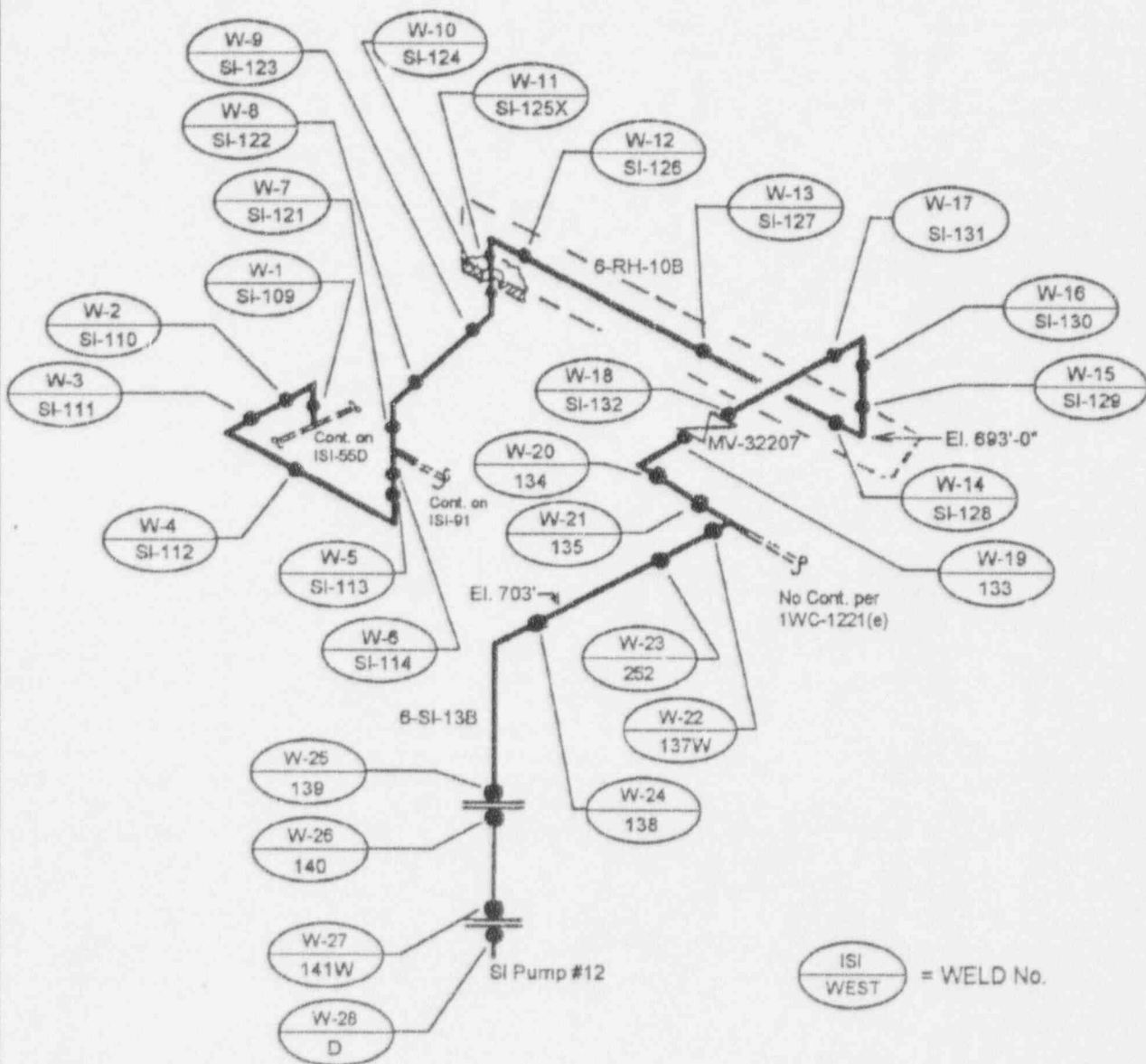
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>M.J.</i> CHKD: <i>MV</i> APPD: <i>CAK</i>	
SYSTEM: <u>Feedwater</u>	
LINE NO: <u>16-FW-16</u>	
DWG NO: <u>ISI-69</u>	REV: <u>0</u>



Ref. Dwg. XH-106-88

RHR Pump 'A' Discharge
Safety Injection Pump 'A' Suction

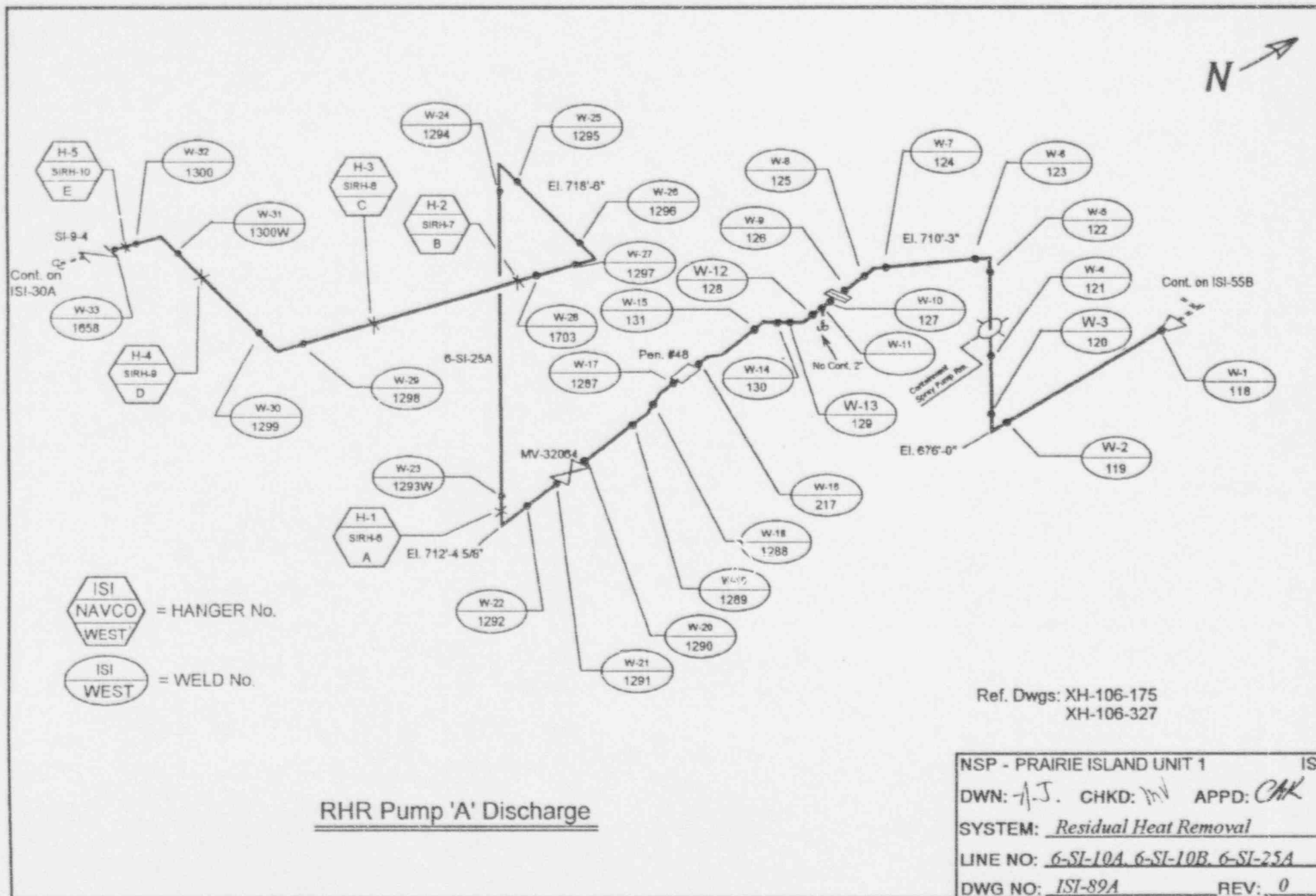
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>A.J.</i>	CHKD: <i>mv</i> APPD: <i>CH</i>
SYSTEM: <i>Residual Heat Removal, Safety Injection</i>	
LIVE NO: <i>6-RH-10A, 6-SI-13A</i>	
DWG NO: <i>ISI-83A</i>	REV: <i>0</i>

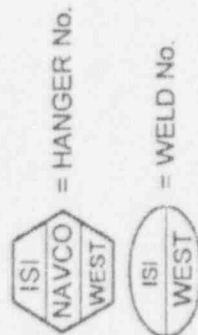
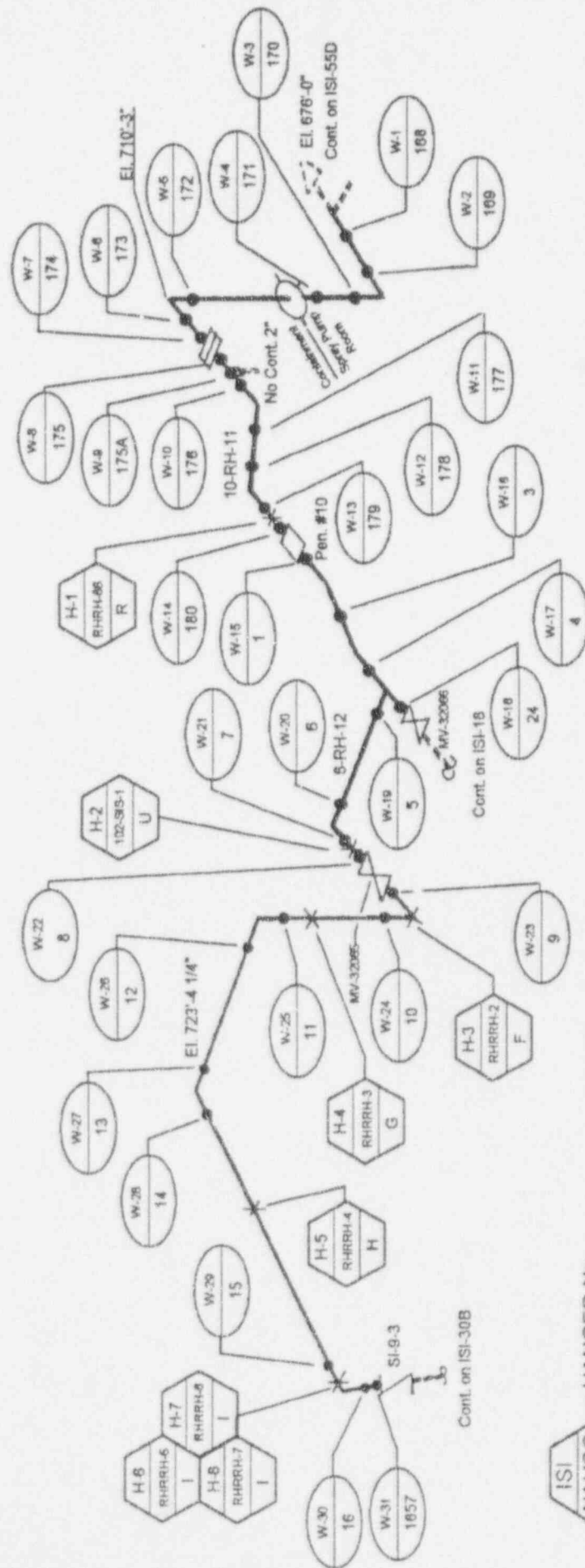


Ref. Dwg. XH-106-89

RHR Pump 'B' Discharge
Safety Injection Pump 'B' Suction

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>A.S.</i> CHKD: <i>m</i> APPD: <i>CM</i>	
SYSTEM: <i>Residual Heat Removal, Safety Injection</i>	
LINE NO: <i>6-RH-10B, 6-SI-13B</i>	
DWG NO: <i>ISI-83B</i>	REV: <i>0</i>

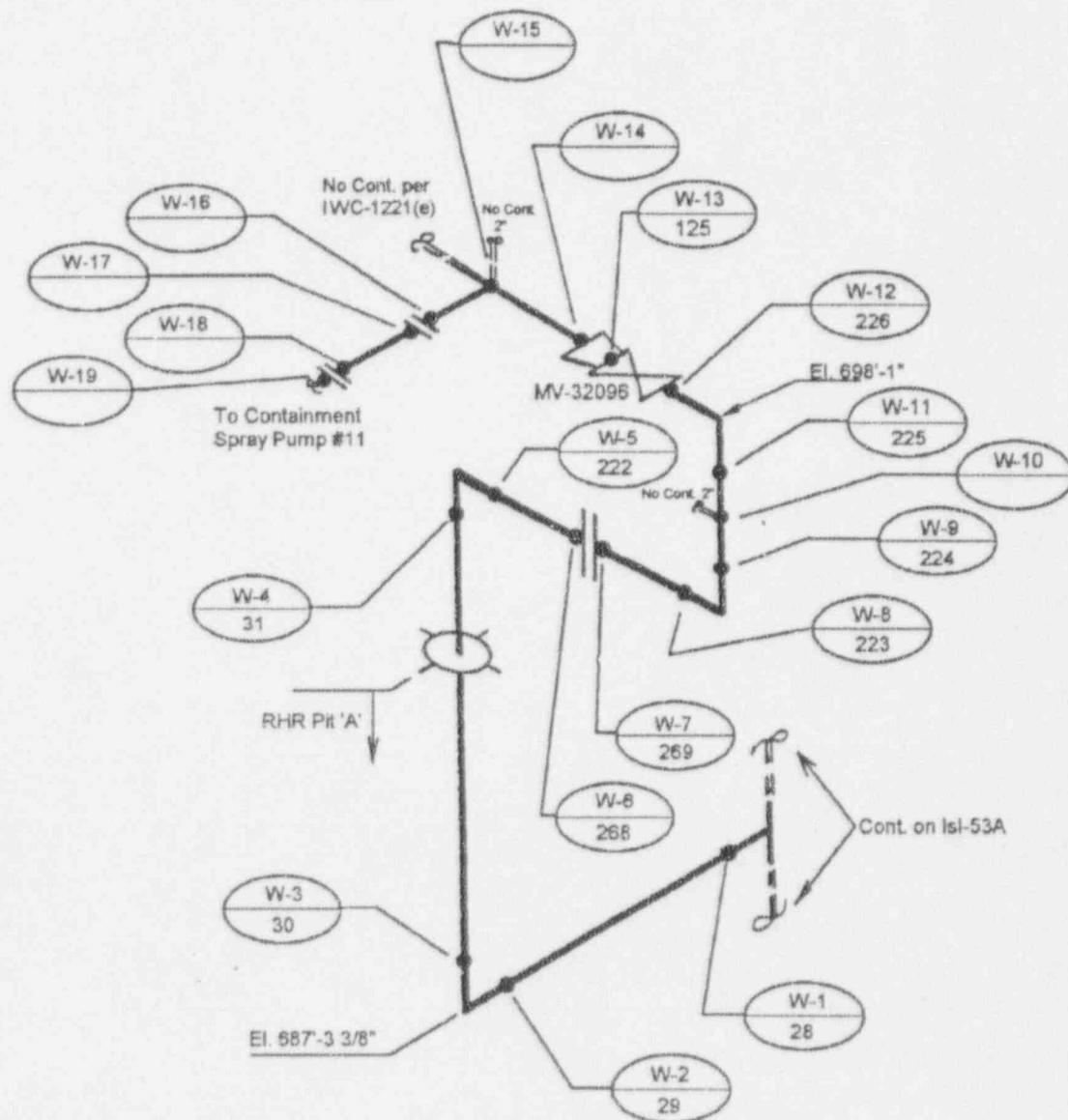
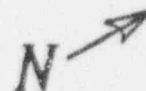




Ref. Dwg. XH-106-175

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>A.J.</i> CHKD: <i>MV</i> APPD: <i>CM</i>	
SYSTEM: <i>Residual Heat Removal</i>	
LINE NO: <i>6-RH-12, 10-RH-11</i>	
DWG NO: <i>ISI-89B</i>	REV: <i>0</i>

RHR Pump 'B' Discharge

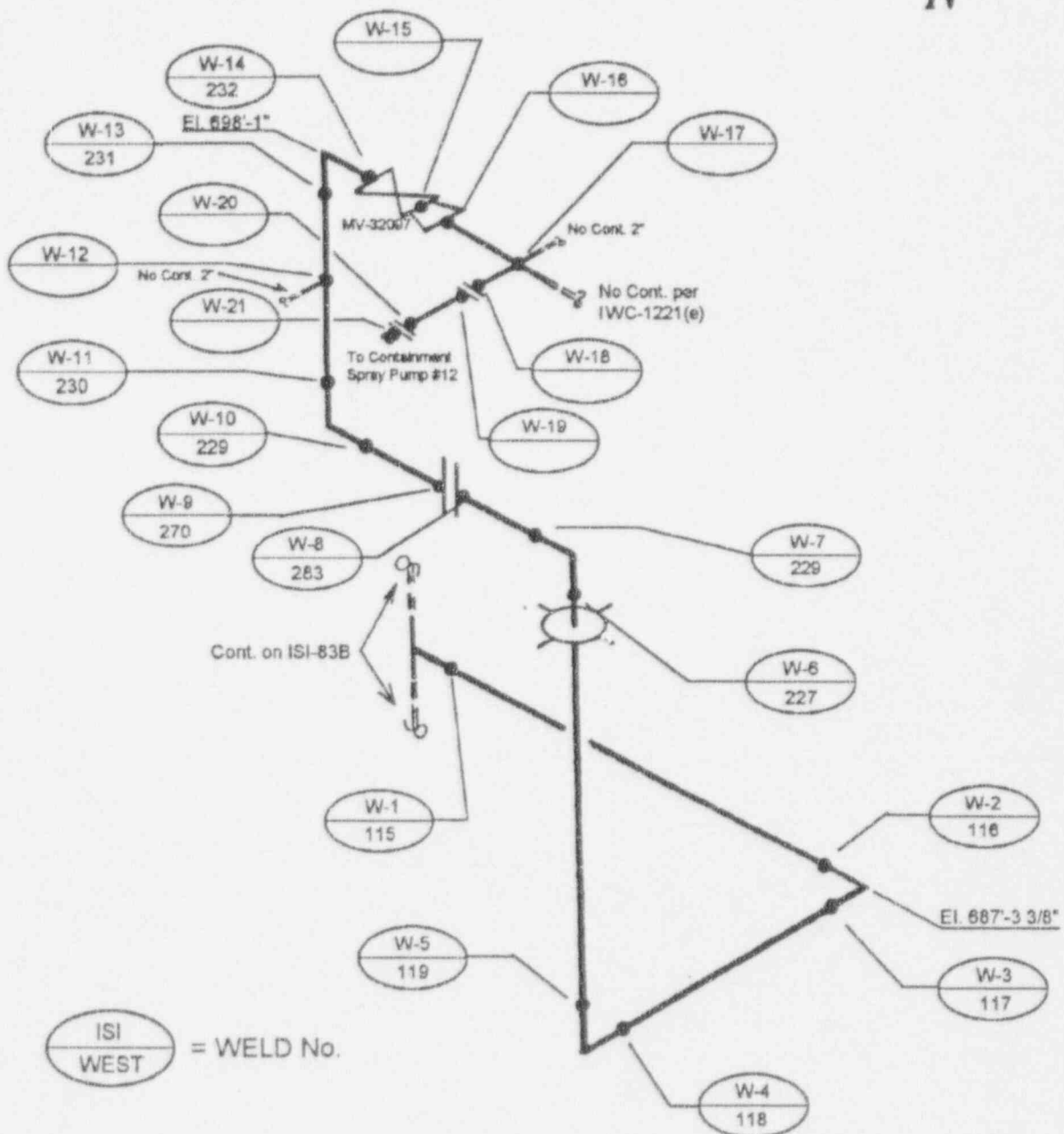


ISI
WEST = WELD No.

Ref. Dwg. XH-106-88

Alternate Containment
Spray Pump 11 Suction

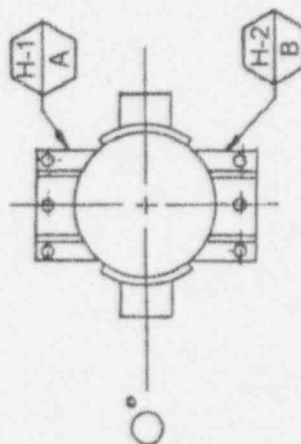
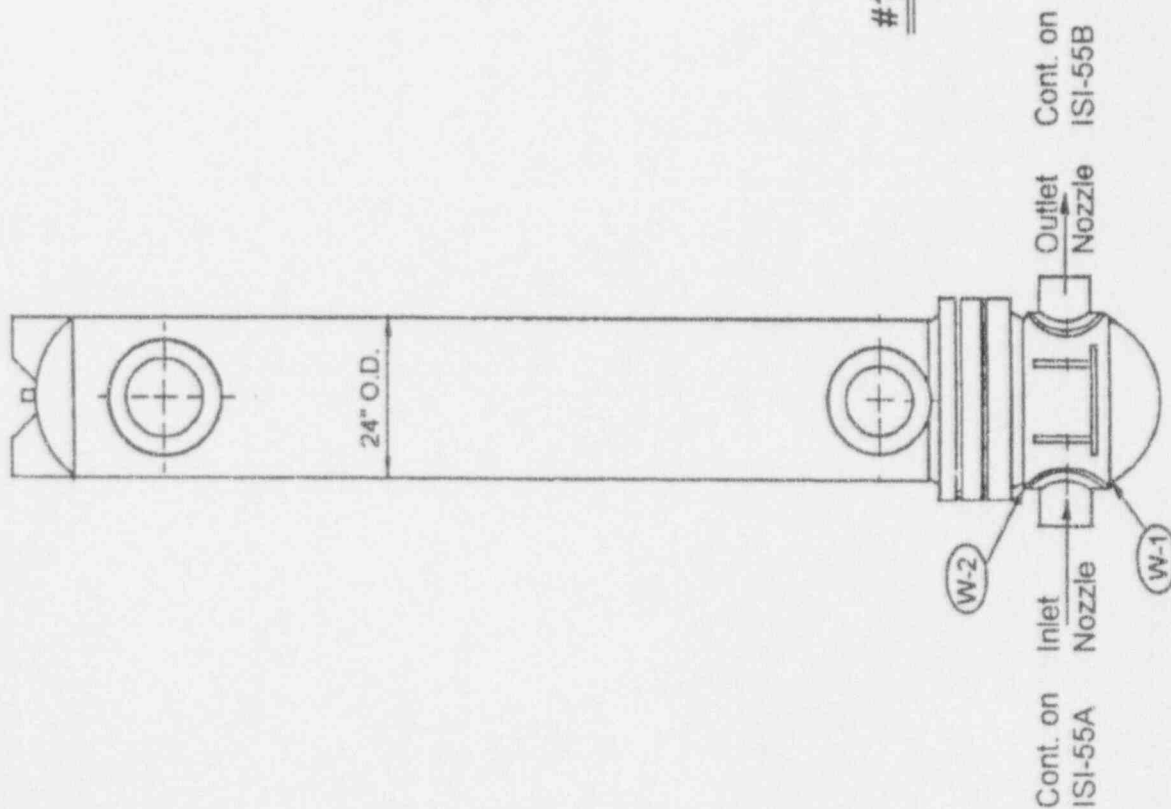
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: -A.J. CHKD: Jm APPD: <i>CAW</i>	
SYSTEM: <i>Containment Spray, Residual Heat Removal</i>	
LINE NO: <i>8-CS-4, 6-RH-10A</i>	
DWG NO: <i>ISI-91A</i>	REV: <i>0</i>



Alternate Containment
Spray Pump 12 Suction

Ref. Dwgs: XH-106-88
XH-106-89

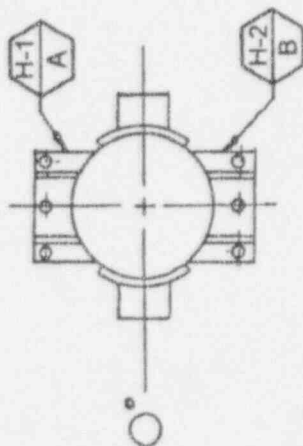
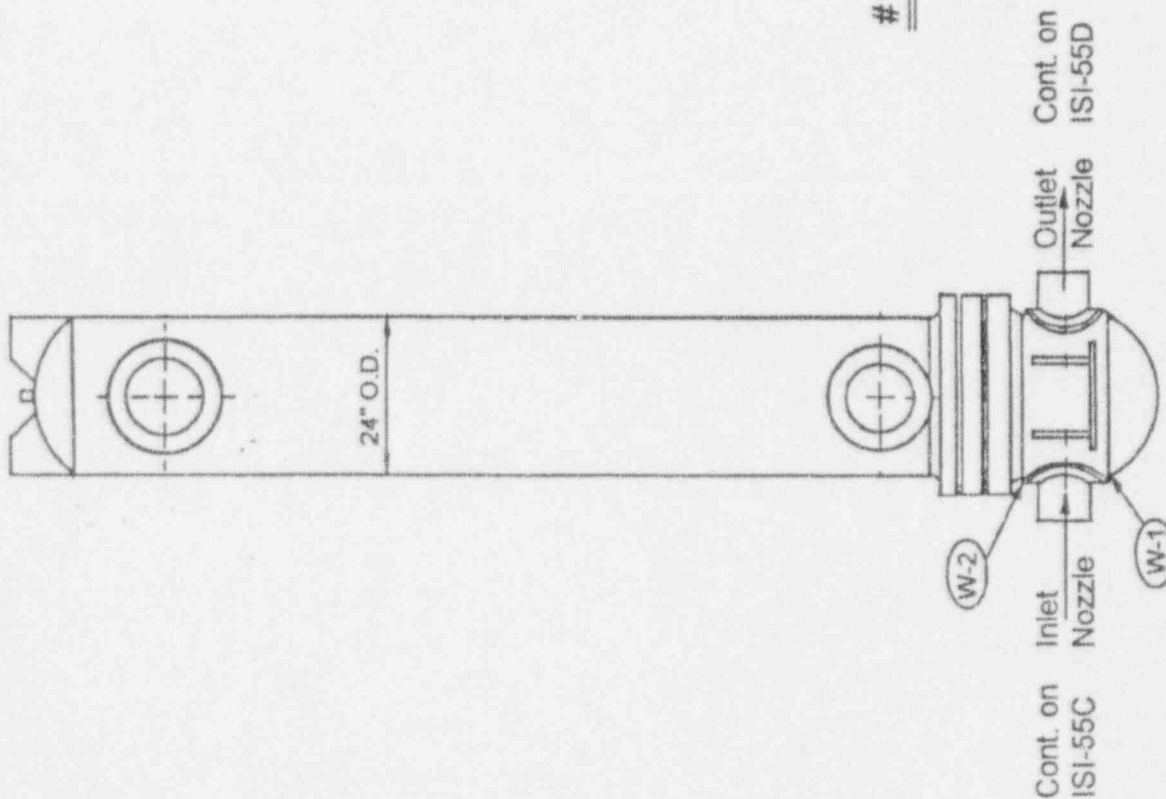
NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>A.J.</i> CHKD: <i>ph</i> ✓	APPD: <i>CAK</i>
SYSTEM: <i>Containment Spray, Residual Heat Removal</i>	
LINE NO: <i>8-CS-5, 6-RH-10B</i>	
DWG NO: <i>ISI-91B</i>	REV: <i>0</i>



Looking Down

#11 RHR Heat Exchanger

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>Mike</i> CHKD: <i>MV</i> APPD: <i>CHK</i>	
SYSTEM: <i>Residual Heat Removal</i>	
LINE NO: <i>NA</i>	
DWG NO: <i>ISI-93A</i>	REV: <i>0</i>

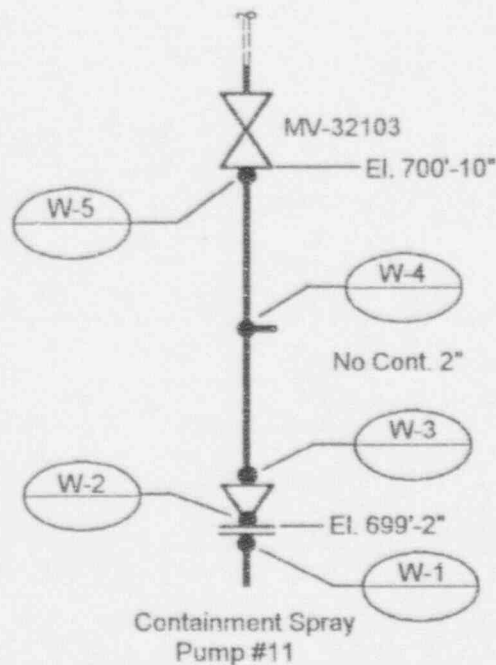


Looking Down

#12 RHR Heat Exchanger

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>WV</i> CHKD: <i>CHK</i>	APPD: <i>CHK</i>
SYSTEM: <i>Residual Heat Removal</i>	
LINE NO: <i>N/A</i>	
DWG NO: <i>ISI-93B</i>	REV: <i>0</i>

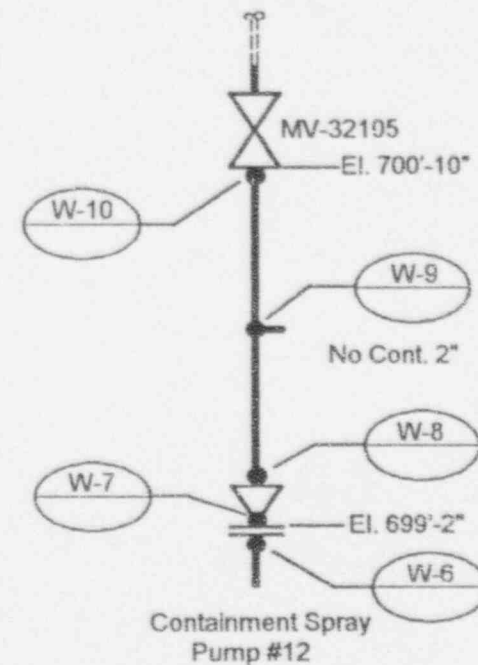
No Cont. Open



ISI = WELD No.

Containment Spray Pump Discharge

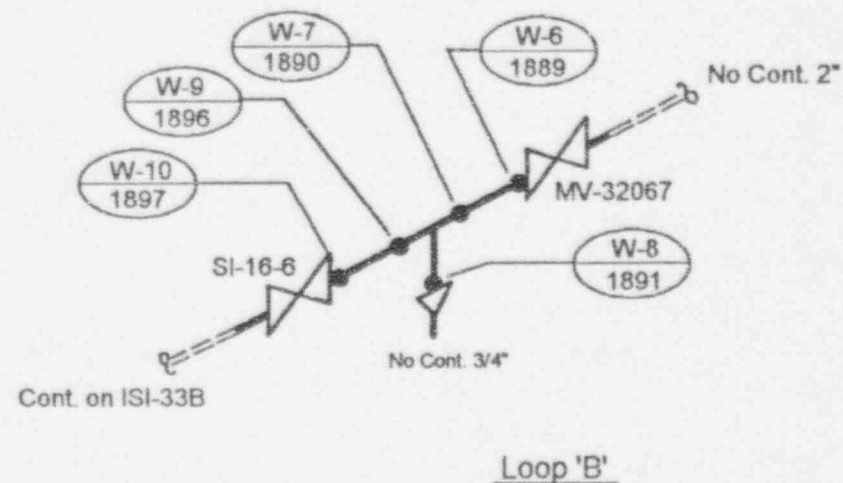
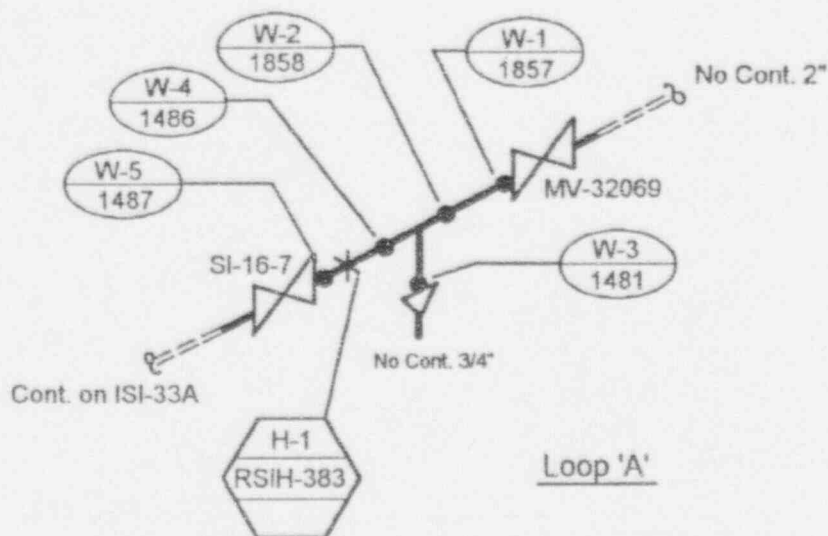
No Cont. Open



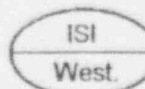
Ref. Dwg. XH-106-82

NSP - PRAIRIE ISLAND UNIT 1	ISI
DWN: <i>AS</i>	CHKD: <i>mv</i> APPD: <i>CHK</i>
SYSTEM: <i>Containment Spray</i>	
LINE NO: <i>6-CS-6, 6-CS-9</i>	
DWG NO: <i>ISI-96</i>	REV: <i>0</i>

N ↗



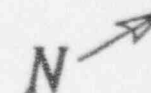
 = HANGER No.

 = WELD No.

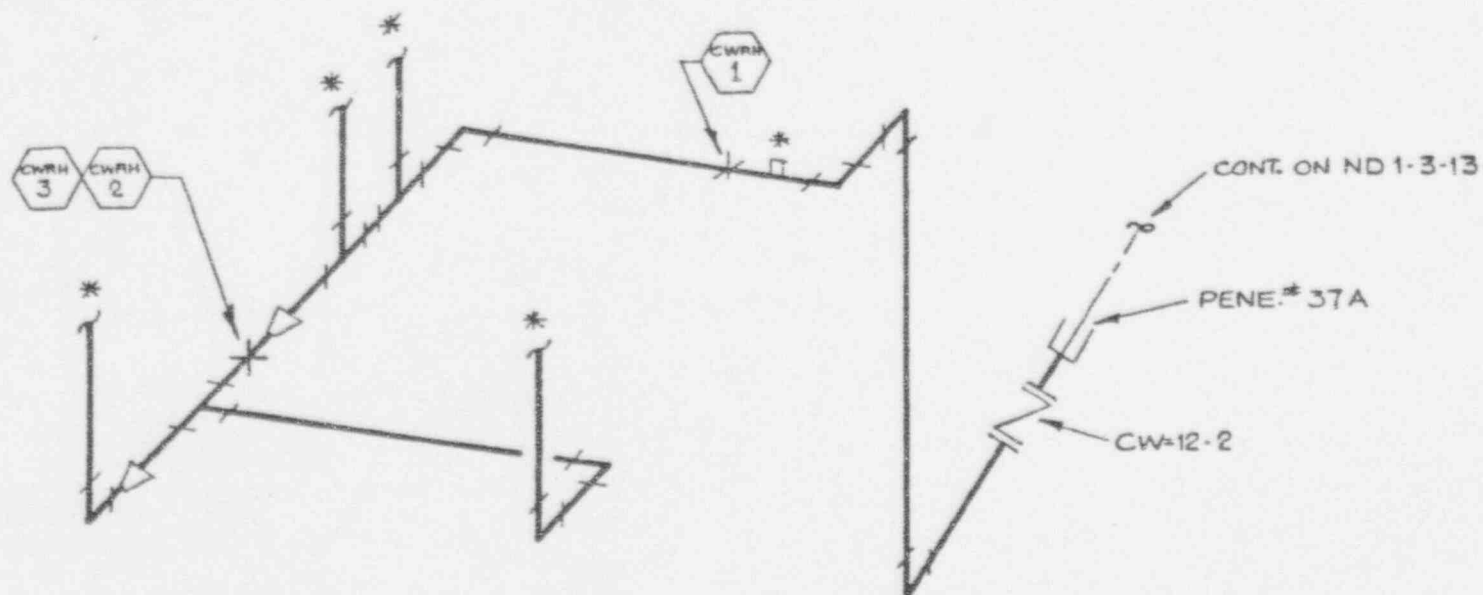
2" Reactor Vessel Safety Injection

Ref. Dwgs: XH-106-511
XH-106-4165

NSP - PRAIRIE ISLAND UNIT 1		ISI
DWN: <i>AS</i>	CHKD: <i>mv</i>	APPD: <i>CHK</i>
SYSTEM: <u>Safety Injection</u>		
LINE NO: <u>2-SI-23A, 2-SI-23B</u>		
DWG NO: <u>ISI-97</u>	REV: <u>0</u>	



CONTAINMENT
2ND FLOOR



○ = HANGER N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6710

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AS	CHKD: MV APPD: CH
SYSTEM: <u>Cooling Water</u>	
LINE NO: <u>8-CL-46</u>	
DWG NO: <u>ND-1-3-1</u>	REV: <u>2</u>

PENE. 37B

CONT. ON DWG. ND-1-3-13

CW-12-1

CONTAINMENT

CWRH 22

PLATFORM

CWRH 16

CWRH 24

545 A

1ST FLOOR

CWRH 30

CWRH 33

BASEMENT

CONT. ON ND-1-3-3

○ = HANGER N°

○ = WELD N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6709

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AS CHKD: MV APPD: *CM*

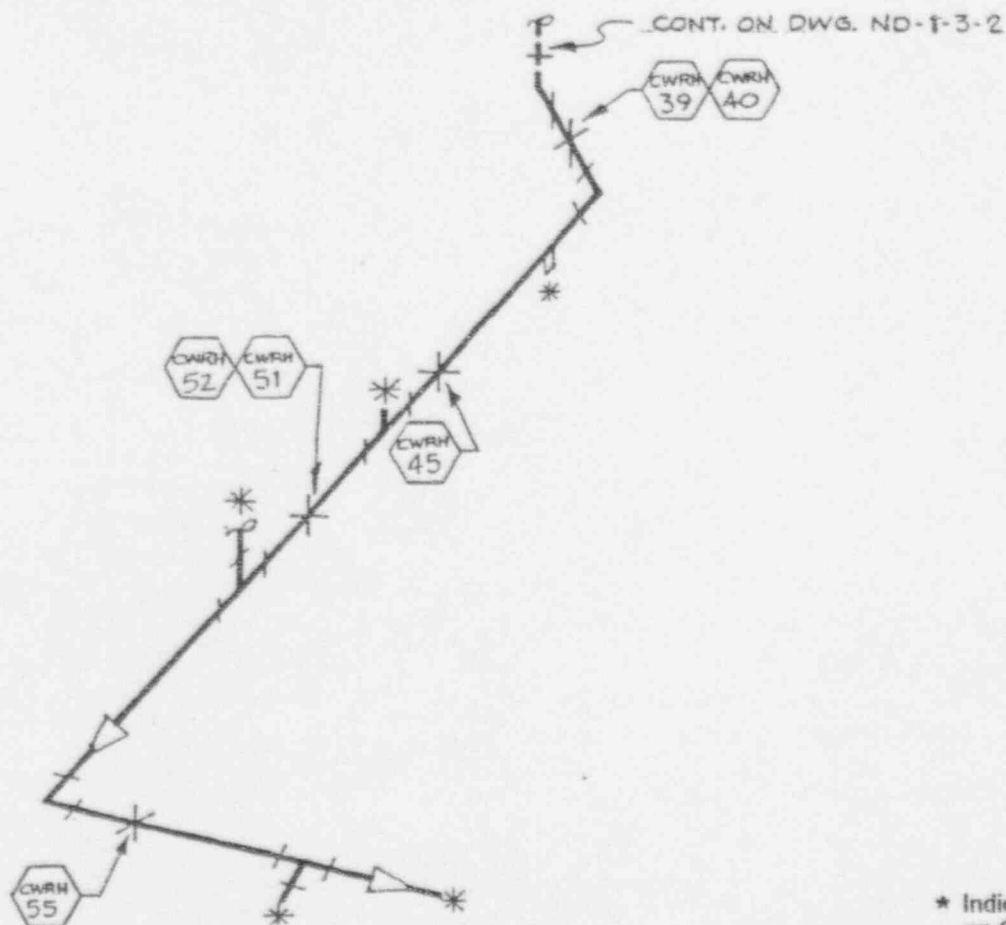
SYSTEM: *Cooling Water*

LINE NO: *8-CL-44*

DWG NO: *ND-1-3-2*

REV: *2*

CONTAINMENT
BASEMENT



⬡ = HANGER NO

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6709

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AS	CHKD: MV APPD: <i>CMC</i>
SYSTEM: <i>Cooling Water</i>	
LINE NO: <i>8-CL-44</i>	
DWG NO: <i>ND-1-3-3</i>	REV: <i>2</i>



CONT. ON. ND-1-3-21

CW-12-3
PENE. # 37C

CWRH 14

NEAR CEILING
OFF PLATFORM

CWRH 19
CWRH 18

PLATFORM

CWRH 26

BASEMENT

CWRH 31

CONT. ON DWG.
ND-1-3-5

HANGER N°

CONTAINMENT

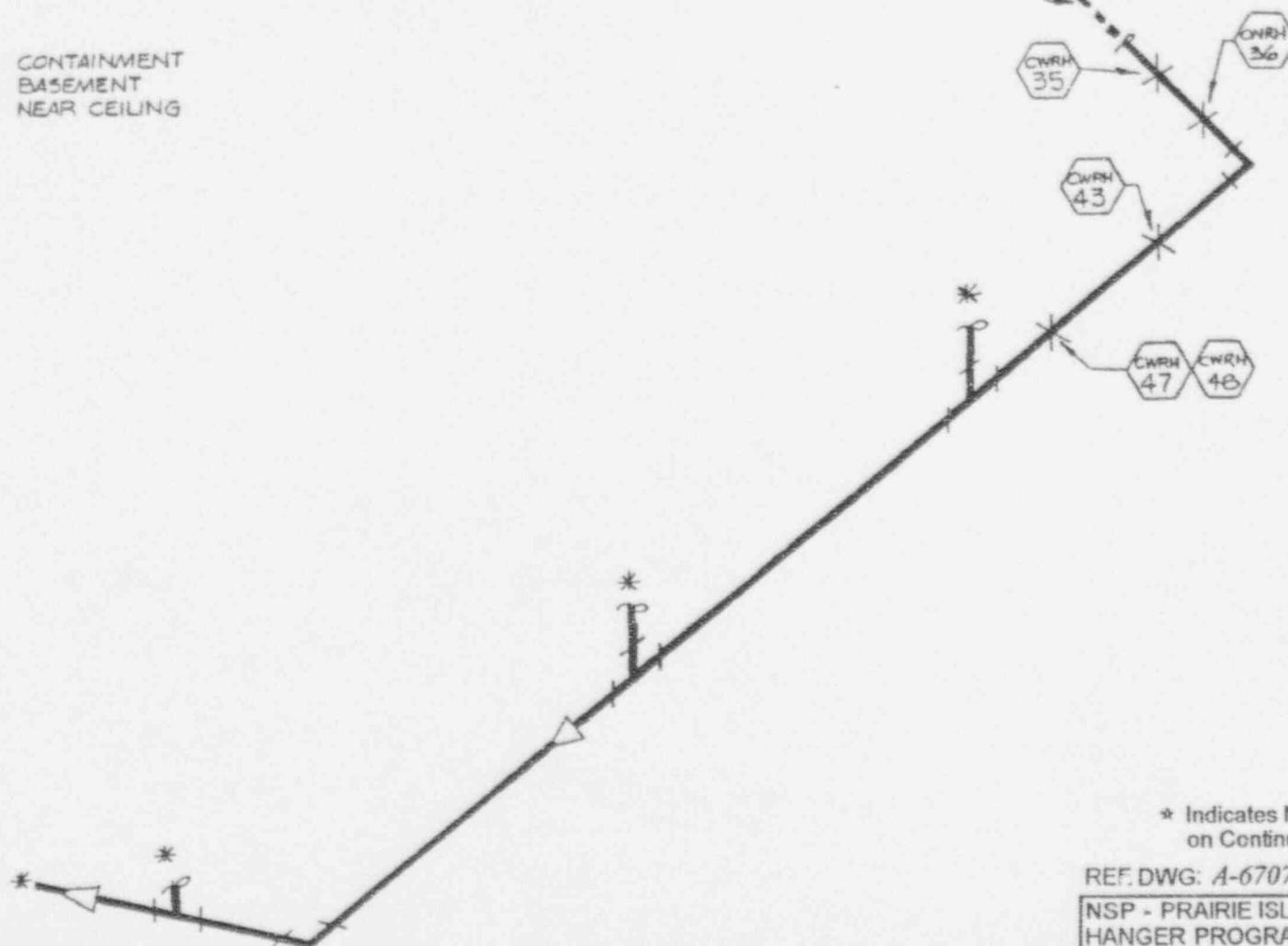
* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6707

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AS	CHKD: MV APPD: CM
SYSTEM: Cooling Water	
LINE NO: 8-CL-41	
DWG NO: ND-1-3-4	REV: 2

CONTAINMENT
BASEMENT
NEAR CEILING

CONT. ON DWG.
ND-1-3-4



○ = HANGER "N"

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6707

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

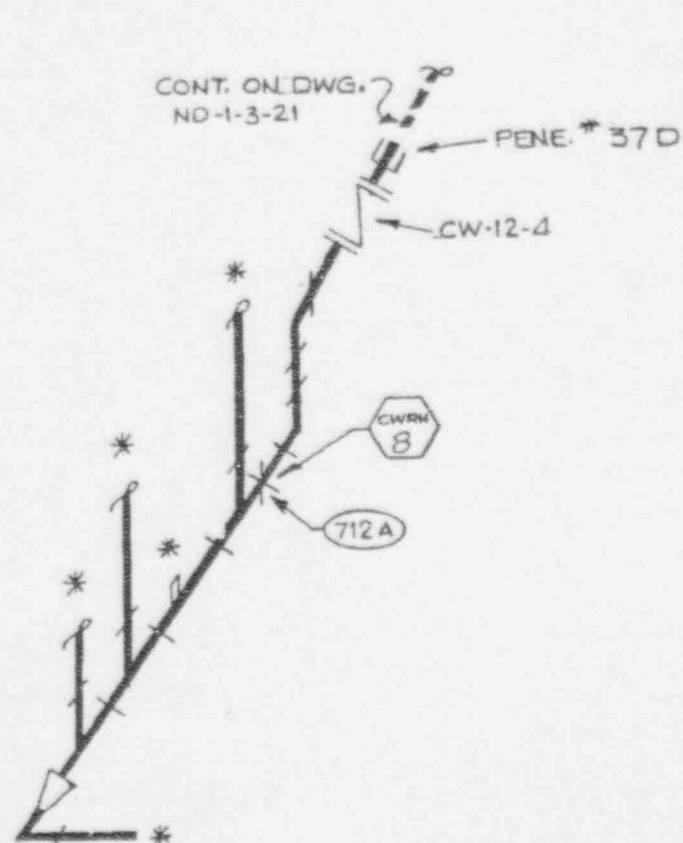
DWN: AS CHKD: MV APPD: *CM*

SYSTEM: Cooling Water

LINE NO: 8-CL-41

DWG NO: ND-1-3-5 REV: 2

CONTAINMENT
ABOVE PLATFORM 720'



⬡ = HANGER N°

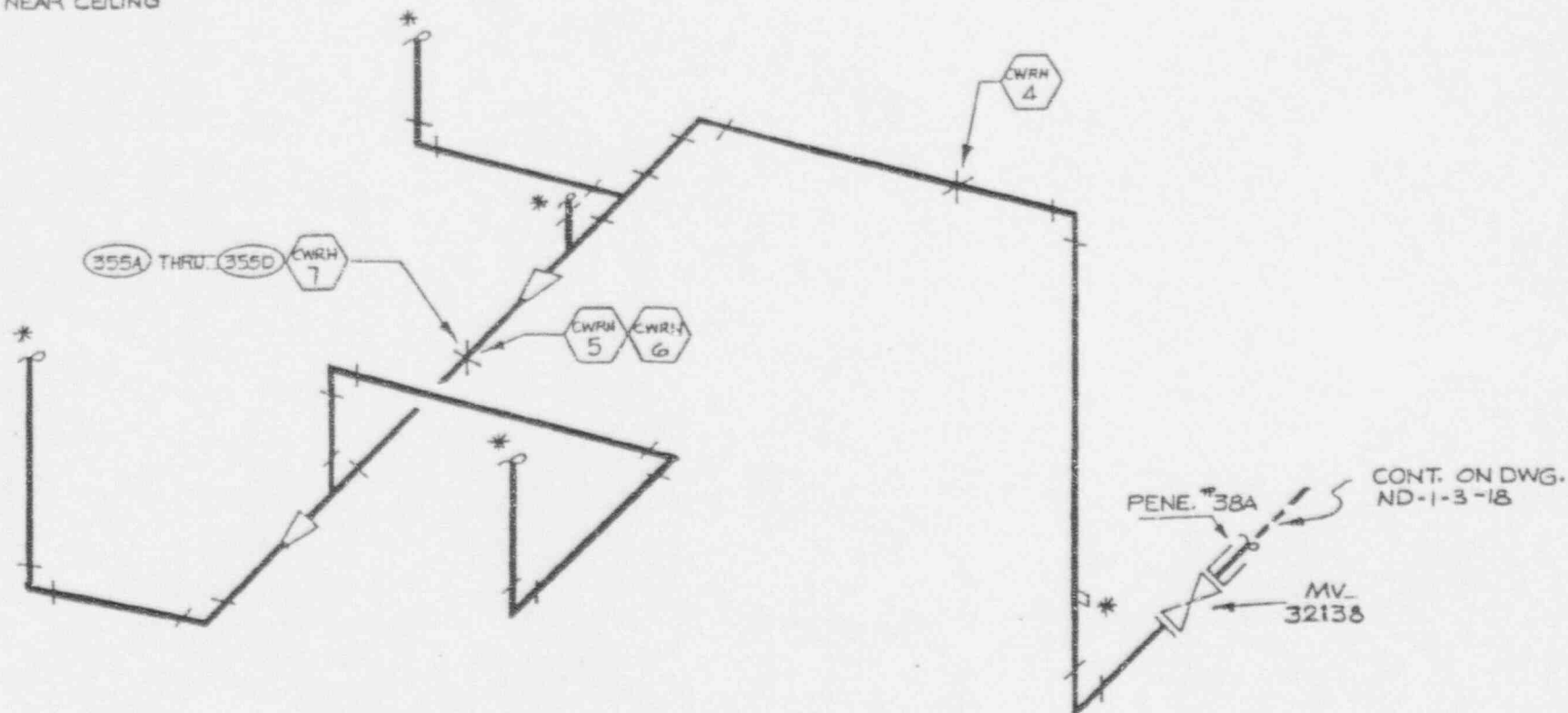
○ = WELD N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-7028

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: <i>CM</i>
SYSTEM: <i>Cooling Water</i>	
LINE NO: <i>8-CL-39</i>	
DWG NO: <i>ND-1-3-6</i>	REV: <i>2</i>

CONTAINMENT
2ND FLOOR
NEAR CEILING



* Indicates No Supports Required
on Continuation Drawing

⬡ = HANGER N°

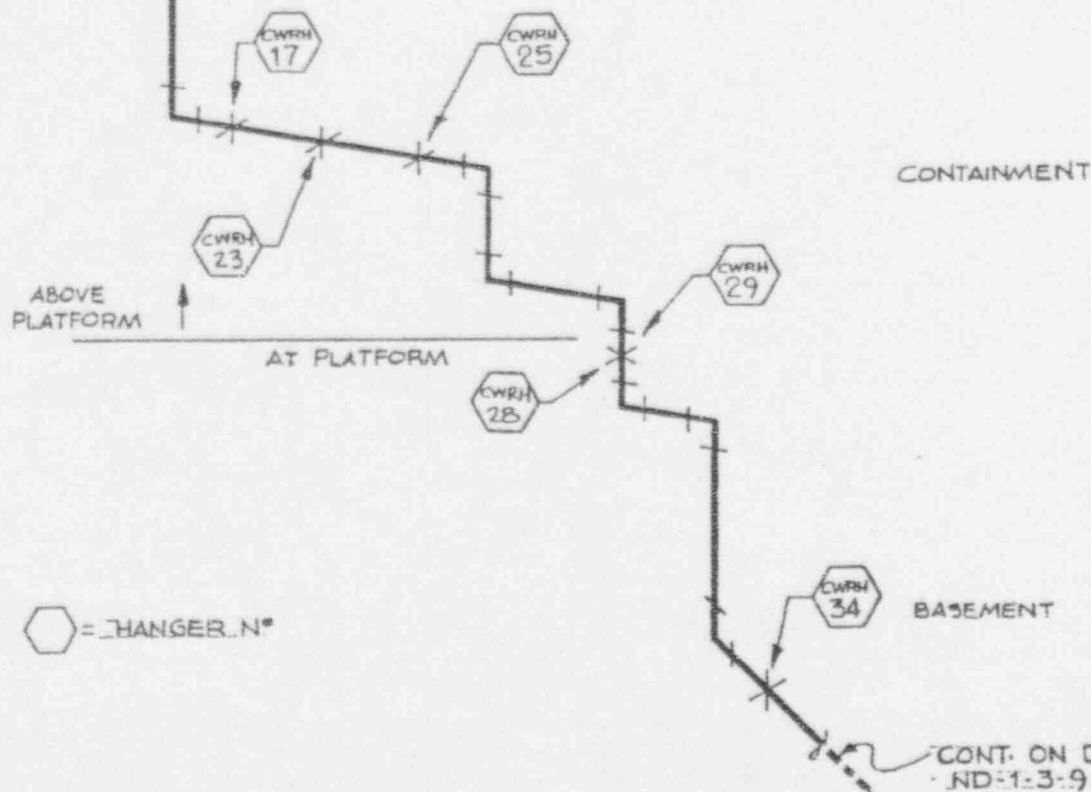
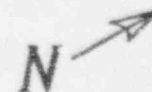
○ = WELD N°

REF. DWG: A-6706

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AS	CHKD: MV APPD: <i>CM</i>
SYSTEM: <u>Cooling Water</u>	
LINE NO: <u>8-CL-52</u>	
DWG NO: <u>ND-1-3-7</u>	REV: <u>2</u>

PENE. 38B
MV
32132

CONT. ON DWG.
ND-1-3-18



○ = HANGER N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6705

NSP - PRAIRIE ISLAND UNIT 1
HANGER PROGRAM CODE CLASS 3

DWN: AS CHKD: MV APPD: CML

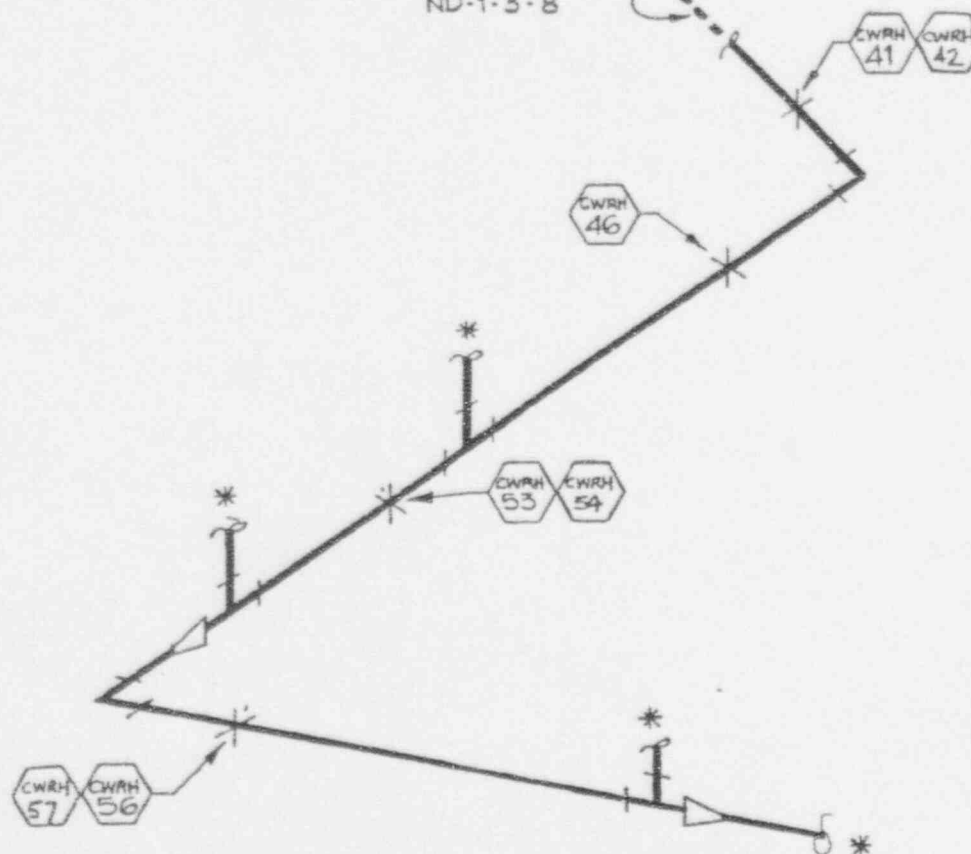
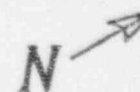
SYSTEM: Cooling Water

LINE NO: 8-CL-55

DWG NO: ND-1-3-8 REV: 2

CONTAINMENT
BASEMENT

CONT. ON DWG.
ND-1-3-8



 = HANGER NO

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6705

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

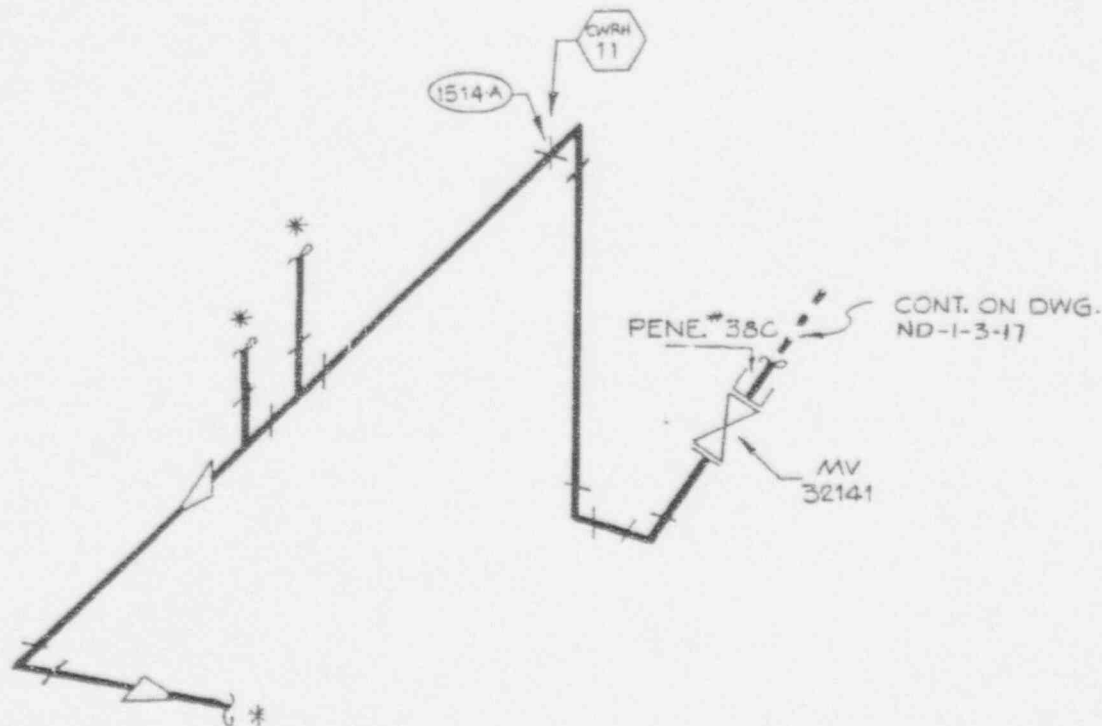
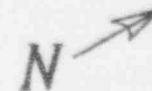
DWN: AS CHKD: MV APPD: CM

SYSTEM: Cooling Water

LINE NO: 8-CL-55

DWG NO: ND-1-3-9 REV: 2

CONTAINMENT
ABOVE PLATFORM 720'



⬡ = HANGER N°

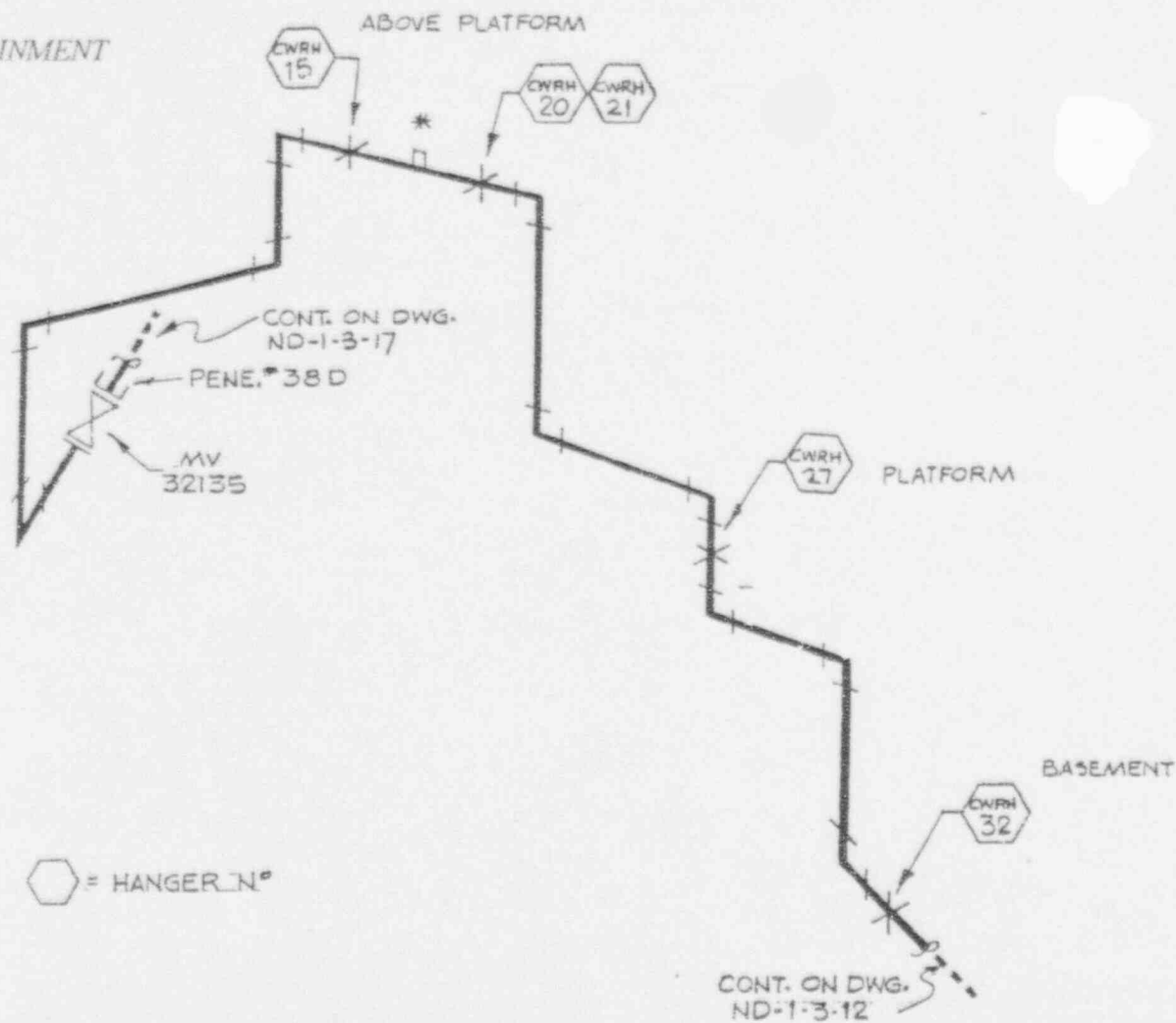
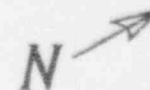
○ = WELD N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-7027

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: <i>CMC</i>
SYSTEM: <u>Cooling Water</u>	
LINE NO: <u>8-CL-48</u>	
DWG NO: <u>ND-1-3-10</u>	REV: <u>2</u>

CONTAINMENT



* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6704

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AS	CHKD: MV APPD: CMK
SYSTEM: Cooling Water	
LINE NO: 8-CL-50	
DWG NO: ND-1-3-11	REV: 2



CONTAINMENT
BASEMENT

CONT. ON DWG.
ND-1-3-11

CWRH 37 CWRH 38

CWRH 44

CWRH 49 CWRH 50

⬡ = HANGER N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6704

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

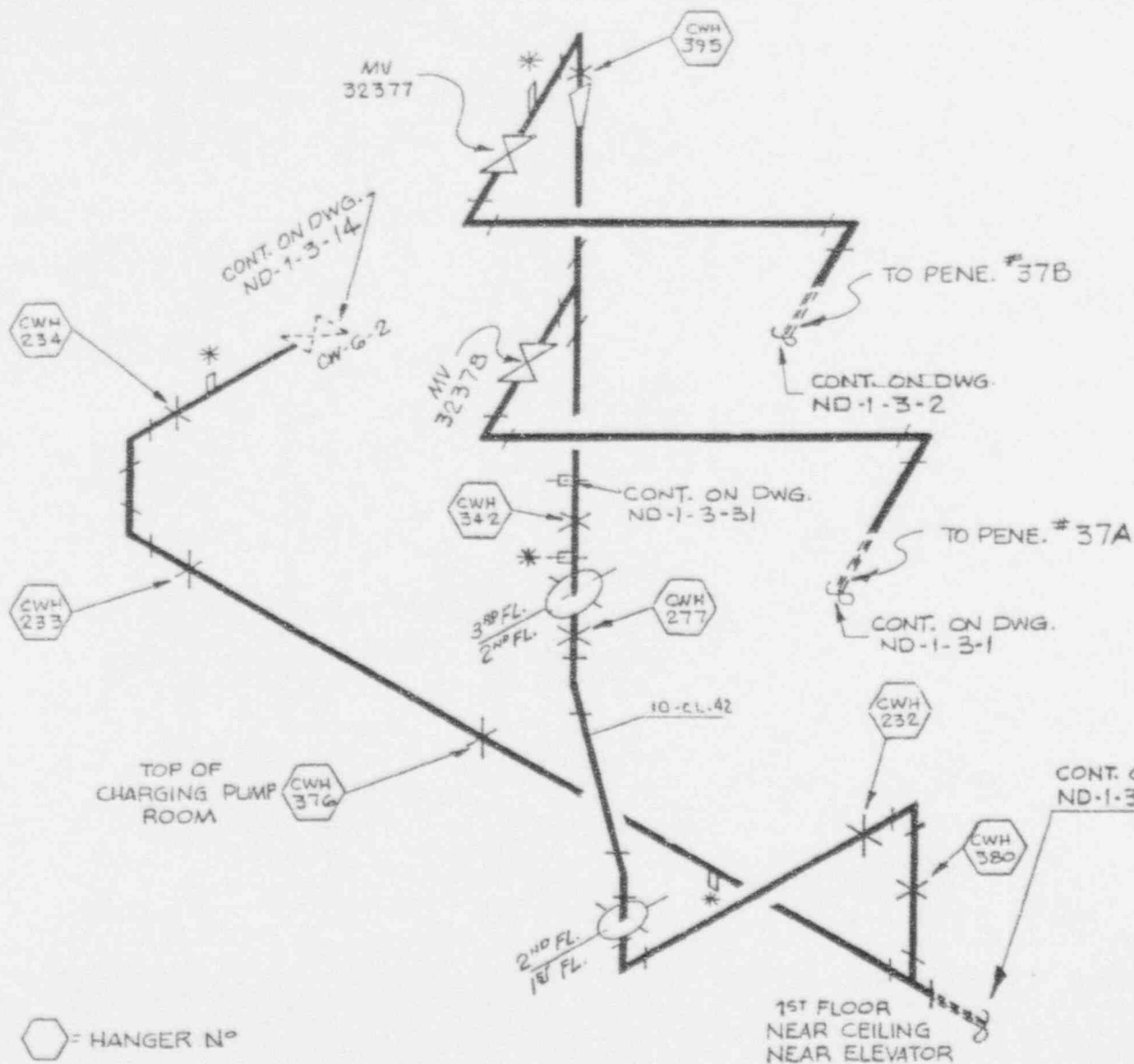
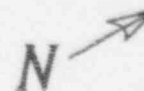
DWN: AJ CHKD: MV APPD: *CM*

SYSTEM: Cooling Water

LINE NO: 8-CL-50

DWG NO: ND-1-3-12

REV: 2



* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6646

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AJ CHKD: MV APPD: *CMC*

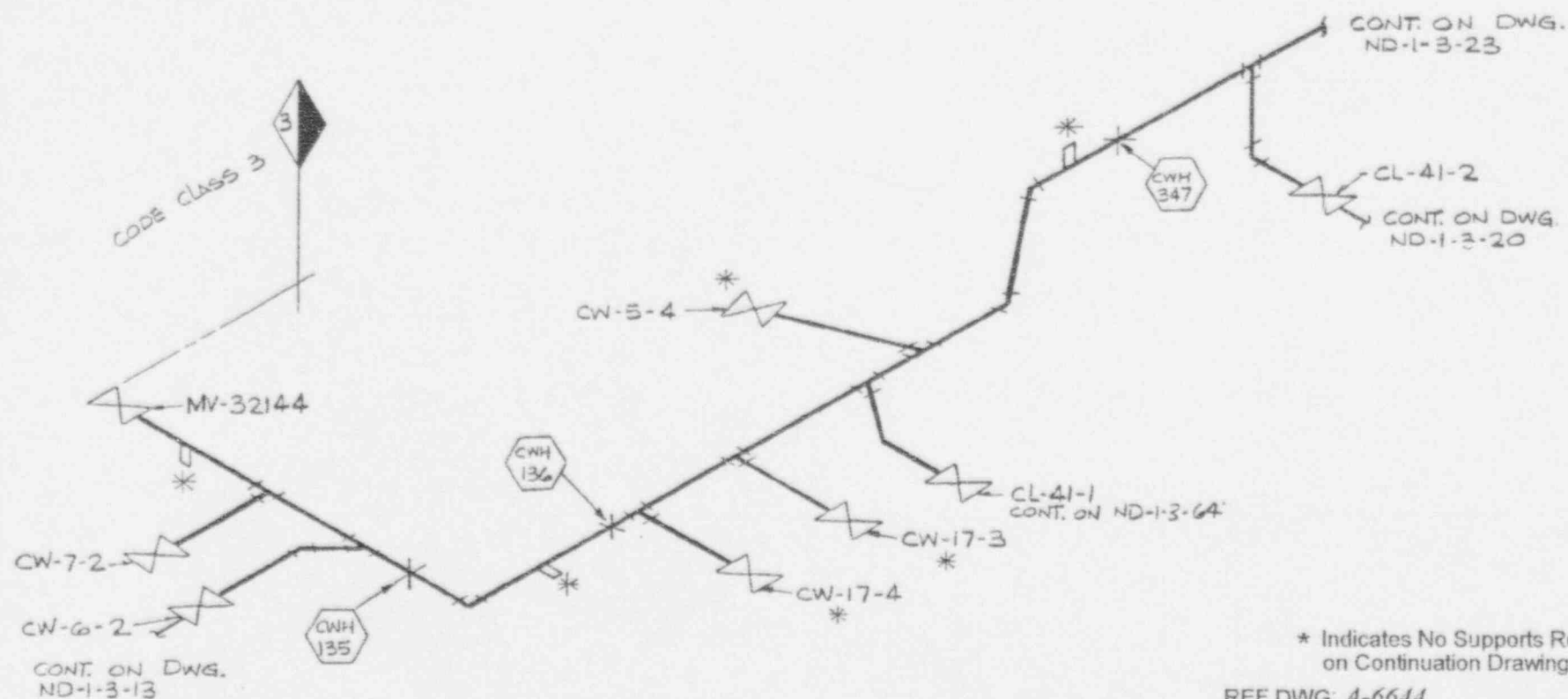
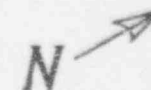
SYSTEM: Cooling Water

LINE NO: 8-CL-42

DWG NO: ND-1-3-13

REV: 2

AUX. BLDG.
1ST FLR.
NEAR COMP COOLING
HT. EXCH.



⬡ = HANGER NO

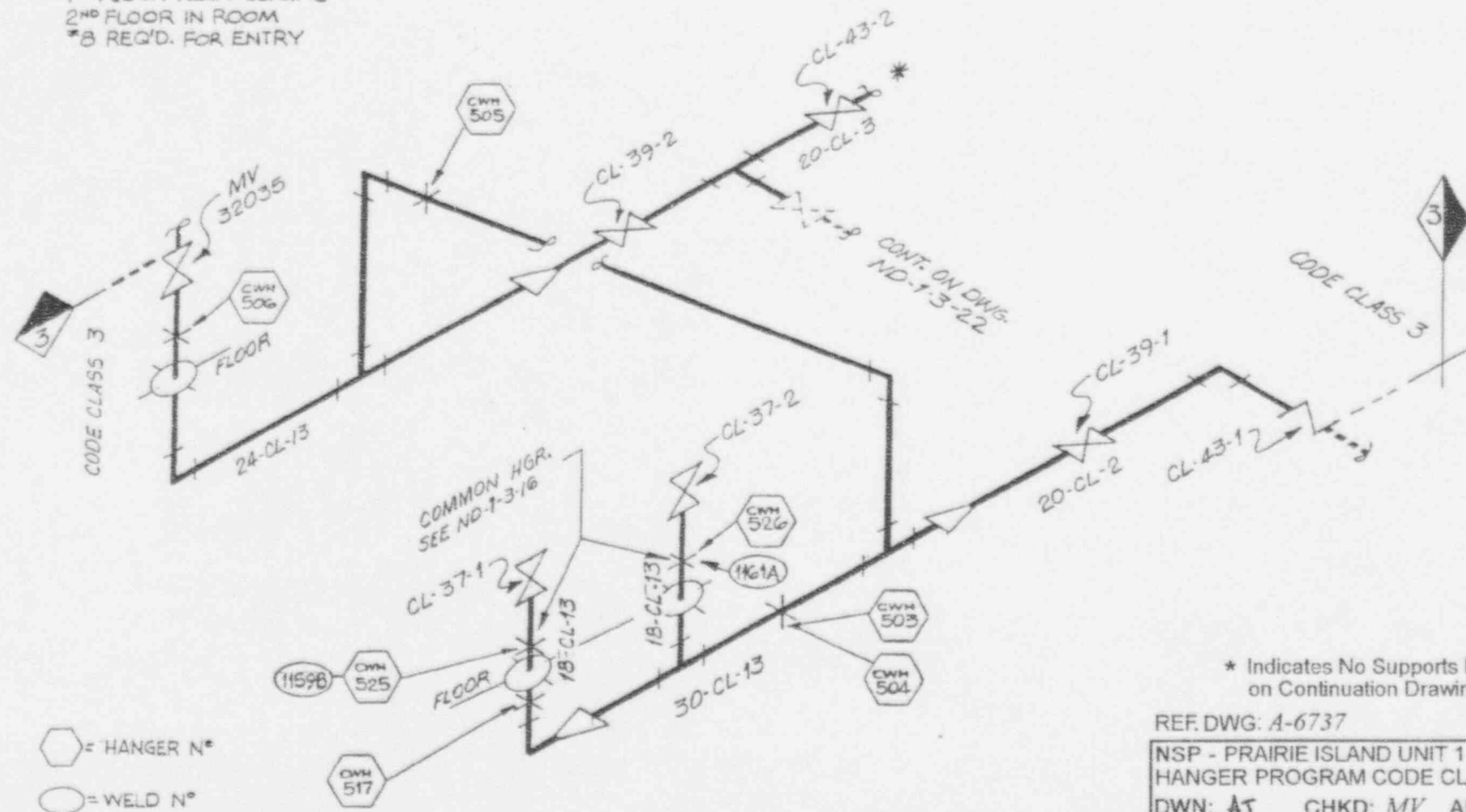
* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6644

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: <i>AS</i>	CHKD: <i>MV</i> APPD: <i>CM</i>
SYSTEM: <i>Cooling Water</i>	
LINE NO: <i>24-CL-20</i>	
DWG NO: <i>ND-1-3-14</i>	REV: <i>2</i>




SCREEN HOUSE
1ST FLOOR NEAR CEILING
2ND FLOOR IN ROOM
*B REG'D. FOR ENTRY

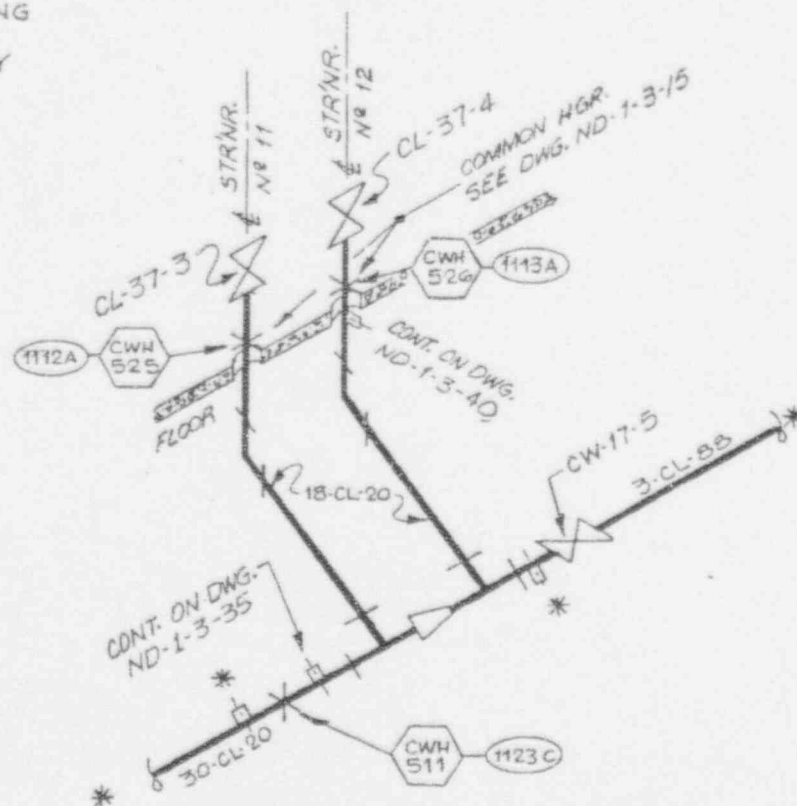




* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6737

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: <i>AS</i>	CHKD: <i>MV</i> APPD: <i>CMK</i>
SYSTEM: <i>Cooling Water</i>	
LINE NO: <i>As Noted</i>	
DWG NO: <i>ND-1-3-15</i>	REV: <i>2</i>

N 



 = HANGER NO
 = WELD NO

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6739

NSP - PRAIRIE ISLAND UNIT 1 ISI

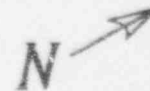
HANGER PROGRAM CODE CLASS 3

DWN: ATJ CHKD: MV APPD: CMSYSTEM: Cooling Water

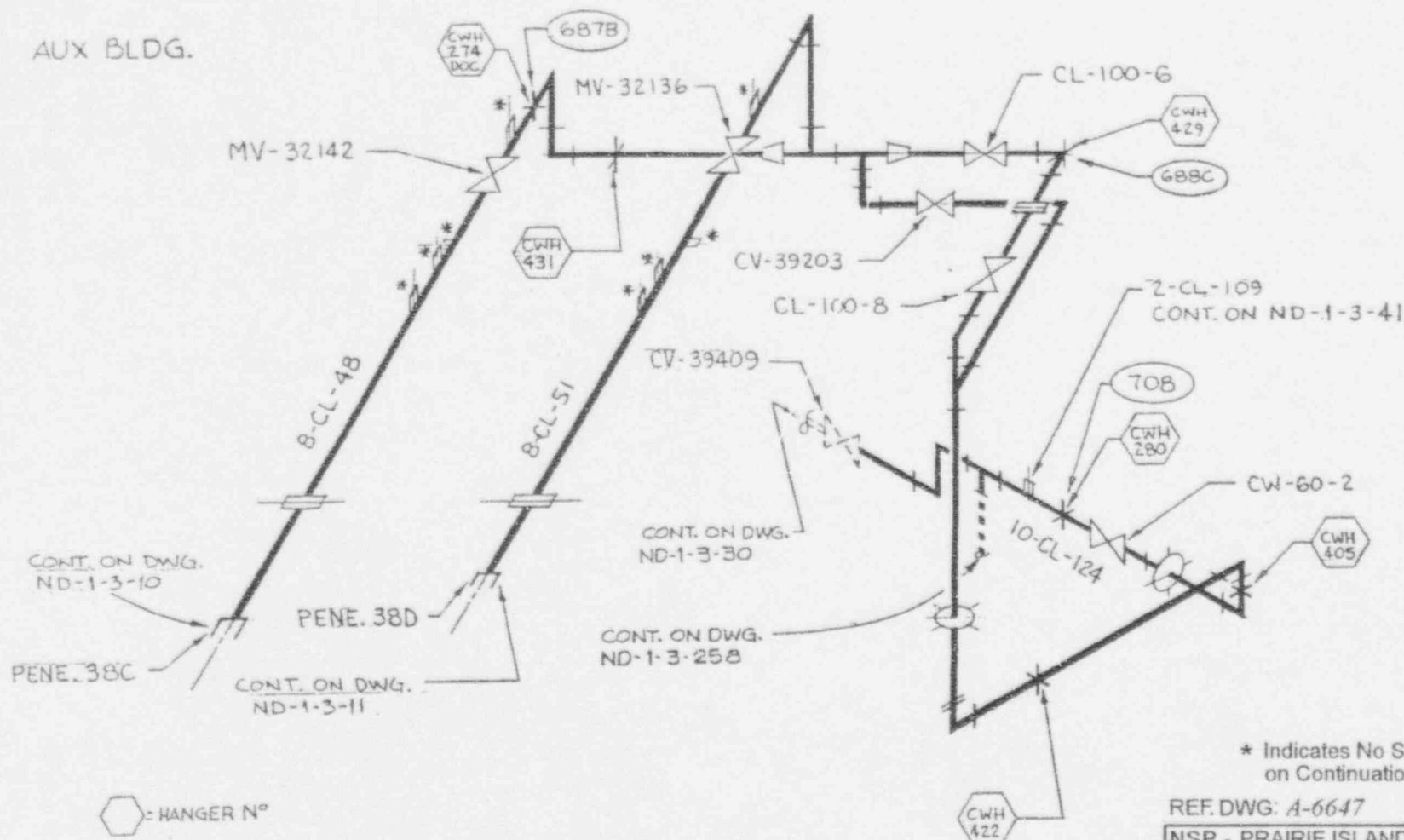
LINE NO: As Noted

DWG NO: ND-1-3-16

REV: 2



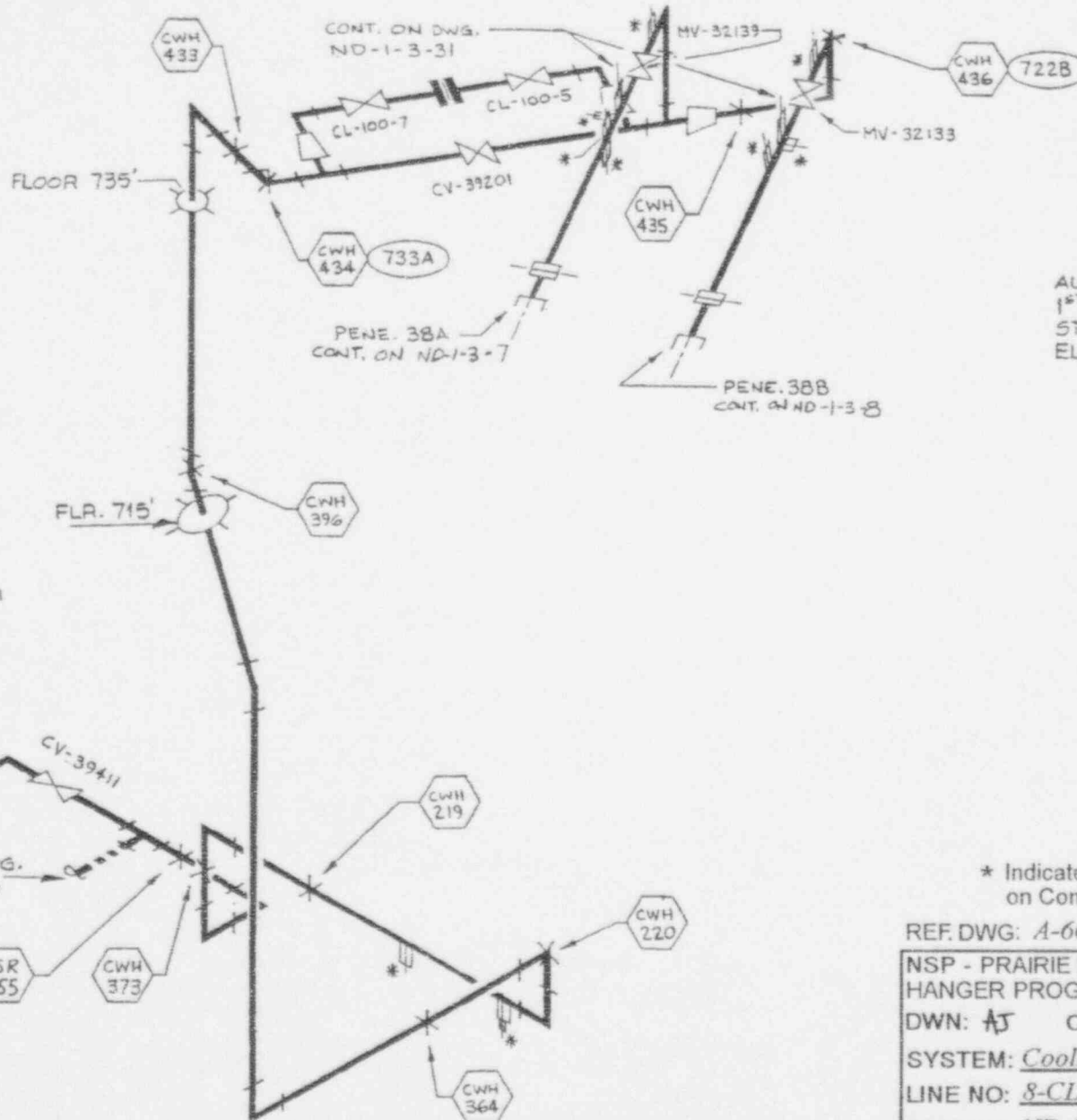
AUX BLDG.



⬡ = HANGER N°
○ = WELD N°

REF. DWG: A-6647

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AS	CHKD: MV APPD: CM
SYSTEM: Cooling Water	
LINE NO: As Noted	
DWG NO: ND-1-3-17	REV: 2



AUX. BLDG.
1ST & 2ND FLOOR
STRAIGHT OUT FROM
ELEVATOR

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6647

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AS CHKD: MV APPD: CMH

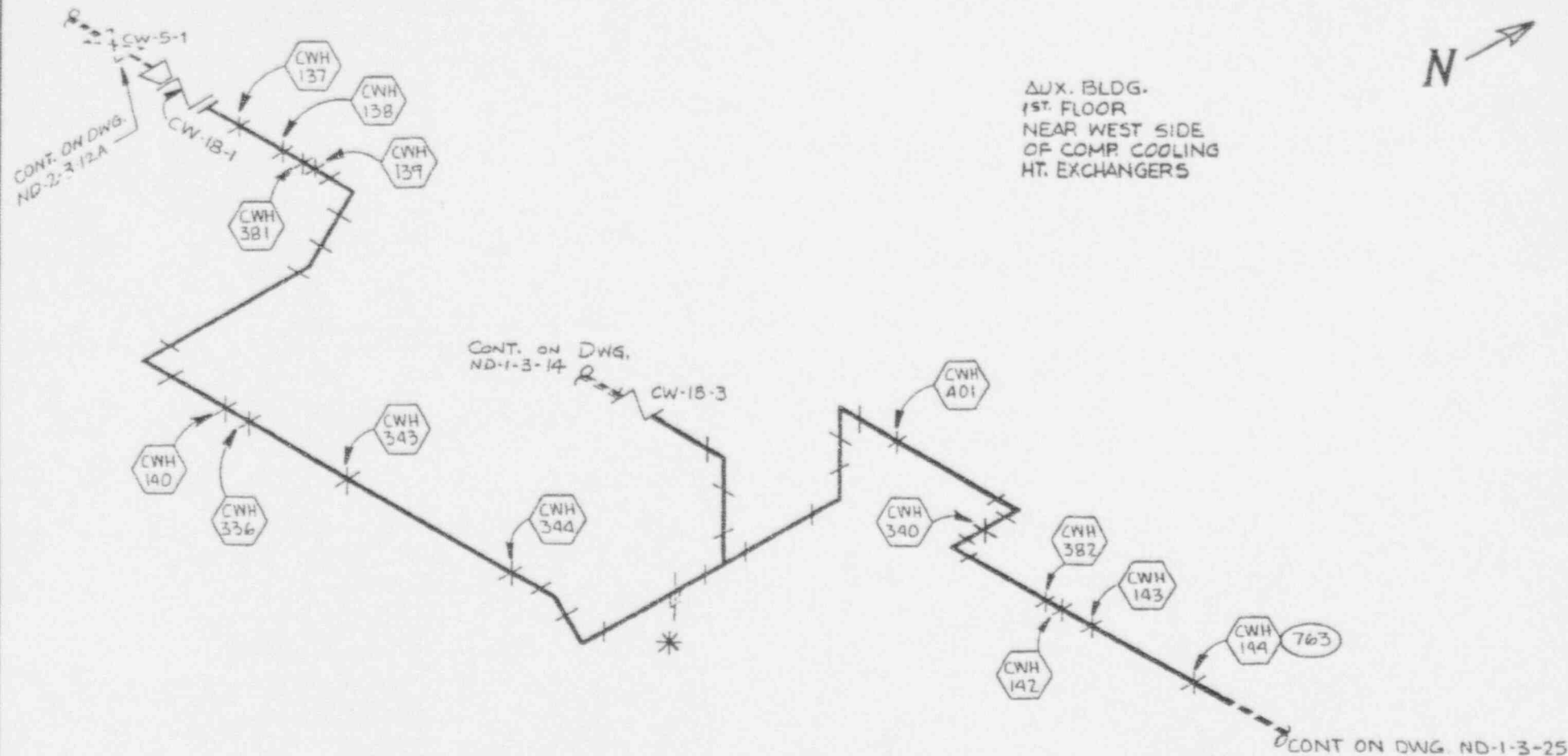
SYSTEM: Cooling Water



LINE NO: 8-CL-56

DWG NO: ND-1-3-18 REV: 2

○ = HANGER N/O

○ = WELD N/O



 = HANGER NO.
 = WELD NO.

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6648

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AJ CHKD: MV APPD: CMK

SYSTEM: Cooling Water

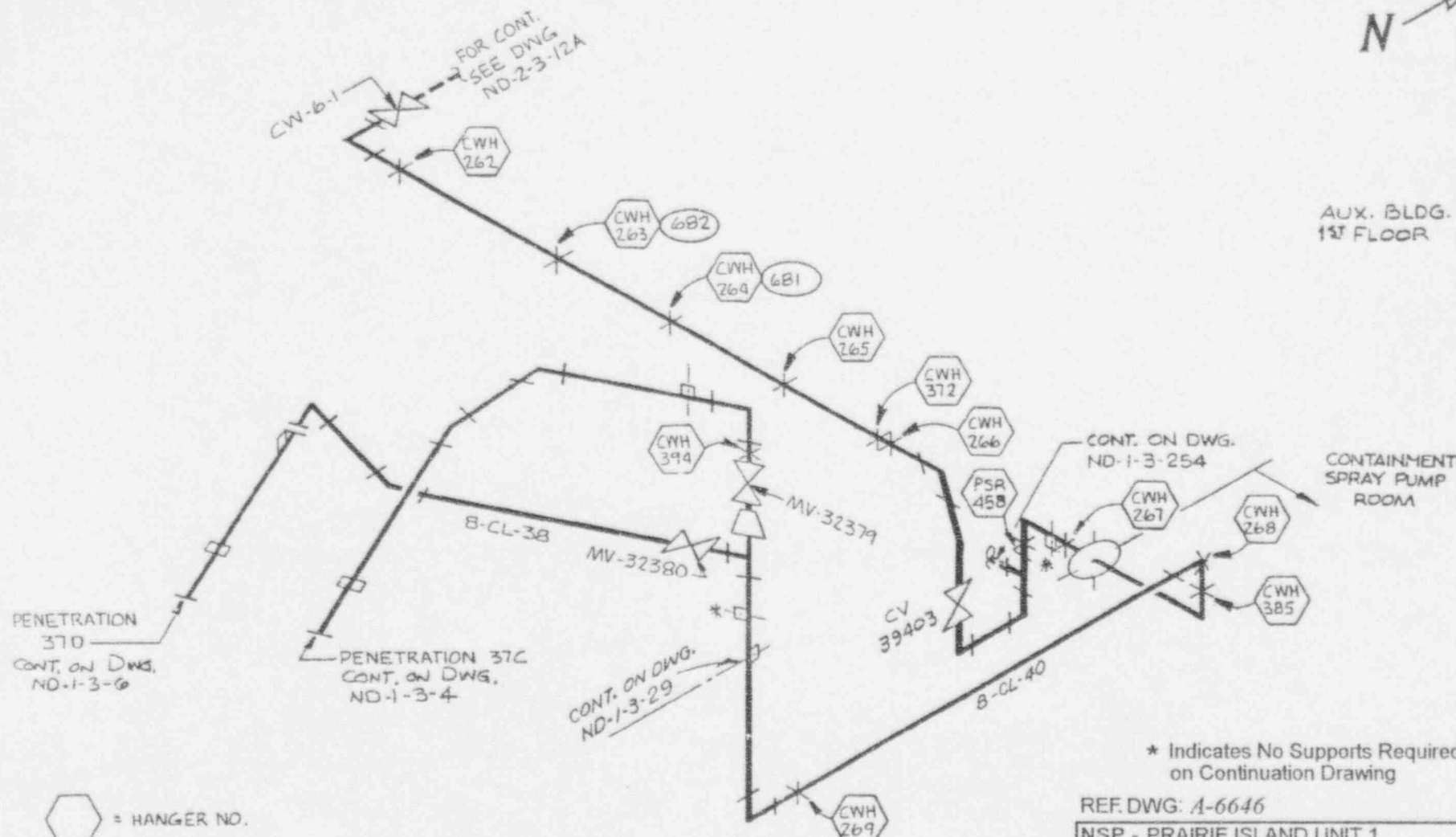
LINE NO: 6-CL-30

DWG NO: ND-1-3-20

REV: 2



AUX. BLDG.
1ST FLOOR



PENETRATION
370
CONT. ON DWG.
ND-1-3-6

PENETRATION 37C
CONT. ON DWG.
ND-1-3-4

CONT. ON DWG.
ND-1-3-29

CONT. ON DWG.
ND-1-3-254

CONTAINMENT
SPRAY PUMP
ROOM

* Indicates No Supports Required
on Continuation Drawing

⬡ = HANGER NO.
○ = WELD NO.

REF. DWG: A-6646

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: <i>CM</i>
SYSTEM: <u>Cooling Water</u>	
LINE NO: <u>As Noted</u>	
DWG NO: <u>ND-1-3-21</u>	REV: <u>2</u>



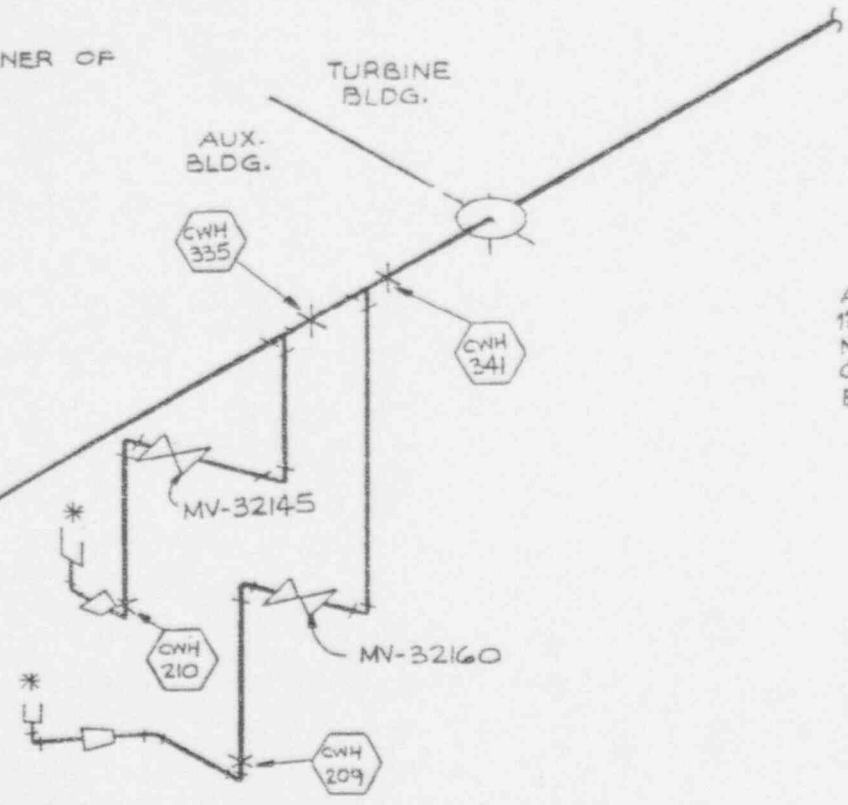
TURBINE BLDG.
1ST FLOOR S.W. CORNER OF
AIR COMP. ROOM
*4. REQ'D. ENTRY


AUX. BLDG.
TURBINE BLDG.

CONT. ON DWG.
ND-1-3-24

AUX. BLDG.
1ST FLOOR
NEAR COMP.
COOLING HT.
EXCH.

CONT. ON DWG.
ND-1-3-14.



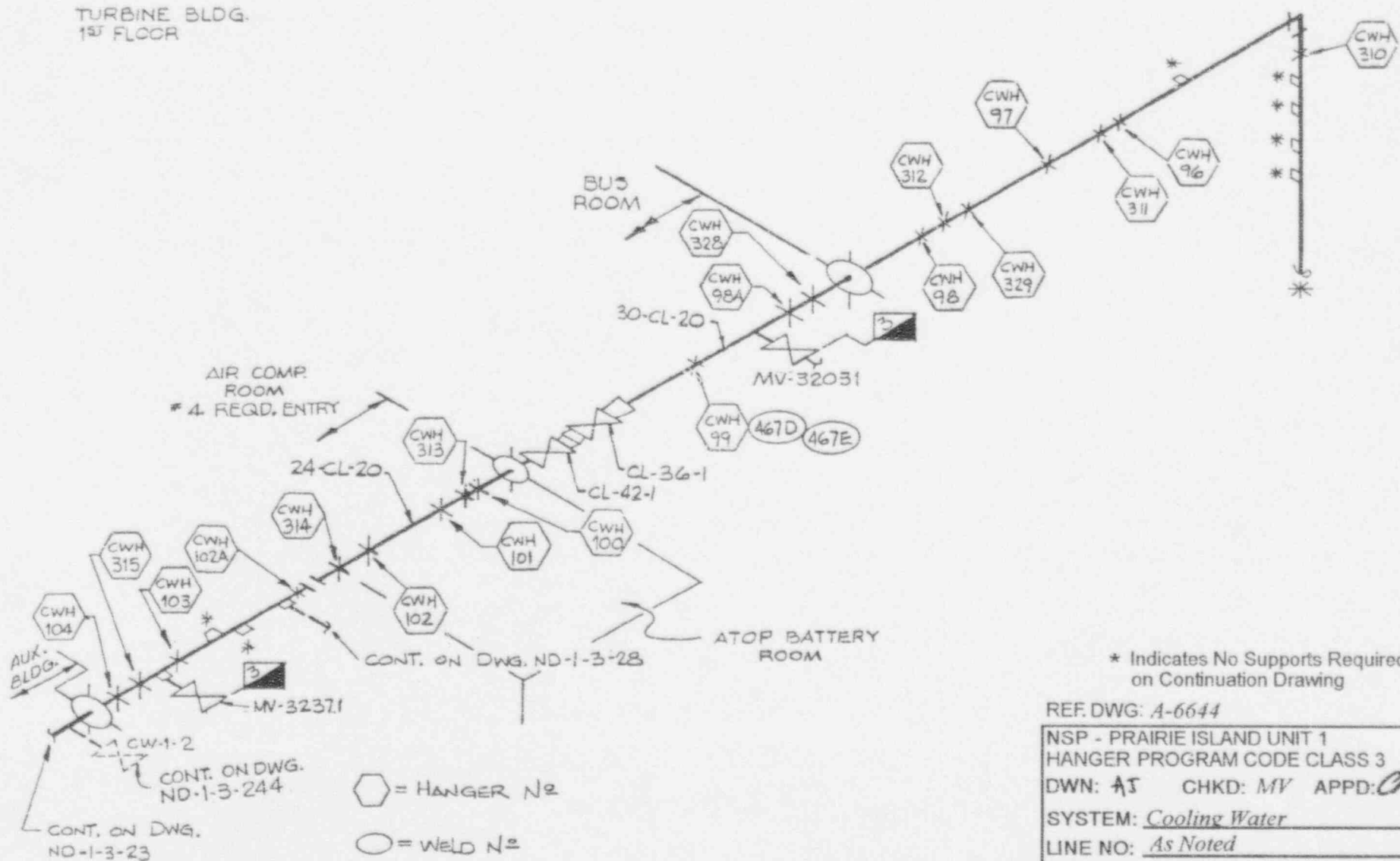
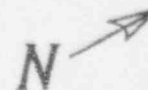
 = HANGER N2

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6644

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AS	CHKD: MV APPD: CAL
SYSTEM: Cooling Water	
LINE NO: 24-CL-20	
DWG NO: ND-1-3-23	REV: 2

TURBINE BLDG.
1ST FLOOR



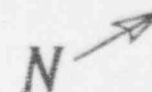
* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6644

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AS	CHKD: MV APPD: <i>CMK</i>
SYSTEM: <u>Cooling Water</u>	
LINE NO: <u>As Noted</u>	
DWG NO: <u>ND-1-3-24</u>	REV: <u>2</u>



AUX. BLDG.
1ST FLOOR
CLOSE TO ELEV.

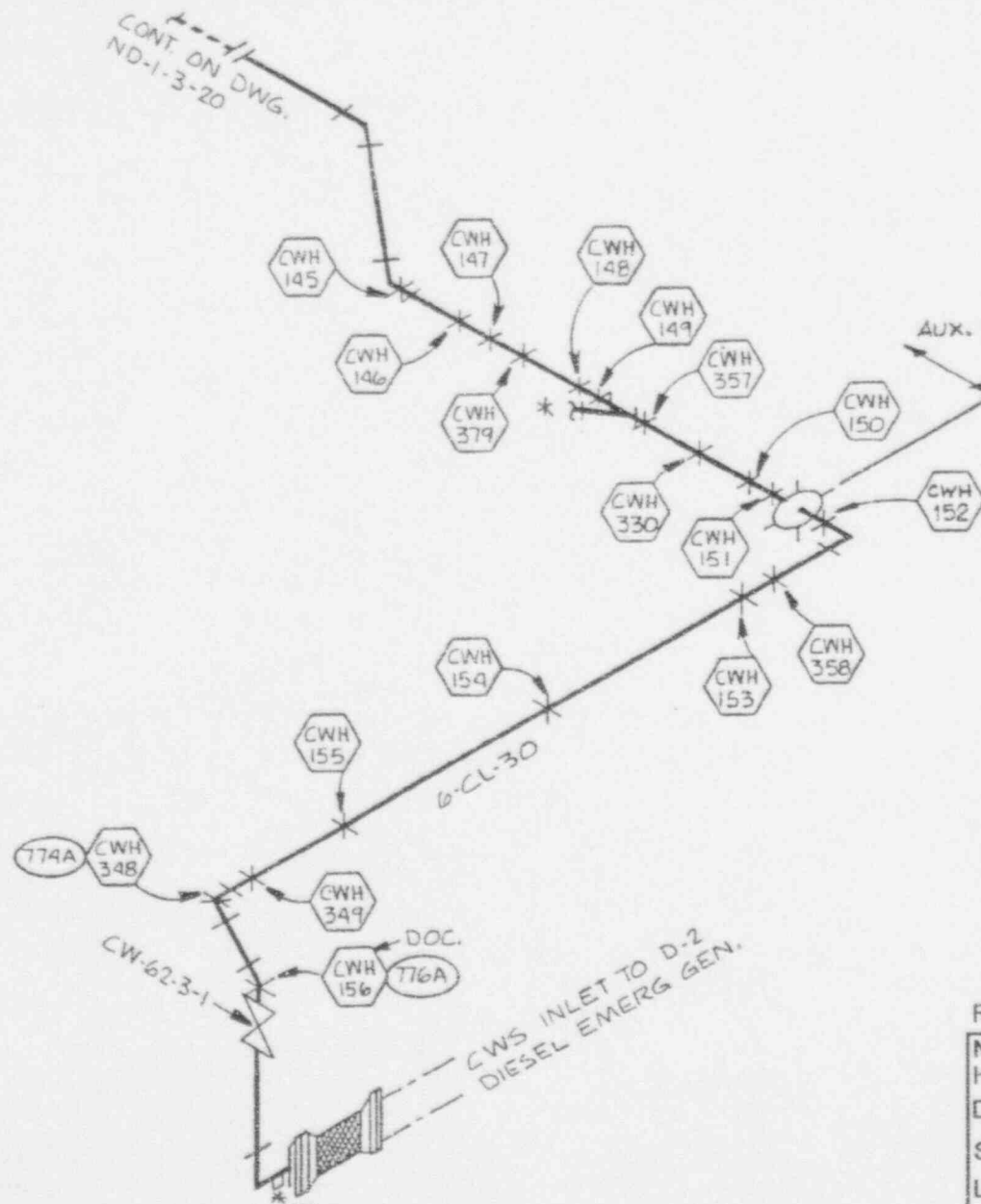
CONT. ON DWG.
ND-1-3-20



AUX. BLDG.

DIESEL GENERATOR
ROOM

 = HANGER NO.
 = WELD NO.



* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6648

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

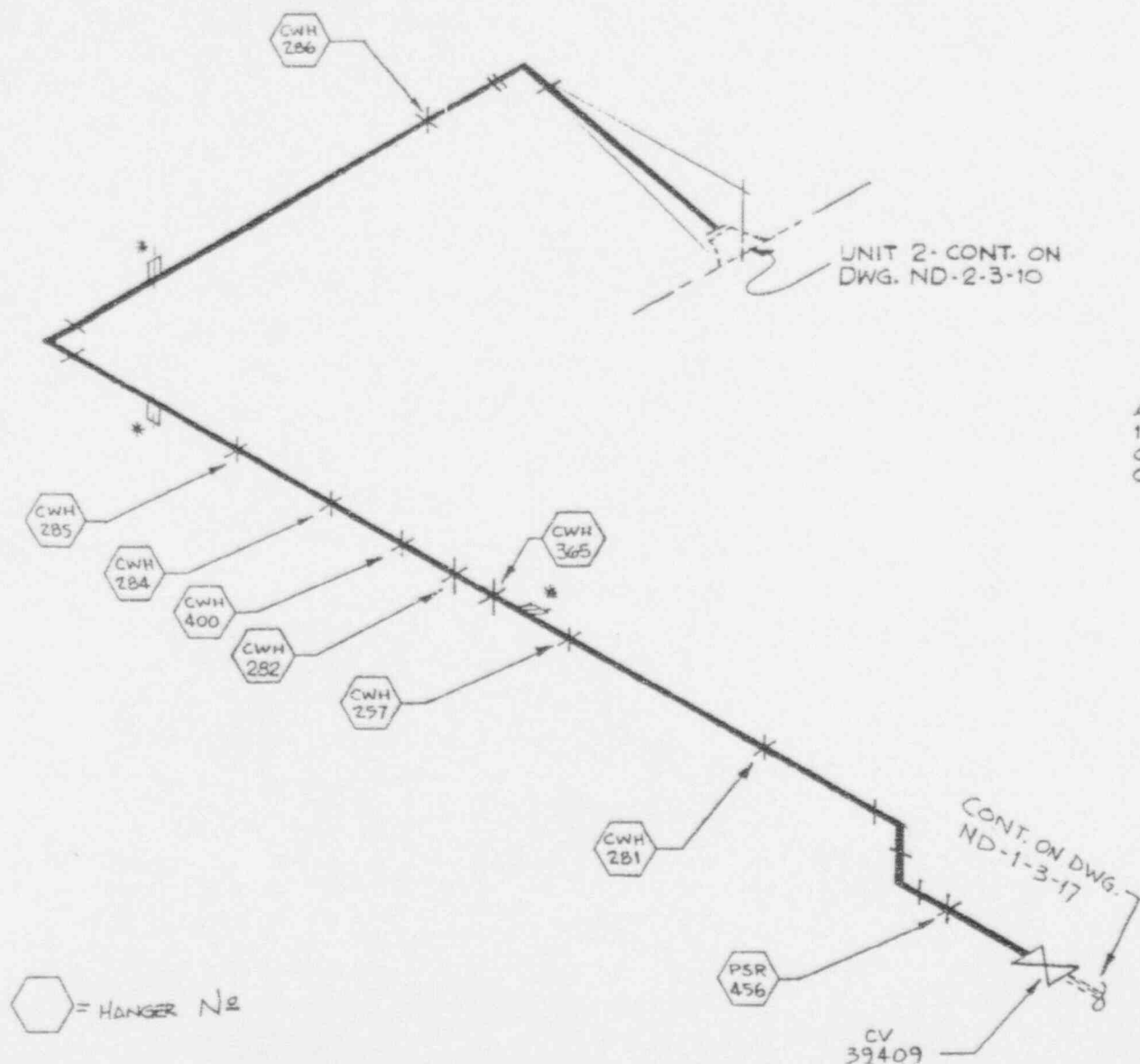
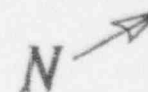
DWN: AS CHKD: MV APPD: *CK*

SYSTEM: *Cooling Water*

LINE NO: 6-CL-30

DWG NO: ND-1-3-25

REV: 2



AUX. BLDG.
1ST FLOOR
OVER COMPONENT
COOLING HT. EXCH.

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6647

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

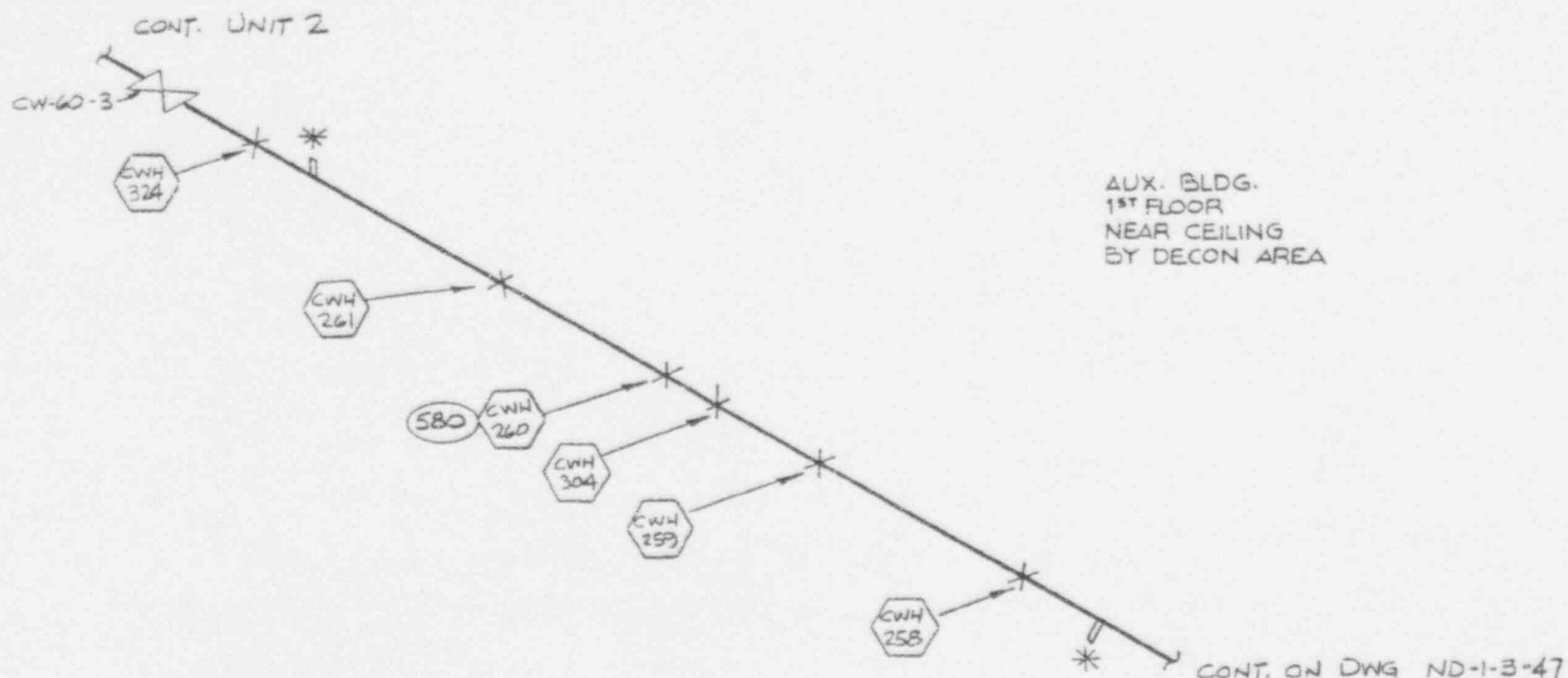
DWN: AJ CHKD: MV APPD: CMK


SYSTEM: Cooling Water


LINE NO: 10-CI-124

DWG NO: ND-1-3-30

REV: 2



 = HANGER NO

 = WELD NO

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6645

NSP - PRAIRIE ISLAND UNIT 1 ISI

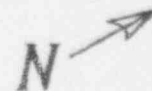
HANGER PROGRAM CODE CLASS 3

DWN: AT CHKD: MV APPD: *CM*

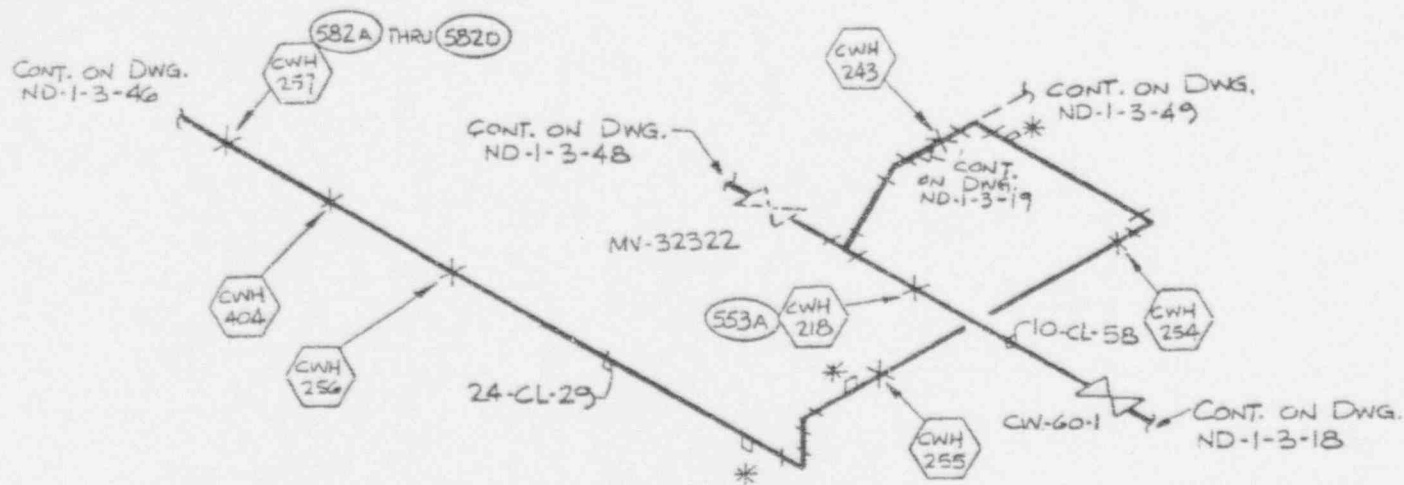
SYSTEM: Cooling Water


LINE NO: 24-CL-29


DWG NO: ND-1-3-46 REV: 2



AUX. BLDG.
1ST FLOOR
OVER COMP. COOLING
HT. EXCH.



 = HANGER N₂


 = WELD N₂

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6645

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AS CHKD: MV APPD: 

SYSTEM: Cooling Water

LINE NO: As Noted

DWG NO: ND-1-3-47

REV: 2

UNIT 2-CONT ON
DWG. ND-2-3-9
MV-32329
MV-32038 *



AUX. BLDG.
1ST FLOOR
OVER DECON AREA

CWH 216 549A 549B

CWH 217

CONT. ON DWG.
ND-1-3-47

MV-32322

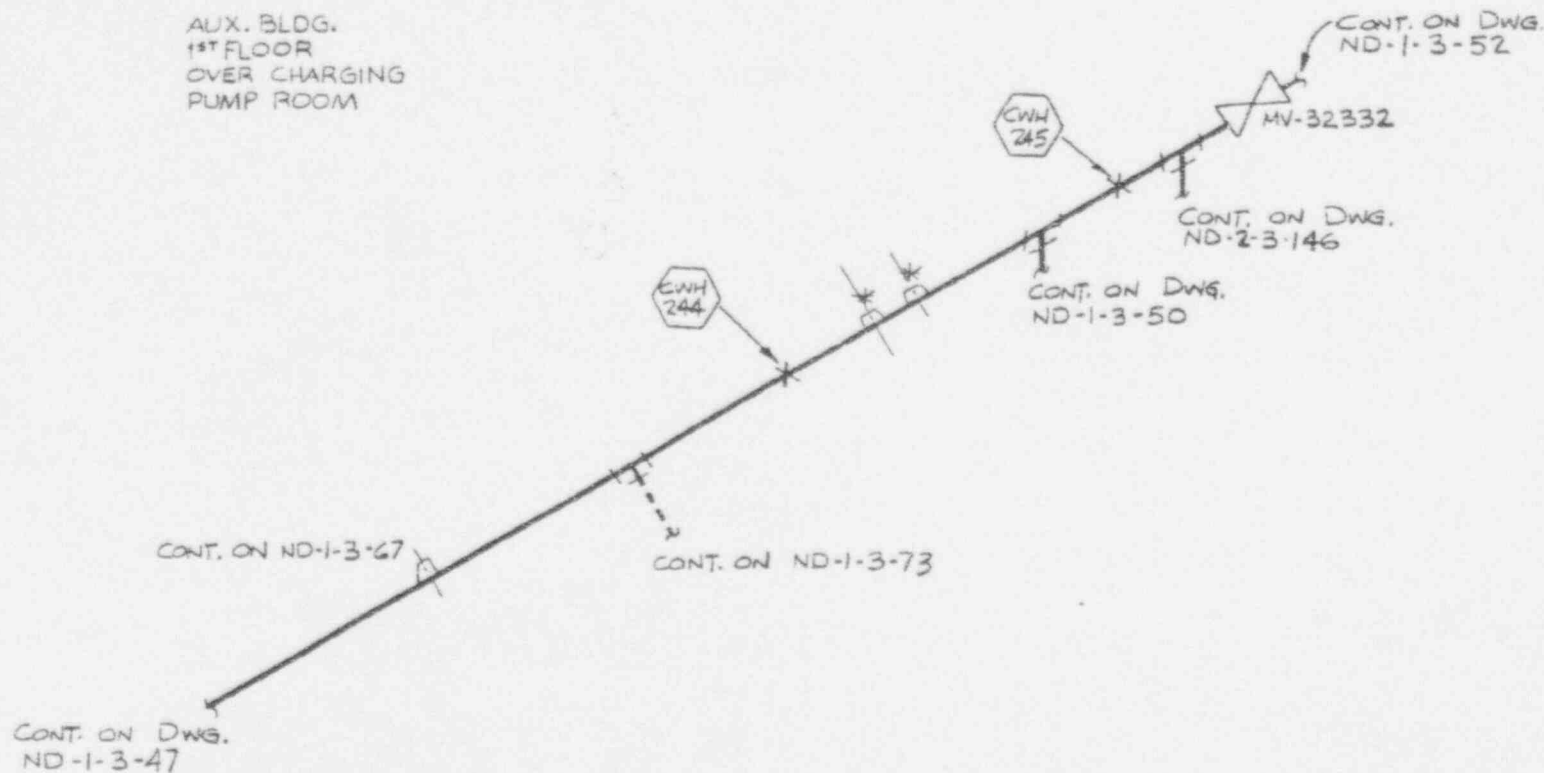
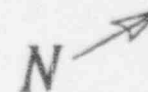
⬡ = HANGER N^o
○ = WELD N^o

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6645

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: CH
SYSTEM: Cooling Water	
LINE NO: 10-CL-58	
DWG NO: ND-1-3-48	REV: 2

AUX. BLDG.
1ST FLOOR
OVER CHARGING
PUMP ROOM

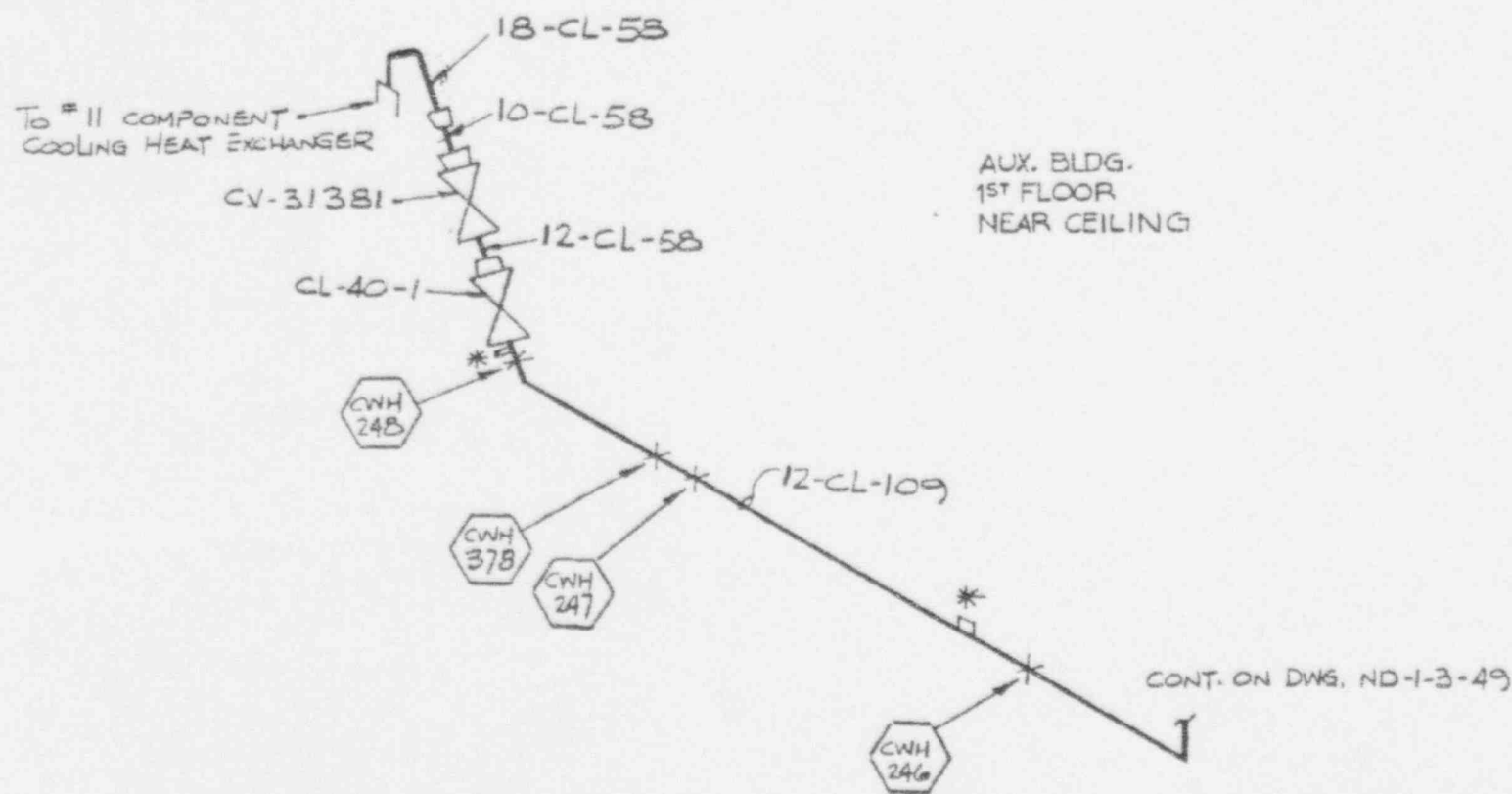
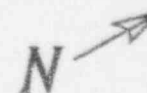



 = HANGER NO

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6645

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: CAK
SYSTEM: <u>Cooling Water</u>	
LINE NO: <u>24-CL-109</u>	
DWG NO: <u>ND-1-3-49</u>	REV: <u>2</u>



 = HANGER NO

* Indicates No Supports Required on Continuation Drawing

REF. DWG: A-6645

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AJ CHKD: MV APPD: CHL

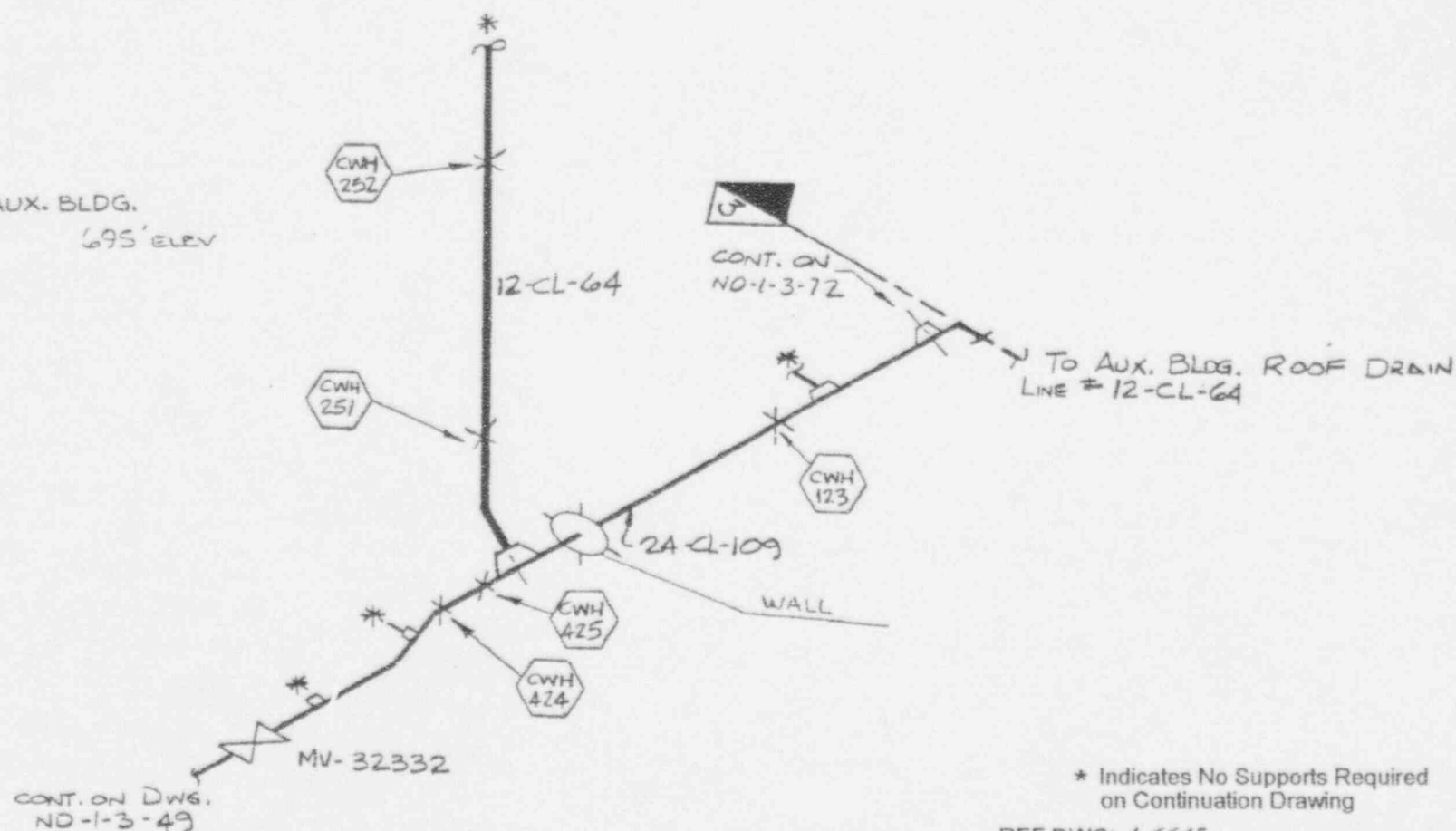
SYSTEM: Cooling Water

LINE NO: As Noted

DWG NO: ND-1-3-50 REV: 2



AUX. BLDG.
695' ELEV



* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6645

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

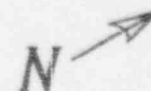
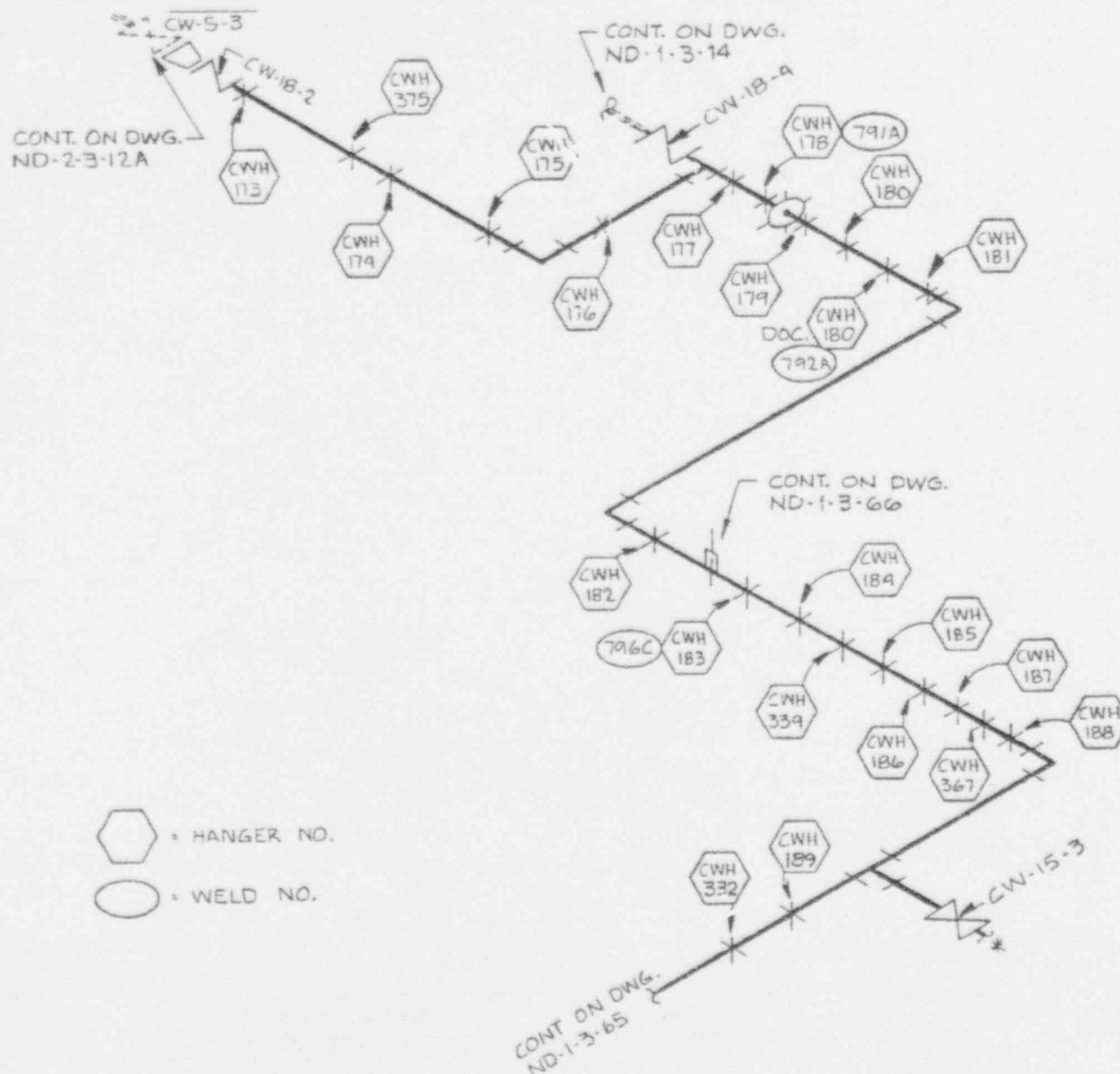
DWN: AJ CHKD: MV APPD: *CM*

SYSTEM: Cooling Water

LINE NO: As Noted

DWG NO: ND-1-3-52 REV: 2

 = HANGER NO

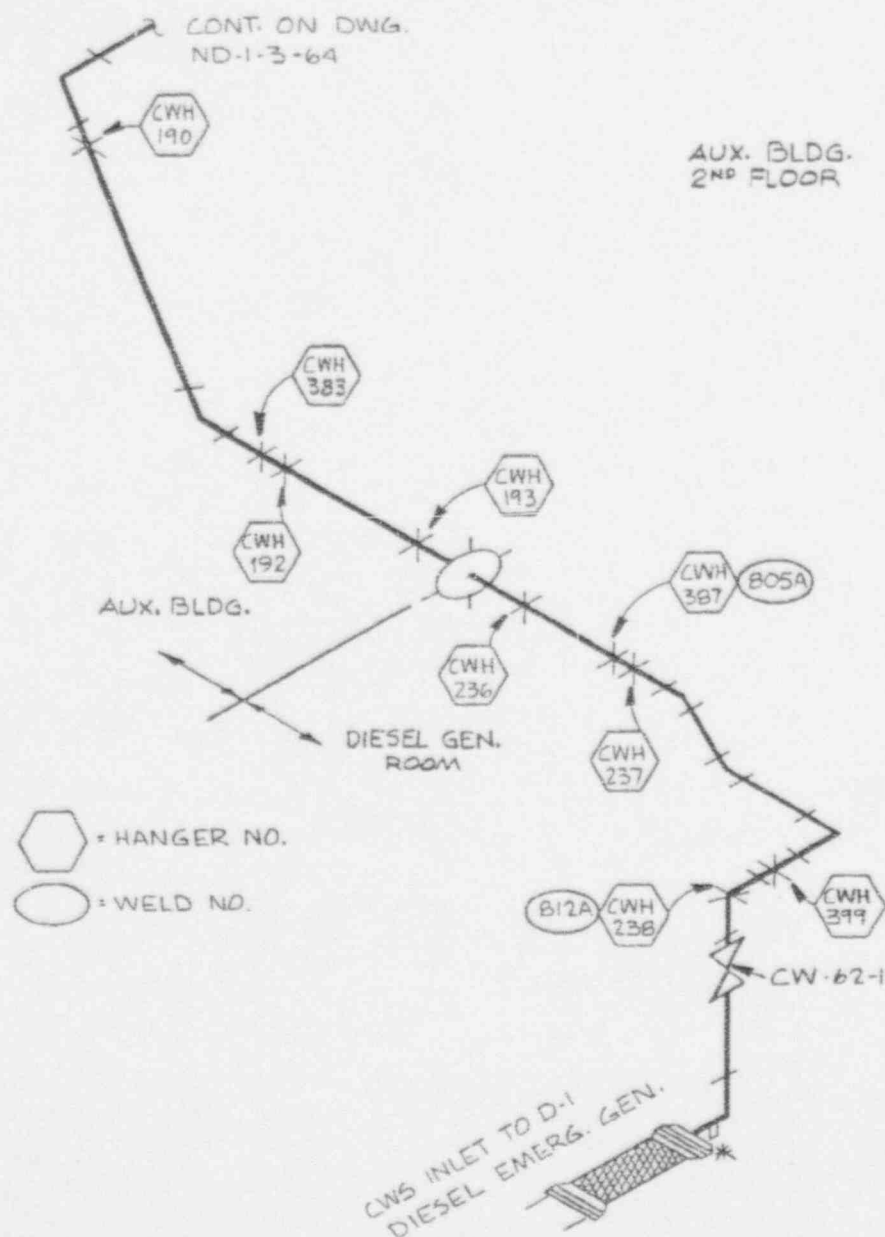


AUX. BLDG.
1ST FLOOR
FROM COMPONENT
COOLING HT. EXCH.
OVER CHARGING
PUMP ROOMS

* HANGER NO.
 * WELD NO.

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6648	ISI
NSP - PRAIRIE ISLAND UNIT 1	
HANGER PROGRAM CODE CLASS 3	
DWN: AJ CHKD: MV APPD: <i>CM</i>	
SYSTEM: <u>Cooling Water</u>	
LINE NO: <u>6-CL-33</u>	
DWG NO: <u>ND-1-3-64</u>	REV: <u>2</u>



* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6648

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AJ CHKD: MV APPD: CMK

SYSTEM: Cooling Water

LINE NO: 6-CL-33

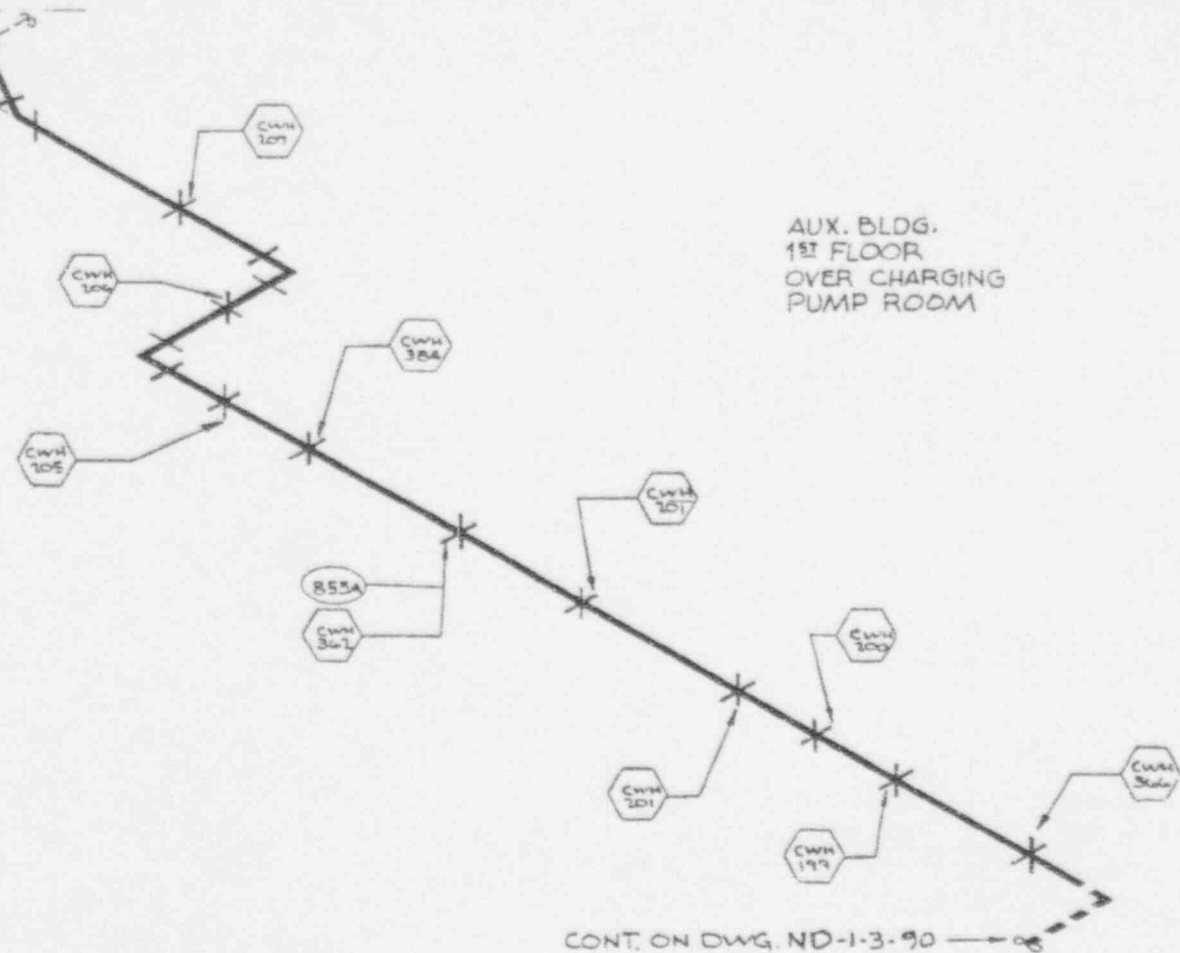
DWG NO: ND-1-3-65

REV: 2

FOR CONT. SEE DWG. ND-1-3-49



AUX. BLDG.
1ST FLOOR
OVER CHARGING
PUMP ROOM



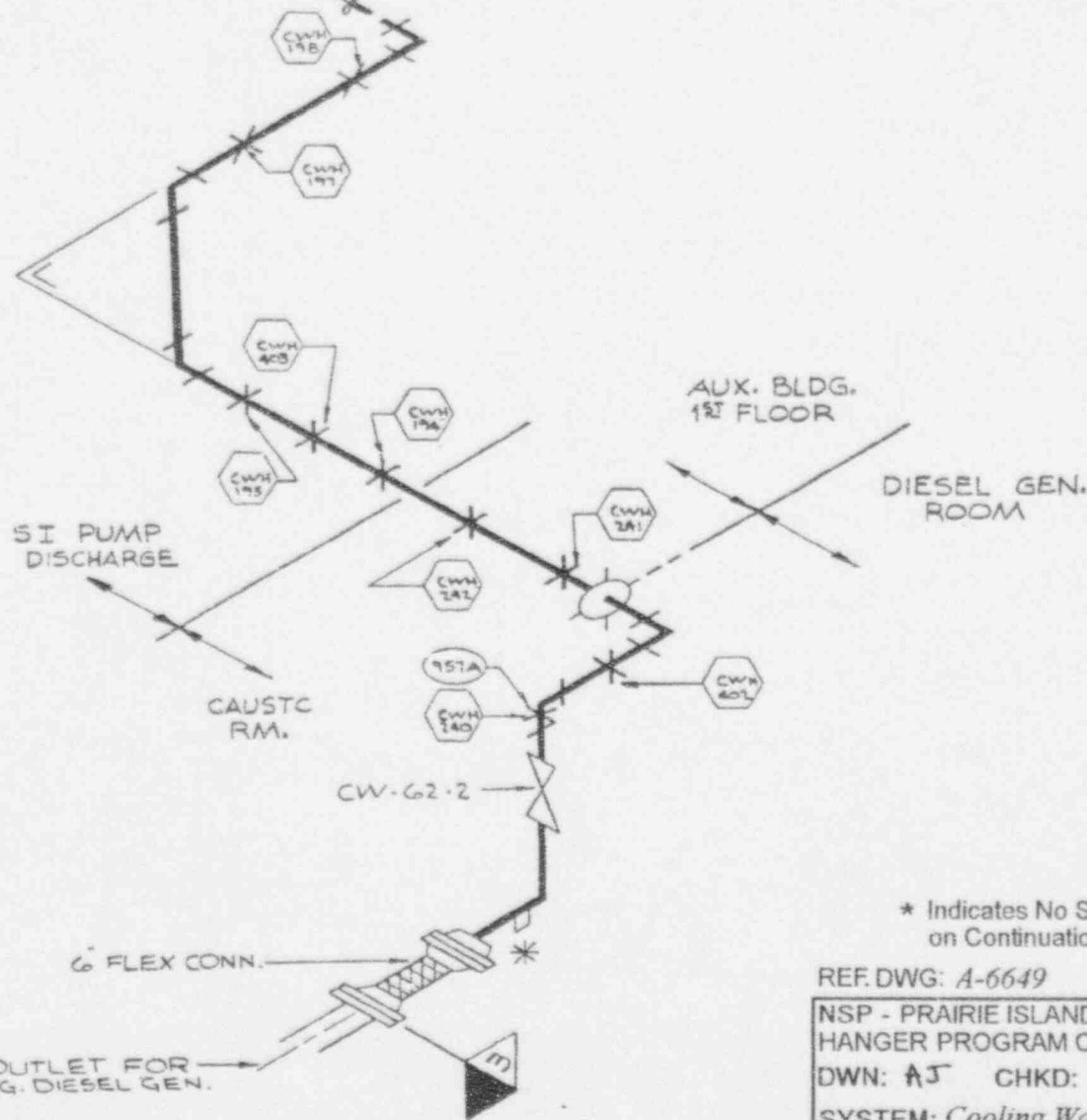
CONT. ON DWG. ND-1-3-90

 = HANGER NO.
 = WELD NO.

REF. DWG: A-6649

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: <i>CAK</i>
SYSTEM: <u>Cooling Water</u>	
LINE NO: <u>6-CL-109</u>	
DWG NO: <u>ND-1-3-68</u>	REV: <u>2</u>

CONT. ON DWG. ND-1-3-68



⬡ = HANGER

○ = WELD

6" FLEX CONN.

6" CWR OUTLET FOR
D-1 EMERG. DIESEL GEN.

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6649

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

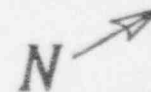
DWN: AJ CHKD: MV APPD: CAK

SYSTEM: Cooling Water

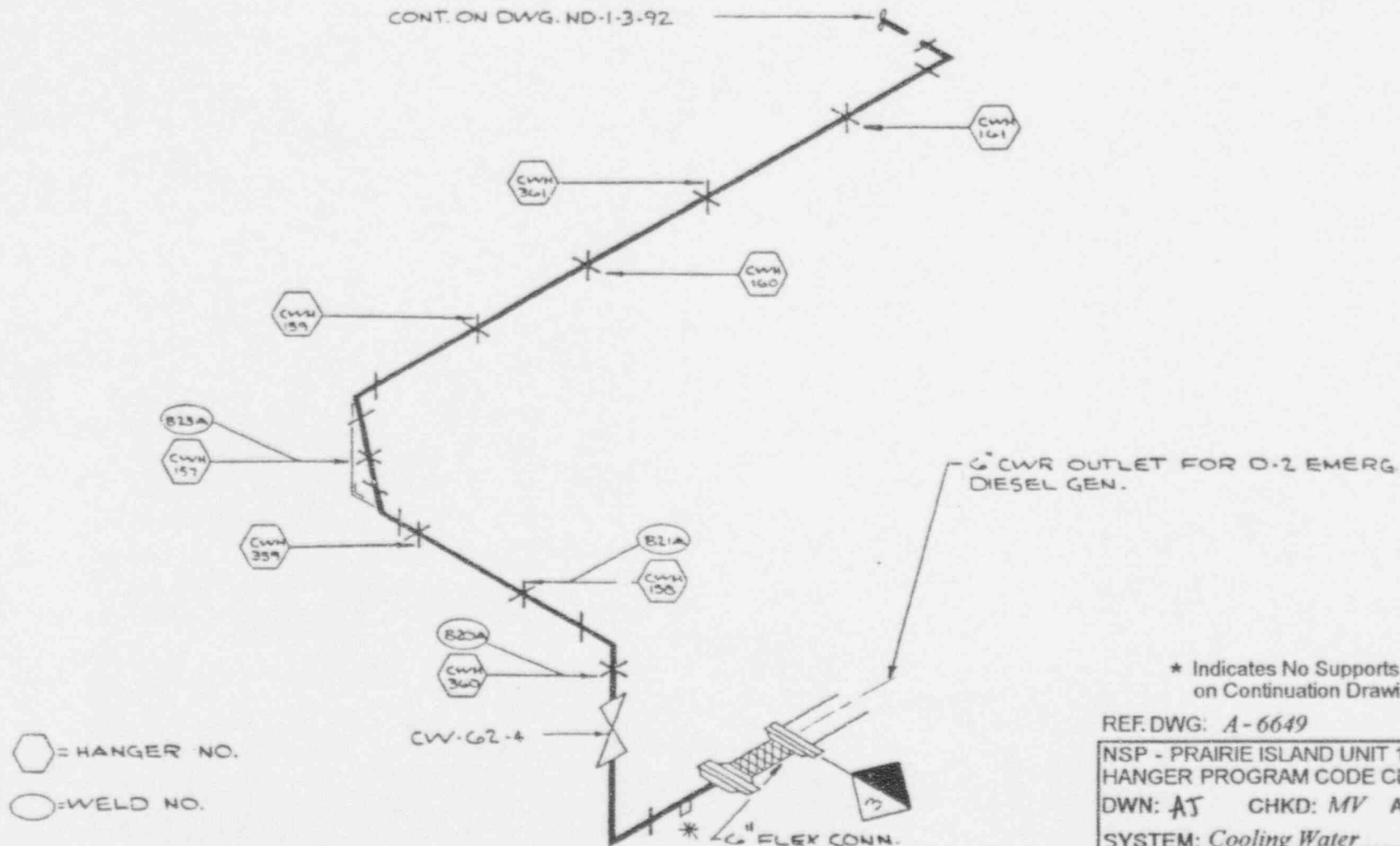
LINE NO: 6-CL-109

DWG NO: ND-1-3-90 REV: 2

DIESEL GENERATOR RM.



CONT. ON DWG. ND-1-3-92



* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6649

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

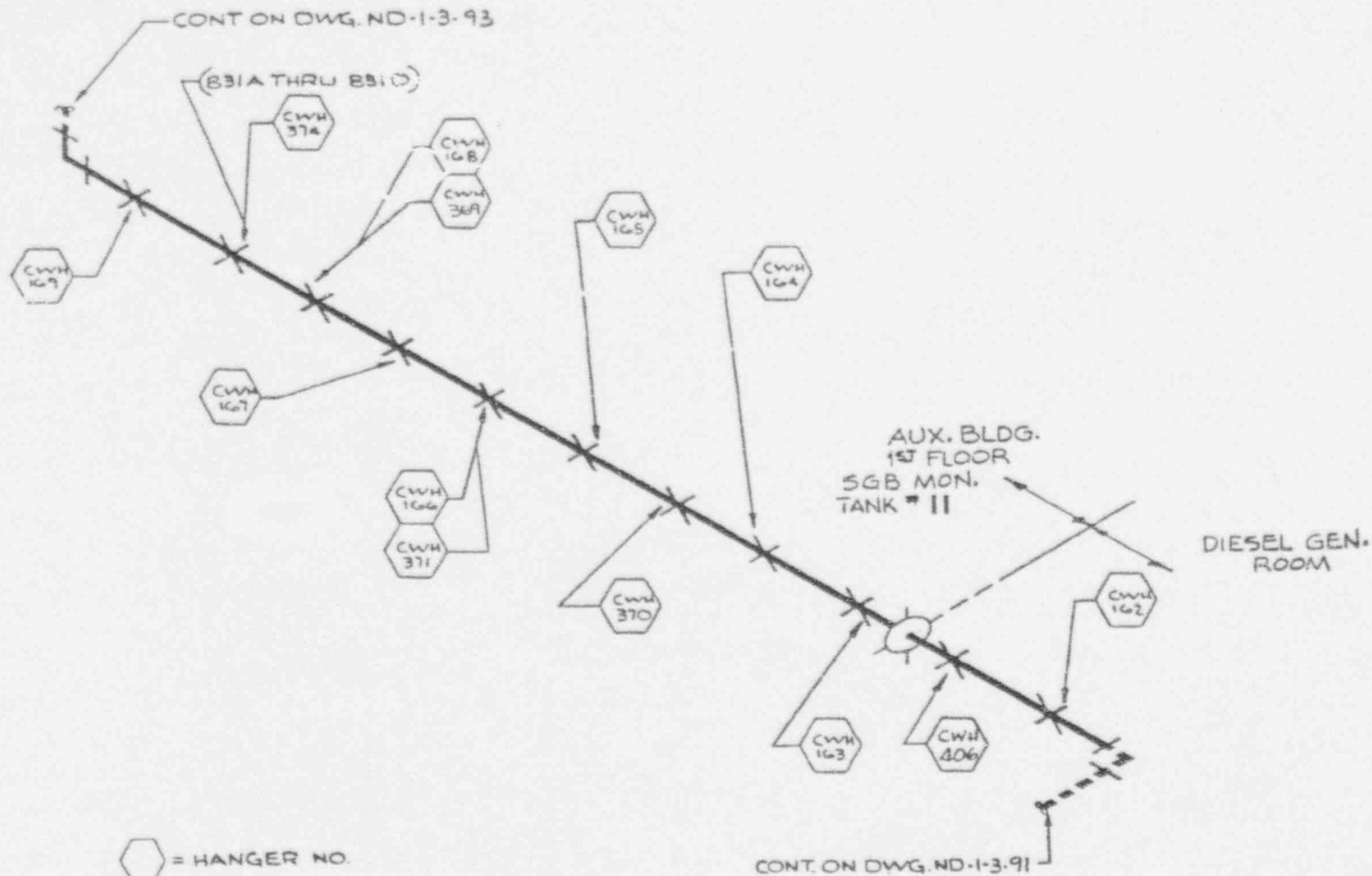
DWN: AT CHKD: MV APPD: CAC

SYSTEM: Cooling Water

LINE NO: 6-CL-124

DWG NO: ND-1-3-91

REV: 2



REF. DWG: A-6649

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

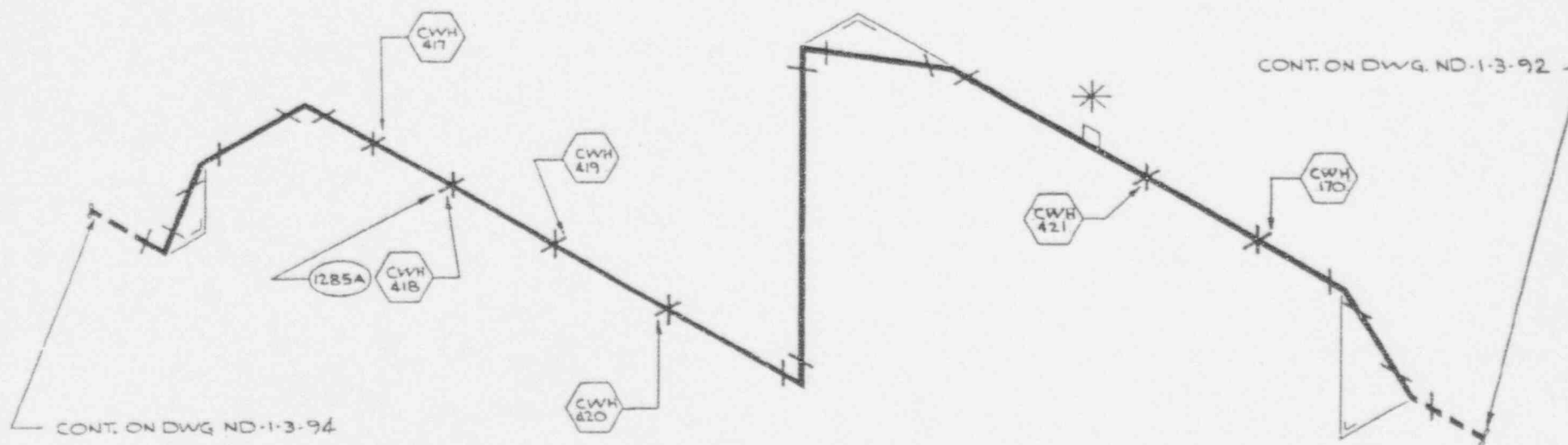
DWN: AS CHKD: MV APPD: CMK

SYSTEM: Cooling Water

LINE NO: 6-CL-124

DWG NO: ND-1-3-92 REV: 2

AUX. BLDG.
1ST FLOOR
ABOVE COMP. COOLING
HT. EXCH.
N.E. END



* Indicates No Supports Required
on Continuation Drawing

⬡ = HANGER NO.
○ = WELD NO.

REF. DWG: A-6649

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AJ CHKD: MV APPD: CAK

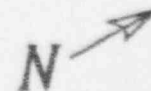
SYSTEM: Cooling Water

LINE NO: 6-CL-124

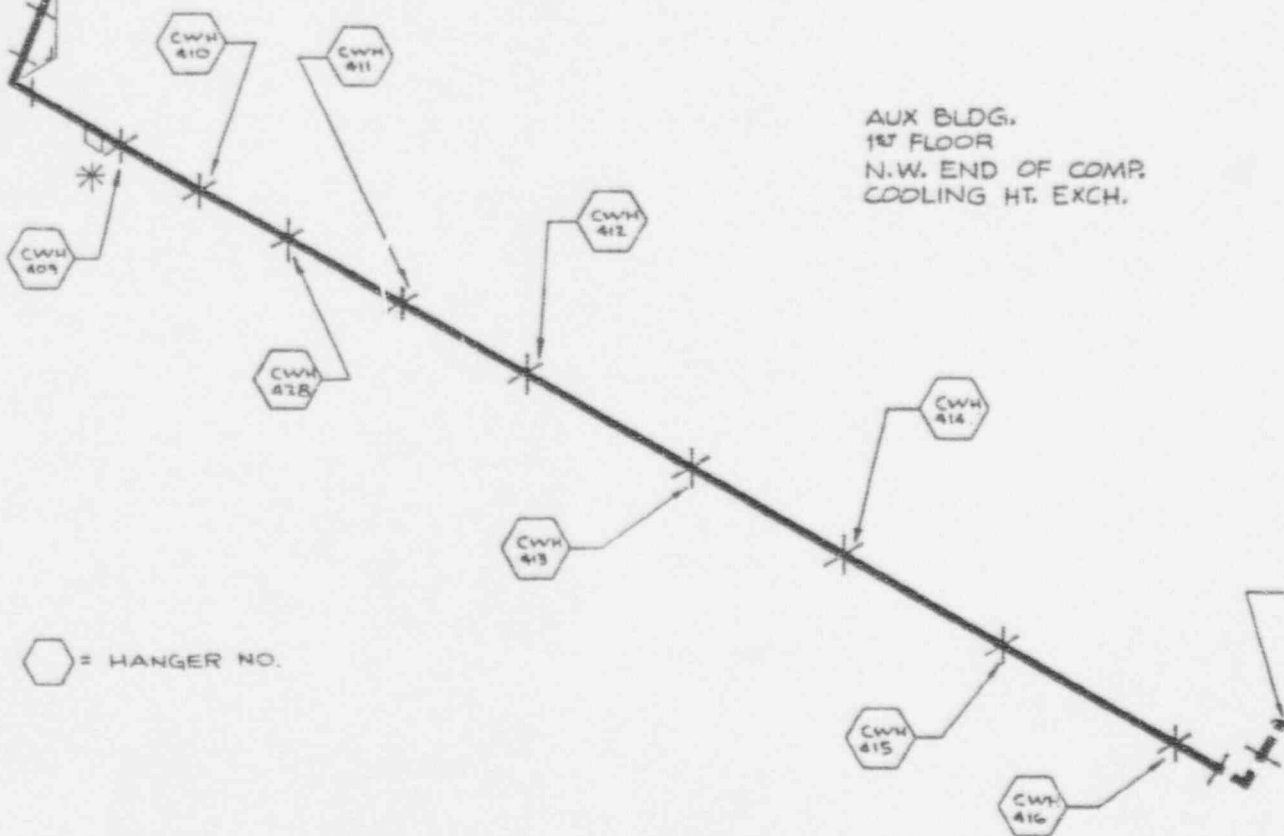
DWG NO: ND-1-3-93

REV: 2

CONT. ON DWG.
ND-1-3-95



AUX BLDG.
1ST FLOOR
N.W. END OF COMP.
COOLING HT. EXCH.



⬡ = HANGER NO.

CONT. ON DWG. NO. 1-3-93

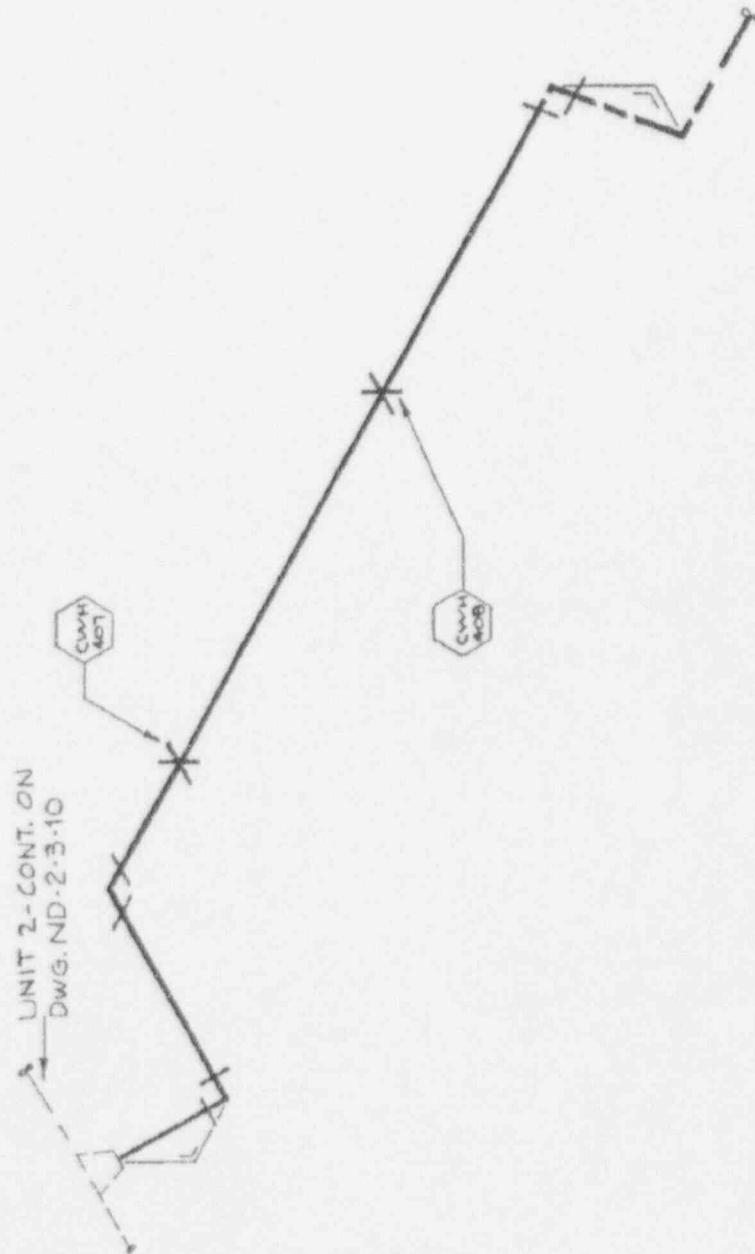
* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6649

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: <i>JS</i>	CHKD: <i>MV</i> APPD: <i>CAK</i>
SYSTEM: <i>Cooling Water</i>	
LINE NO: <i>6-CL-124</i>	
DWG NO: <i>ND-1-3-94</i>	REV: <i>2</i>



UNIT 2-CONT. ON
DWG. ND-2-3-10



AUX. BLDG.
1ST FLOOR

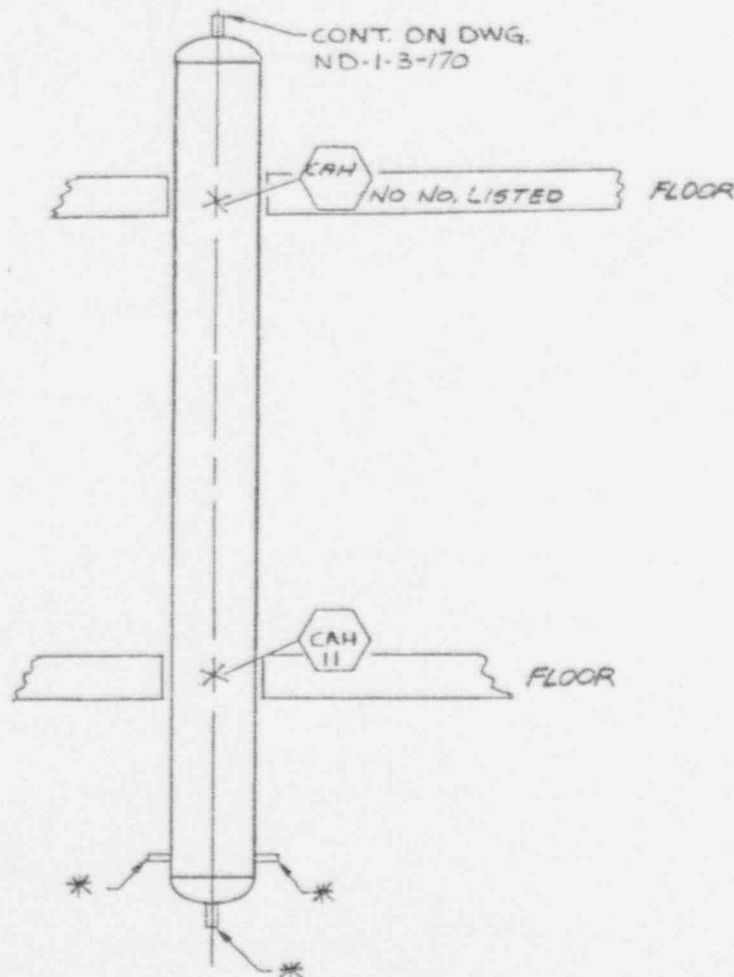
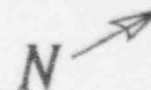
CONT. ON DWG. ND-1-3-94

○ = HANGER NO.

REF. DWG: A-6649

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ CHKD: MV APPD: CAK	
SYSTEM: Cooling Water	
LINE NO: 6-CL-124	
DWG NO: ND-1-3-95	REV: 2

AUX. BLDG.
3RD & 4TH FLR.
CAUSTIC AREA
BEHIND RWST



INACCESSABLE
BOLTED FLR. PLATES

○ = HANGER NO.

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: FF-64-112

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AS	CHKD: MV APPD: CAK
SYSTEM: Caustic Add	
LINE NO: -	
DWG NO: ND-1-3-166	REV: 2

TURBINE BLDG.

INSP. FROM
AUX. BLDG.
ROOF

SVH 55

10" C.I. EXHAUST
HEAD

SVH 56

DO FROM CRANE CAB



ROOF

SVH 54

SVH 53

6"-150" C.S.
SAFETY HEAD
ASSY.

EL-735'-0"
(3RD FLOOR)

IN FRONT OF
RELAY RM. DOOR

SVH 49

NEAR WEST END \bar{F} W HTR.
UNDER STAIRWAY

SVH 50

EL-715'-0"
(2ND FLOOR)

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6753

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

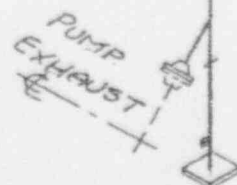
DWN: AS CHKD: MV APPD: *CMK*

SYSTEM: Misc. Relief Valve Vents

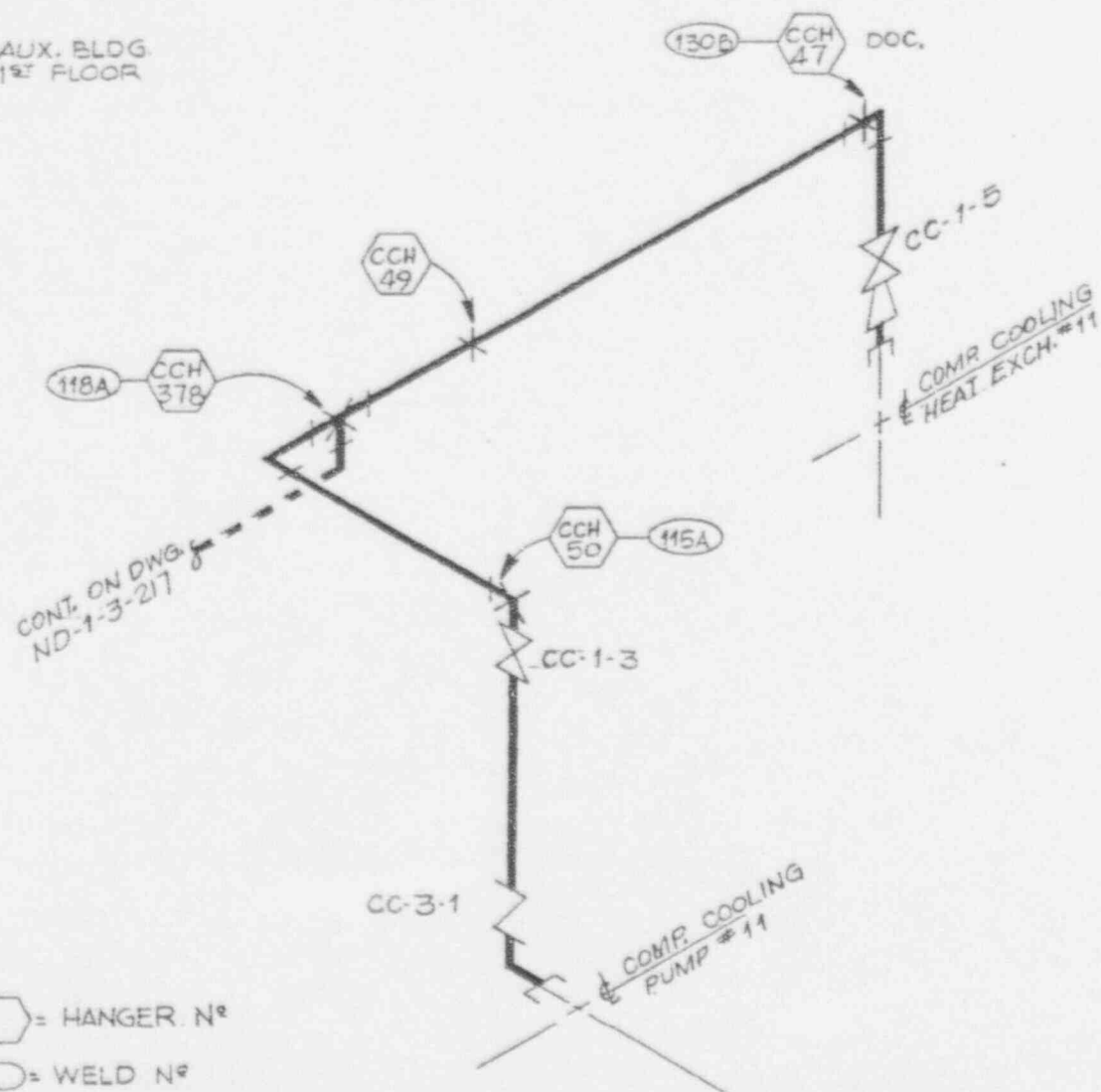
LINE NO: -

DWG NO: ND-1-3-178 REV: 2

○ = HANGER NO.



AUX. BLDG.
1ST FLOOR

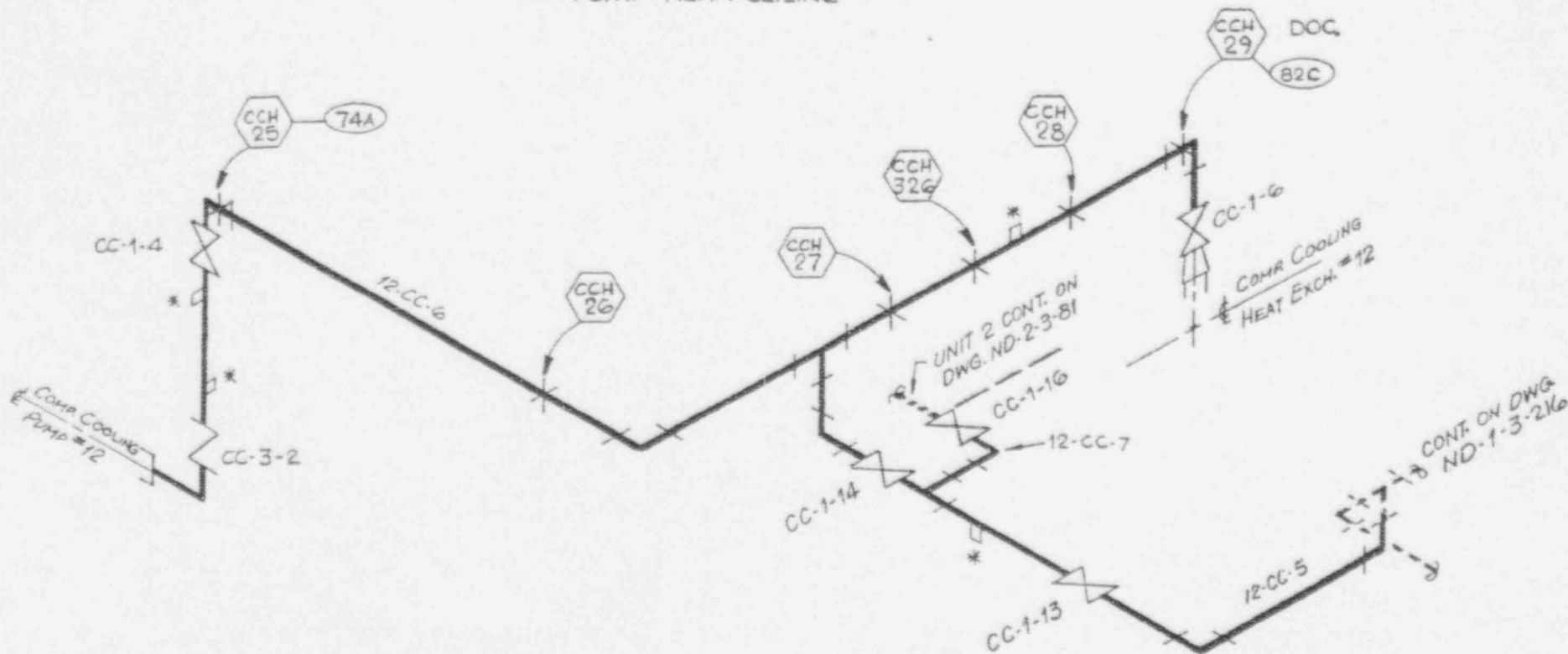
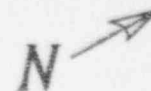


⬡ = HANGER N°
○ = WELD N°

REF. DWG: A-6629

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: <i>CAK</i>
SYSTEM: <i>Component Cooling</i>	
LINE NO: <i>12-CC-5</i>	
DWG NO: <i>ND-1-3-216</i>	REV: <i>2</i>

AUX. BLDG.
1ST FLOOR
NEAR COMP. COOLING
PUMP-NEAR CEILING



⬡ = HANGER N°

○ = WELD N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6629

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

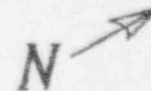
DWN: AJ CHKD: MV APPD: *CAK*

SYSTEM: Component Cooling

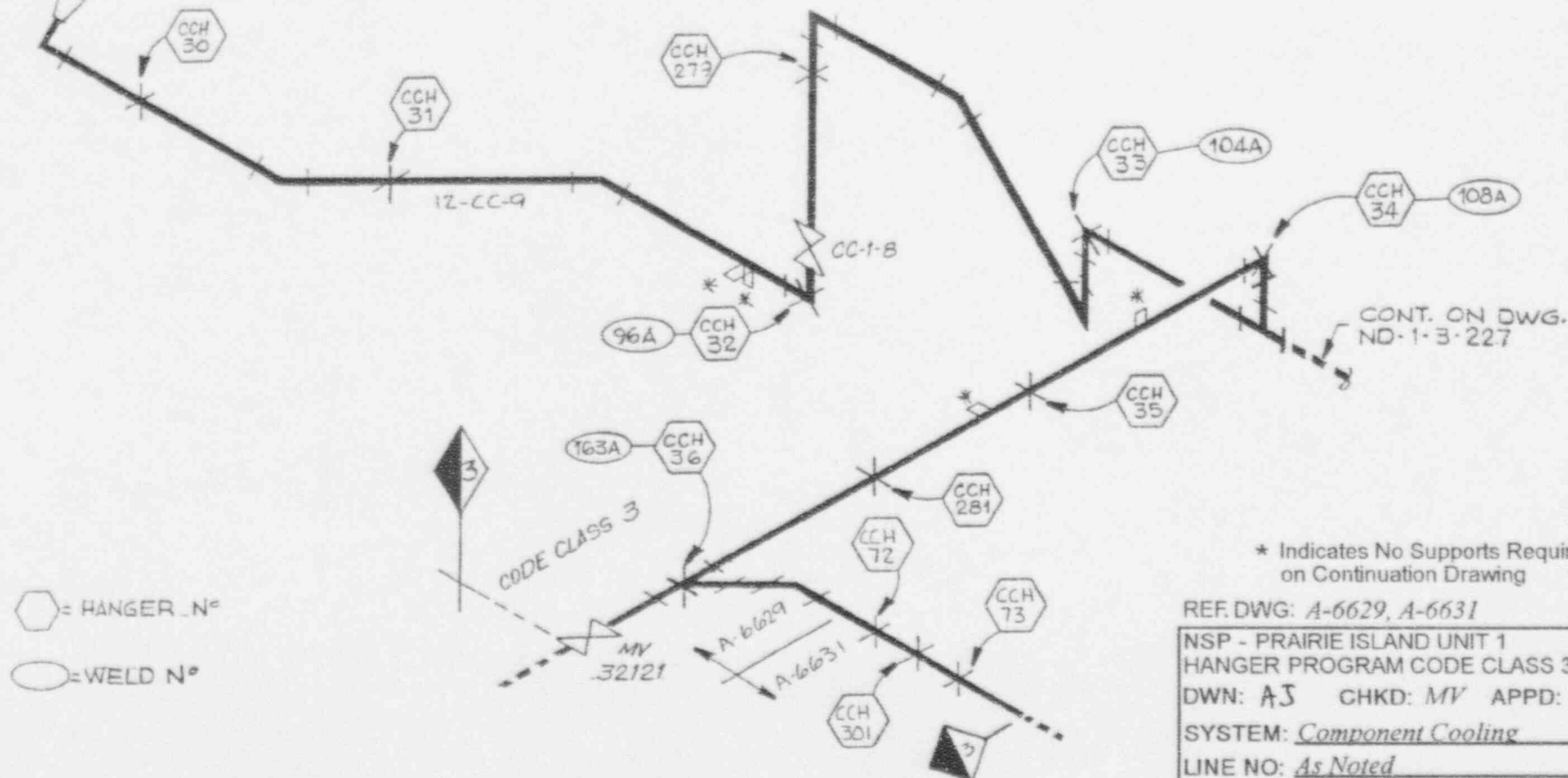
LINE NO: As Noted

DWG NO: ND-1-3-217 REV: 2

AUX. BLDG.
1ST FLOOR



COMP. COOLING EXCH. #12

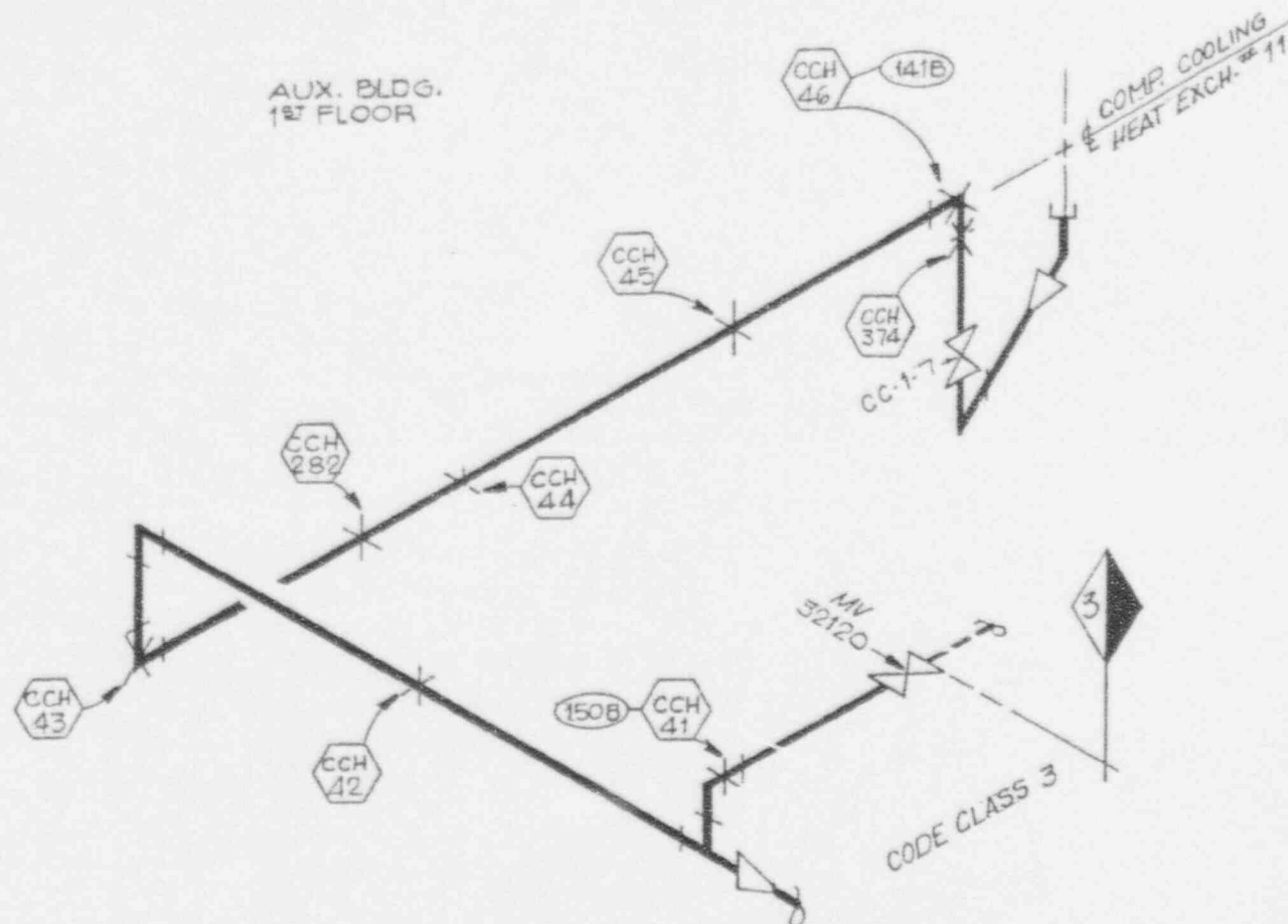


○ = HANGER N°
○ = WELD N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6629, A-6631

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: CAK
SYSTEM: <u>Component Cooling</u>	
LINE NO: <u>As Noted</u>	
DWG NO: <u>ND-1-3-218</u>	REV: <u>2</u>



CONT. ON DWG.
ND-1-3-228

⬡ = HANGER N°

○ = WELD N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6629

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AJ CHKD: MV APPD: *CAK*

SYSTEM: Component Cooling

LINE NO: 12-CC-8

DWG NO: ND-1-3-219 REV: 2

RHR PIT 'B'

○ = HANGER N°

○ = WELD N°

RESIDUAL HT.
EXCHANGE #12

CONT. ON DWG.
ND-1-3-221

CONT. ON DWG.
ND-1-3-231

CCH 182

CC-7-1

512A thru
512H

CCH 181

CCH 398

511C

CCH 397

CCH 399

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6636

NSP - PRAIRIE ISLAND UNIT 1 ISI

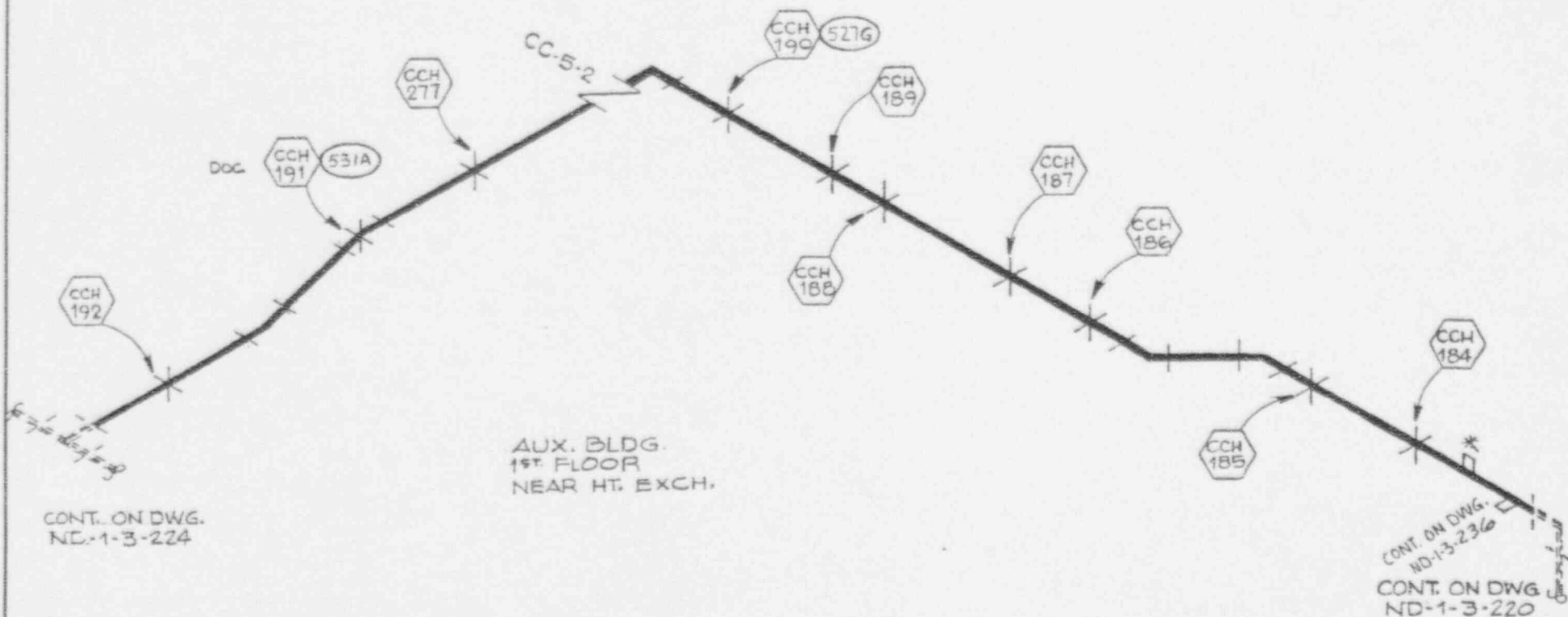
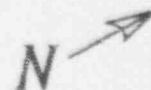
HANGER PROGRAM CODE CLASS 3

DWN: AJ CHKD: MV APPD: CAK

SYSTEM: Component Cooling

LINE NO: 10-CC-23

DWG NO: ND-1-3-220 REV: 2



CONT. ON DWG.
ND-1-3-224

AUX. BLDG.
1ST FLOOR
NEAR HT. EXCH.

CONT. ON DWG.
ND-1-3-236
CONT. ON DWG.
ND-1-3-220

⬡ = HANGER N°

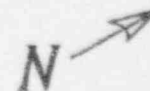
○ = WELD N°

* Indicates No Supports Required
on Continuation Drawing

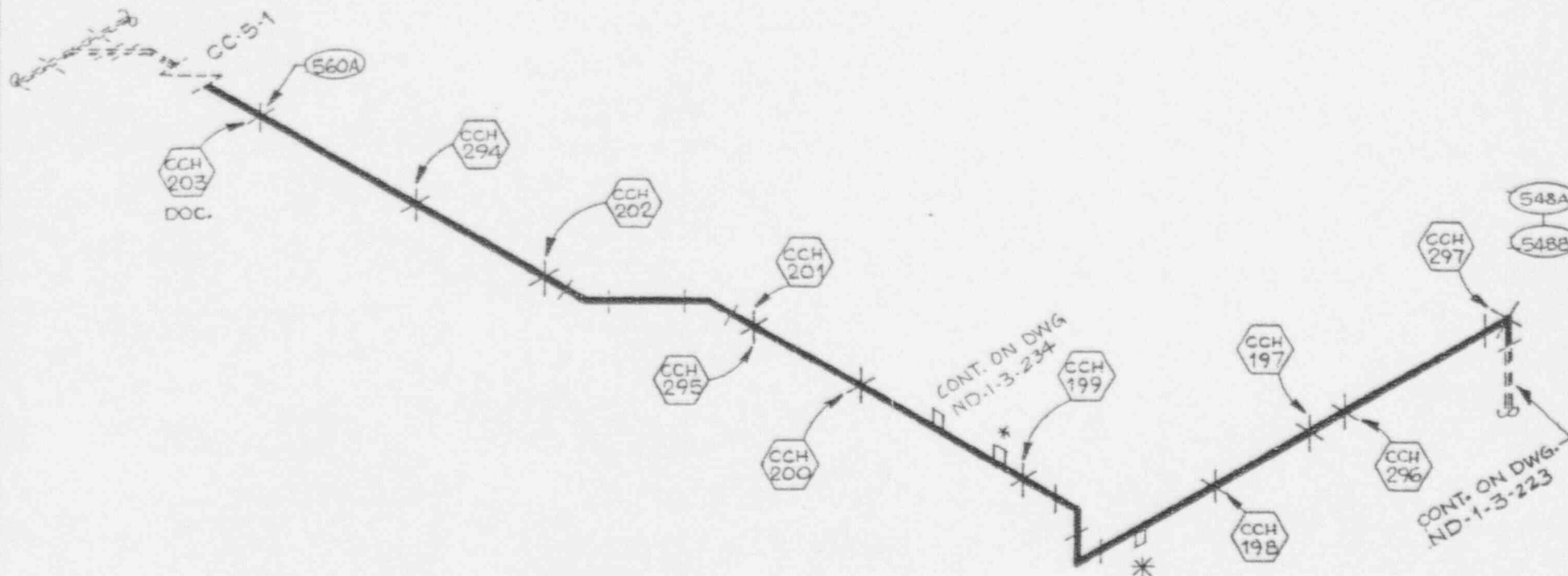
REF. DWG: A-6636

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: CAK
SYSTEM: Component Cooling	
LINE NO: 10-CC-3	
DWG NO: ND-1-3-221	REV: 2

Aux. Bldg.
695' Elev.



CONT. ON DWG.
ND-1-3-225



⬡ = HANGER N°

○ = WELD N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6636

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AJ CHKD: MV APPD: CAK


SYSTEM: Component Cooling

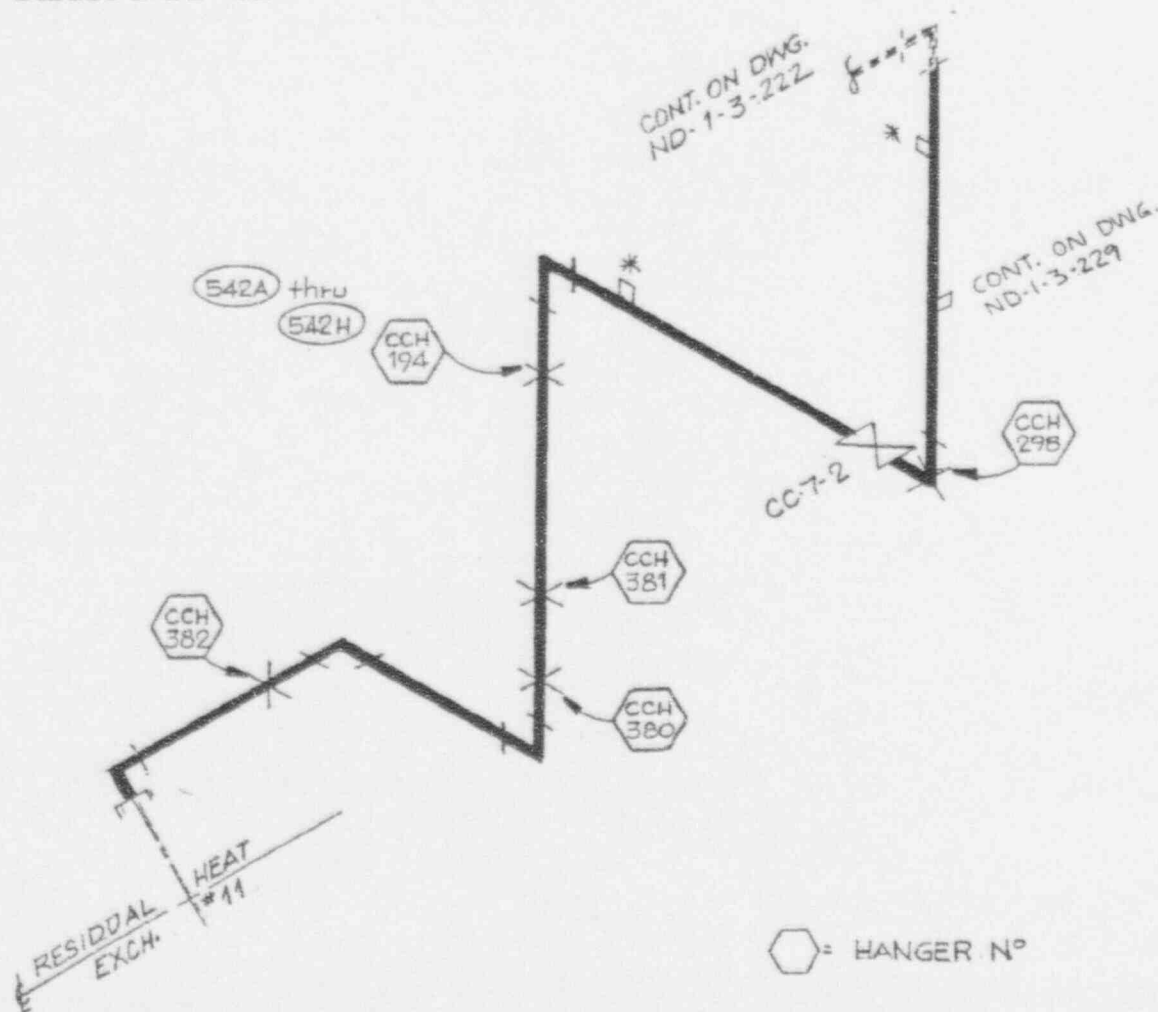
LINE NO: 10-CC-22

DWG NO: ND-1-3-222

REV: 2

RHR PIT 'A'

N 



* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6636

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AJ CHKD: MV APPD: *CHK*

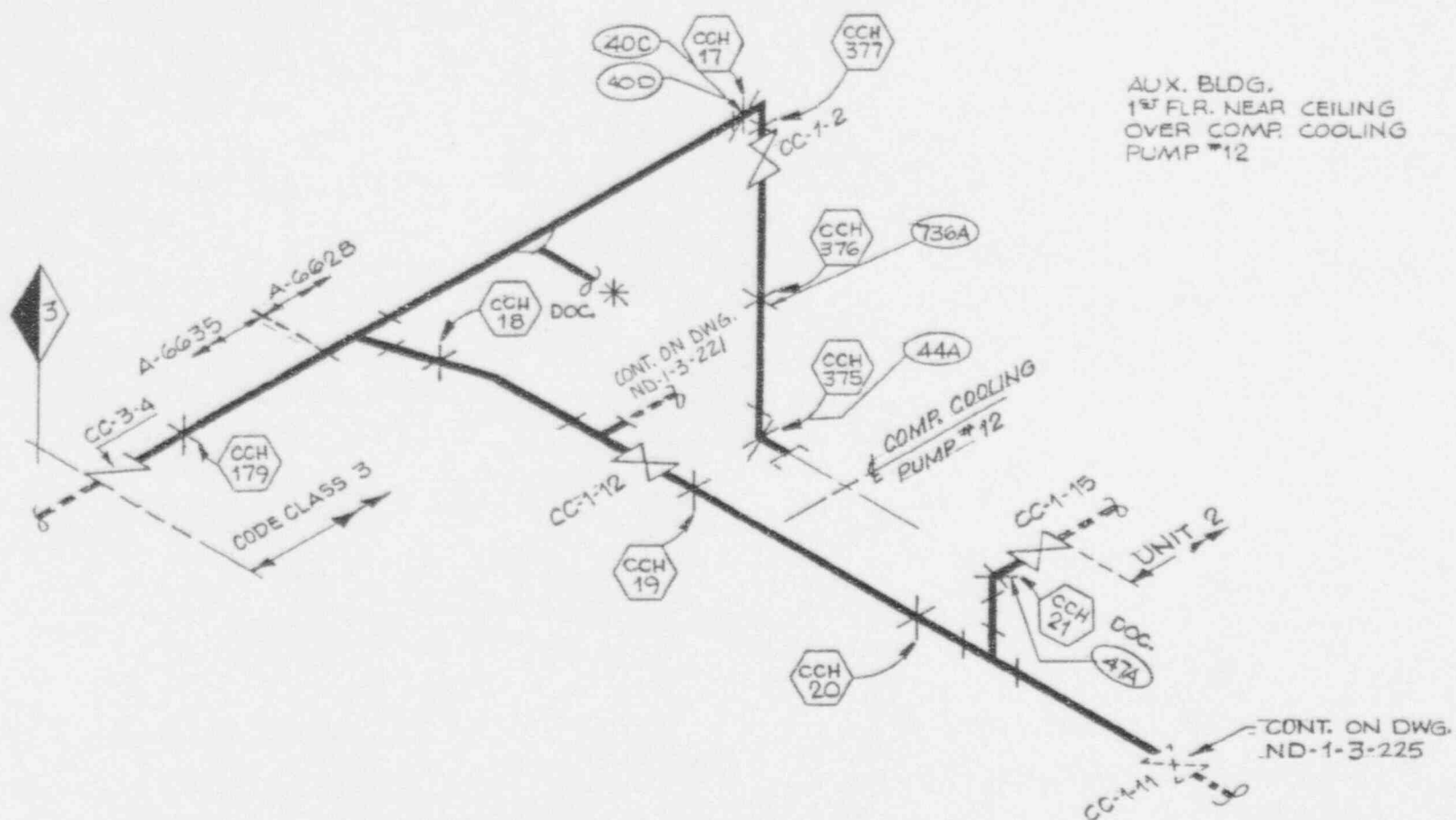
SYSTEM: Component Cooling

LINE NO: 10-CC-22

DWG NO: ND-1-3-223 REV: 2

 = HANGER N°

○ = WELD N°



○ HANGER N°

○ WELD N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6635, A-6628

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

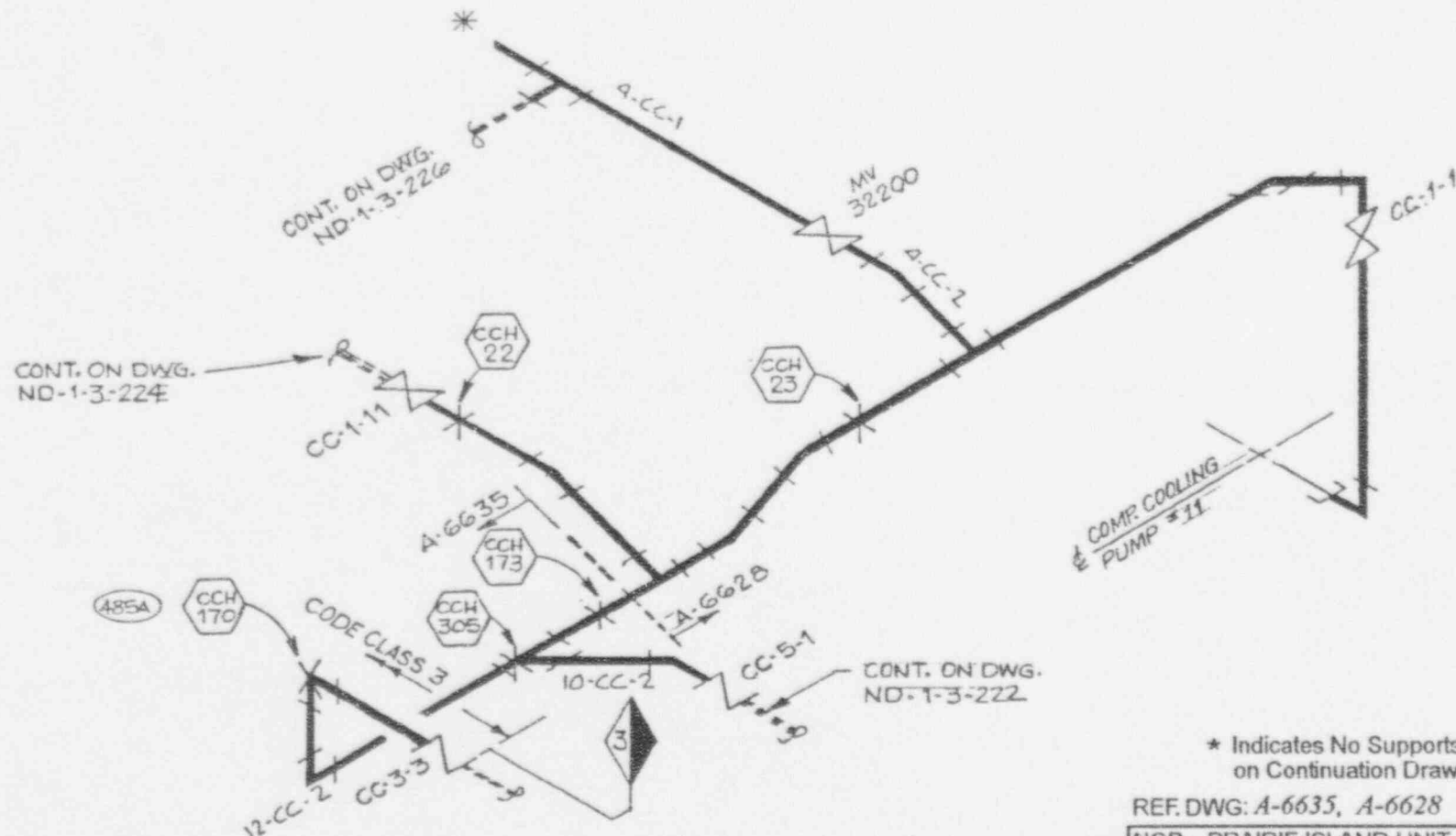
DWN: AJ CHKD: MV APPD: CMK

SYSTEM: Component Cooling

LINE NO: 12-CC-3, 12-CC-4

DWG NO: ND-1-3-224 REV: 2

AUX. BLDG.
1ST FLOOR
NEAR CEILING
OVER COMP. COOLING
HT. EXCH.



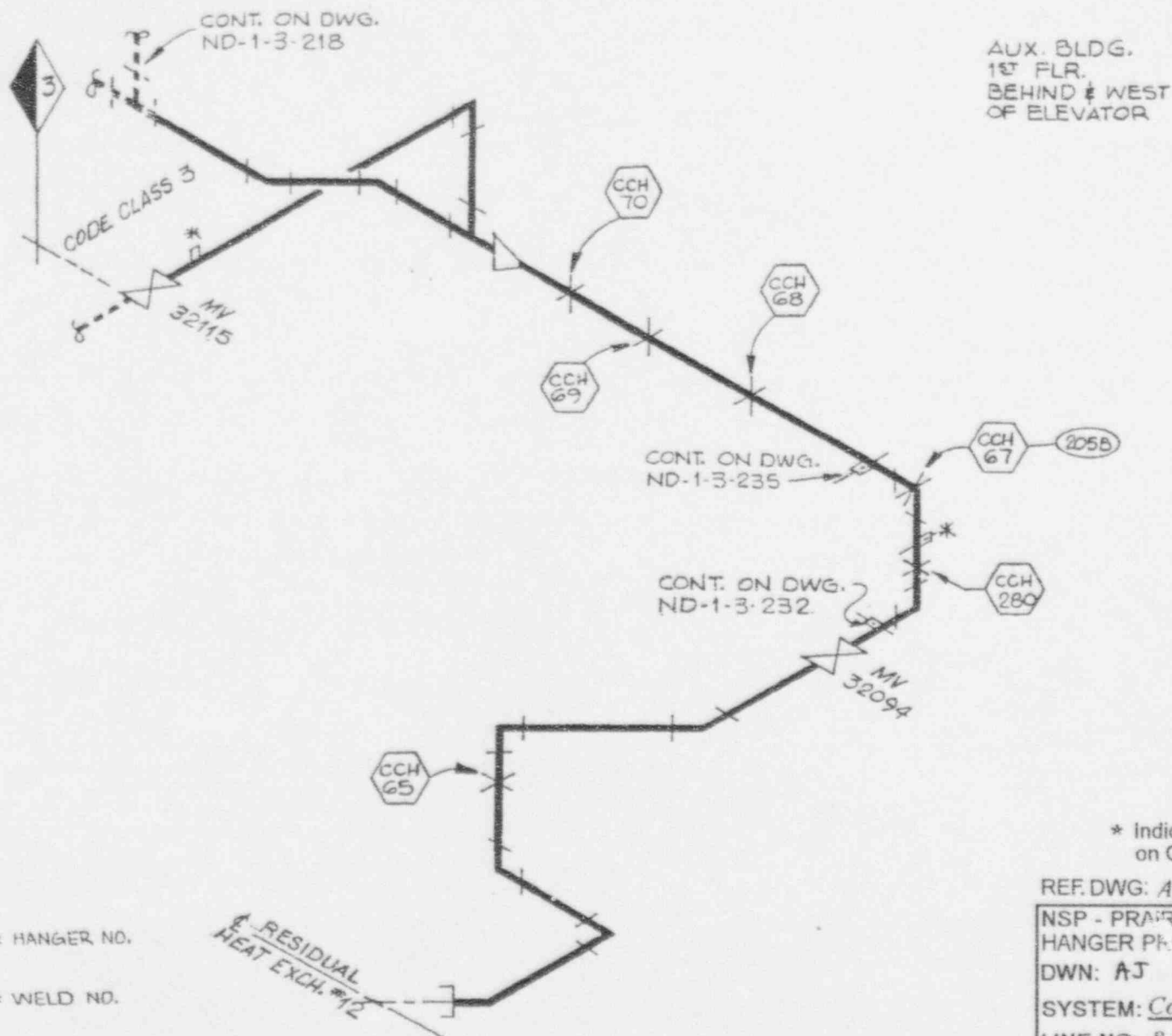
* Indicates No Supports Required
on Continuation Drawing

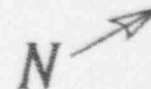
REF. DWG: A-6635, A-6628

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: <i>AS</i>	CHKD: <i>MV</i> APPD: <i>CMK</i>
SYSTEM: <i>Component Cooling</i>	
LINE NO: <i>As Noted</i>	
DWG NO: <i>ND-1-3-225</i>	REV: <i>2</i>

○ HANGER N°

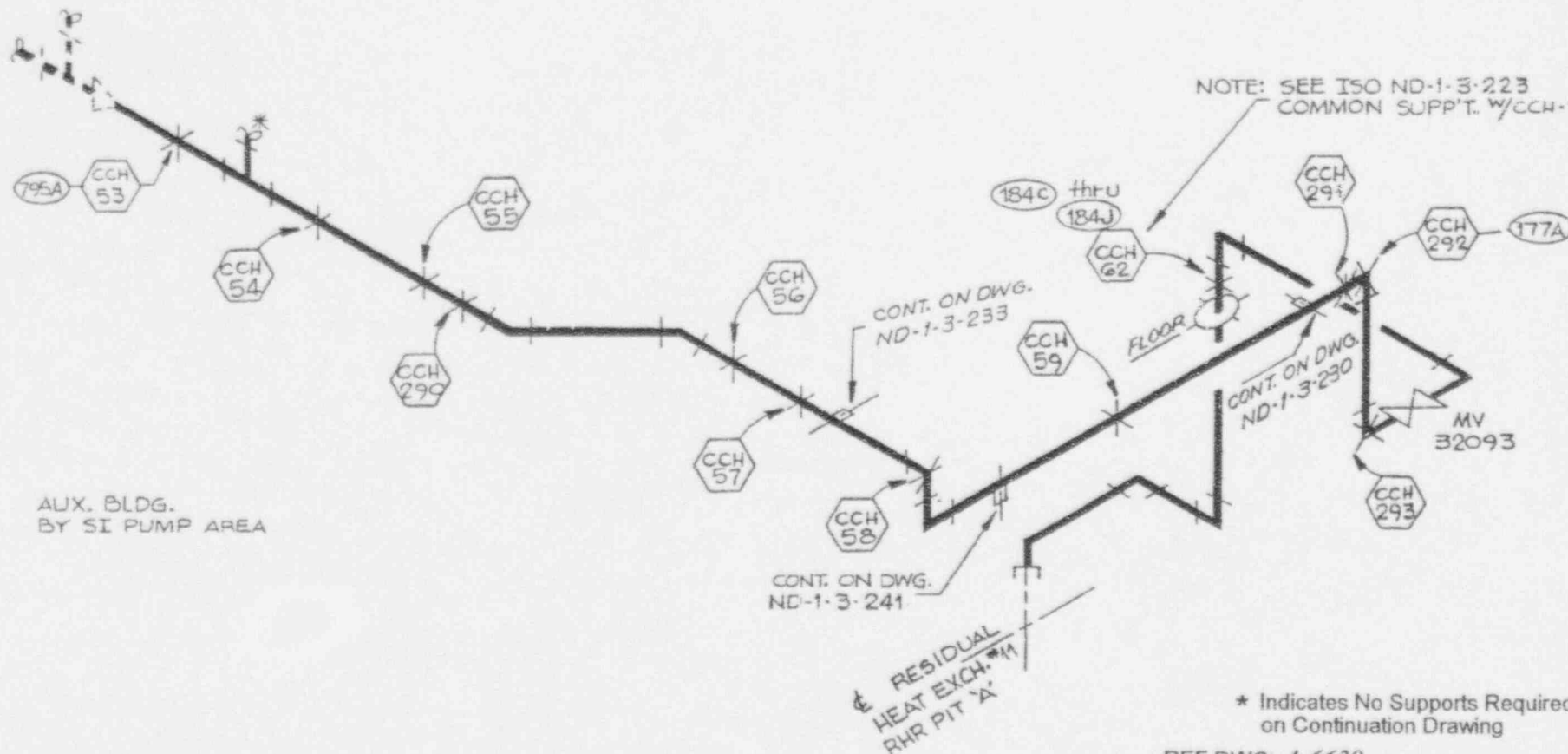
○ WELD N°





CONT. ON DWG.
ND-1-3-219

NOTE: SEE ISO ND-1-3-223
COMMON SUPP'T. W/CCH-194



AUX. BLDG.
BY SI PUMP AREA

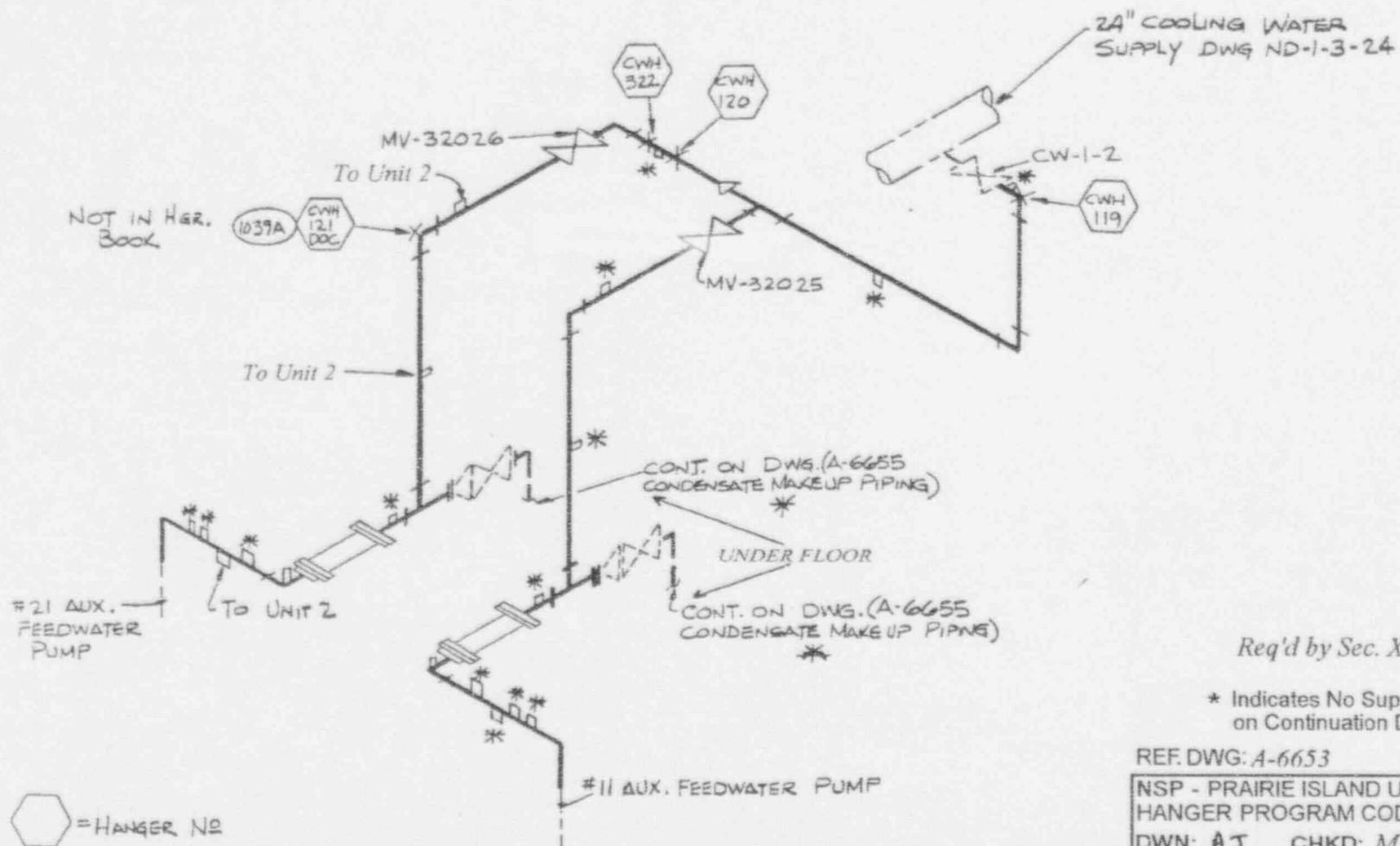
⬡ = HANGER N°

○ = WELD N°

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6630

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AS	CHKD: MV
APPD: <i>CM</i>	
SYSTEM: <u>Component Cooling</u>	
LINE NO: <u>10-CC-8</u>	
DWG NO: <u>ND-1-3-228</u>	REV: <u>2</u>



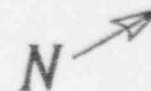
= HANGER NO
 = WELD NO

Req'd by Sec. XI

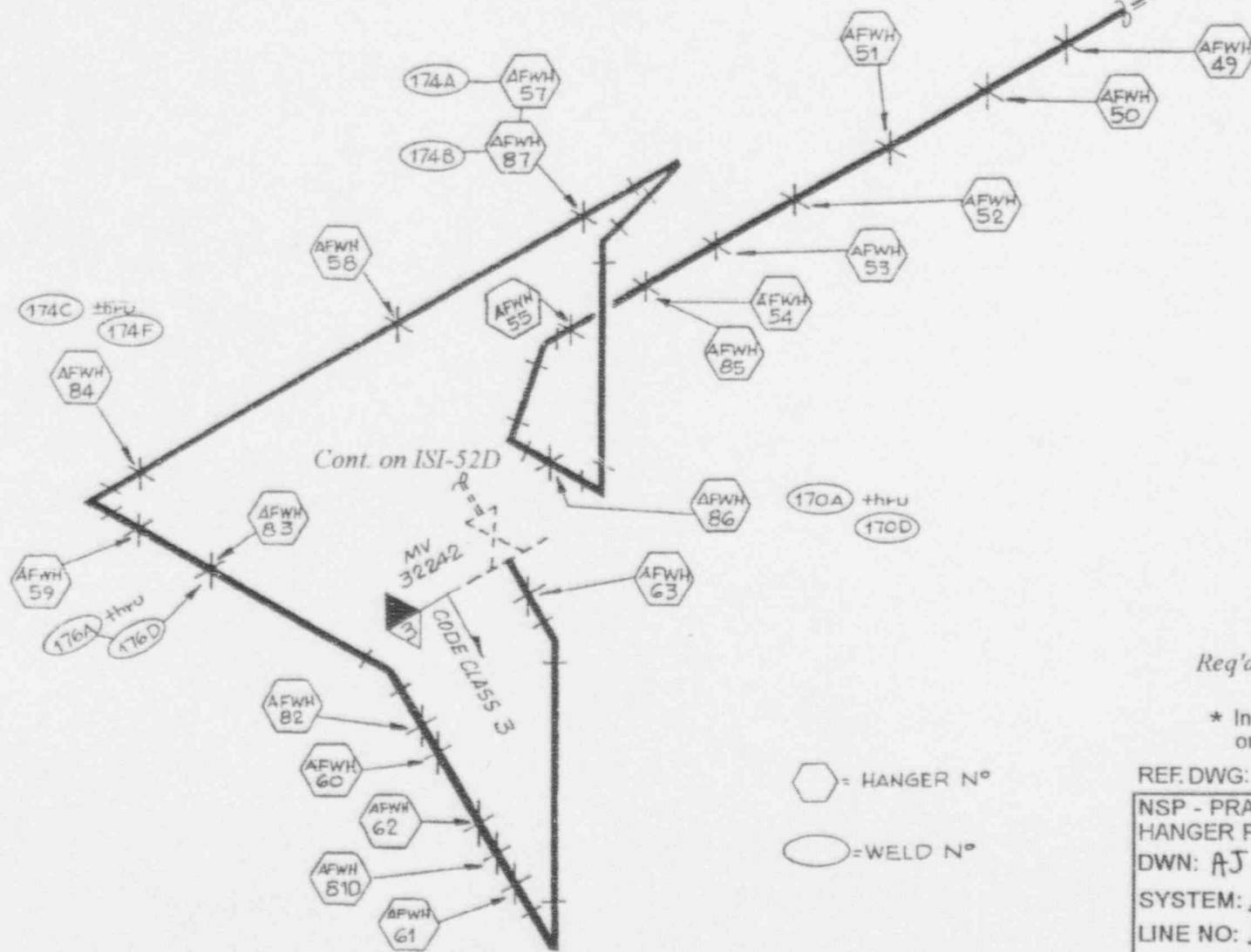
* Indicates No Supports Required on Continuation Drawing

REF. DWG: A-6653

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: CMK
SYSTEM: Cooling Water	
LINE NO: 4-AF-2	
DWG NO: ND-1-3-244	REV: 1



CONT. ON DWG.
ND-1-3-249



Req'd by Sec. XI

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6702

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: CMK
SYSTEM: Aux. Feedwater	
LINE NO: 3-AF-9	
DWG NO: ND-1-3-248	REV: 1

Aux. Bldg.

Aux. Fdwtr. Pump Room

CONT. ON DWG.
ND-1-3-253



CONT. ON DWG.
ND-1-3-252

AF-15-3
MV 32381

MV 32238

AF-15-1

AFWH 19

AFWH 9

AFWH 42

AFWH 17

141B

AFWH 21

151AR

AFWH 44

154AR

AFWH 24

AFWH 25

AFWH 45

AFWH 46

AFWH 47

AFWH 27

AFWH 48

CONT. ON DWG.
ND-1-3-243

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6702

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AS CHKD: MV APPD: CMK

SYSTEM: Aux. Feedwater

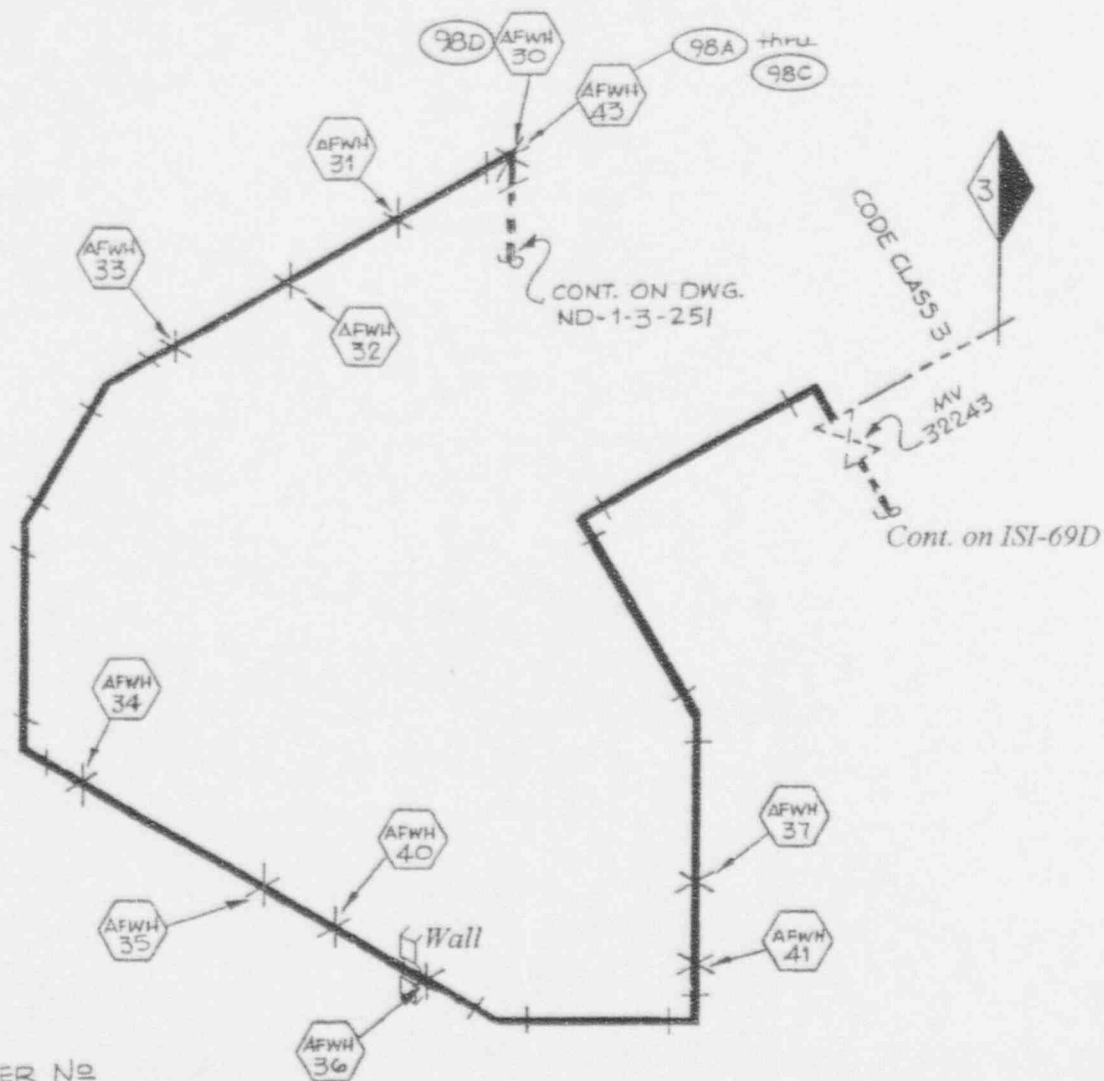
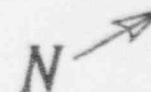
LINE NO: 3-AF-9

DWG NO: ND-1-3-249

REV: 1

⬡ = HANGER N°

○ = WELD N°



○ = HANGER No.

○ = WELD No.

Req'd by Sec. XI

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6701

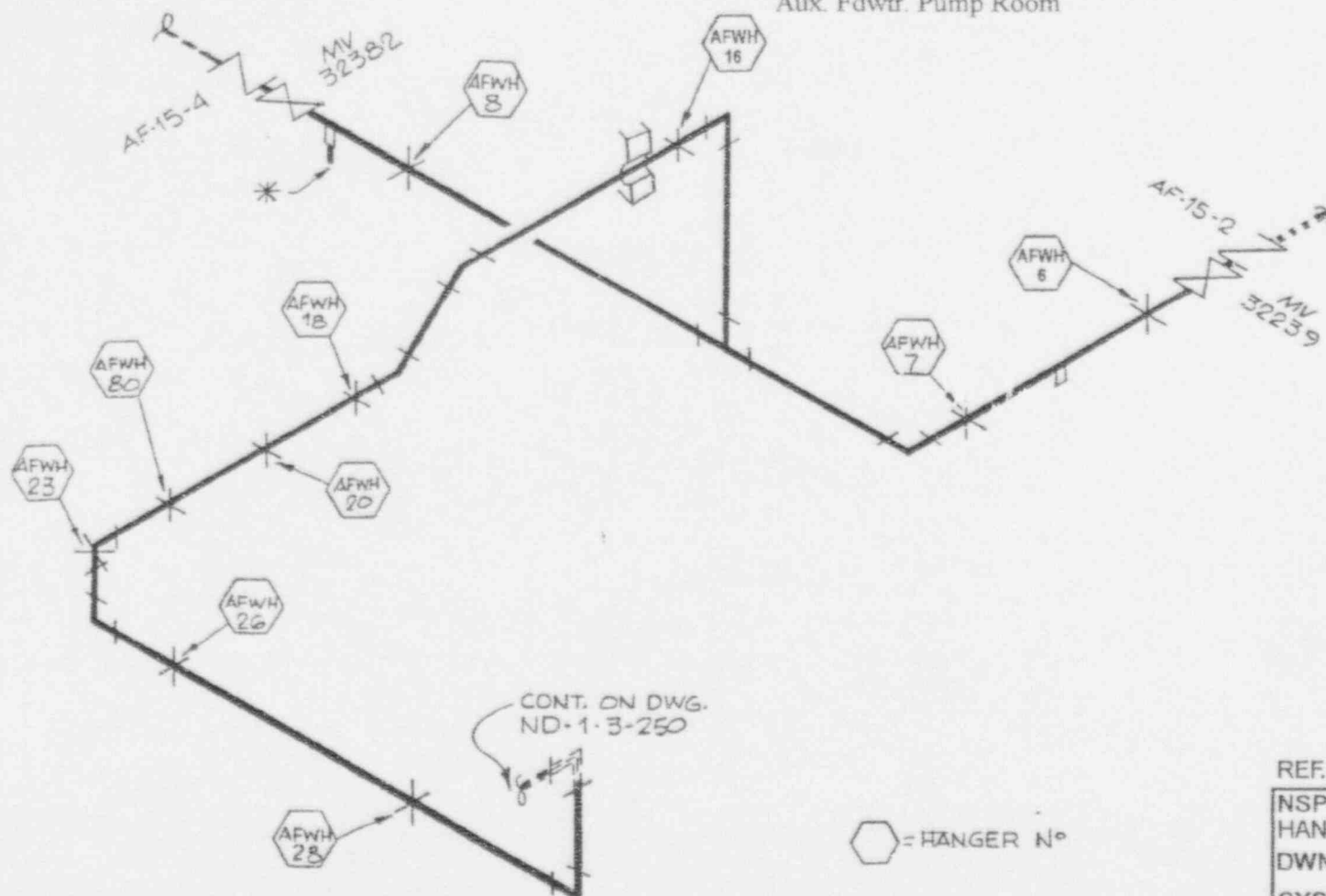
NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: CAK
SYSTEM: Aux Feedwater	
LINE NO: 3-AF-10	
DWG NO: ND-1-3-250	REV: 1



CONT. ON DWG.
ND-1-3-252

Aux. Fdwtr. Pump Room

CONT. ON DWG.
ND-1-3-253



CONT. ON DWG.
ND-1-3-250

Req'd by Sec. XI

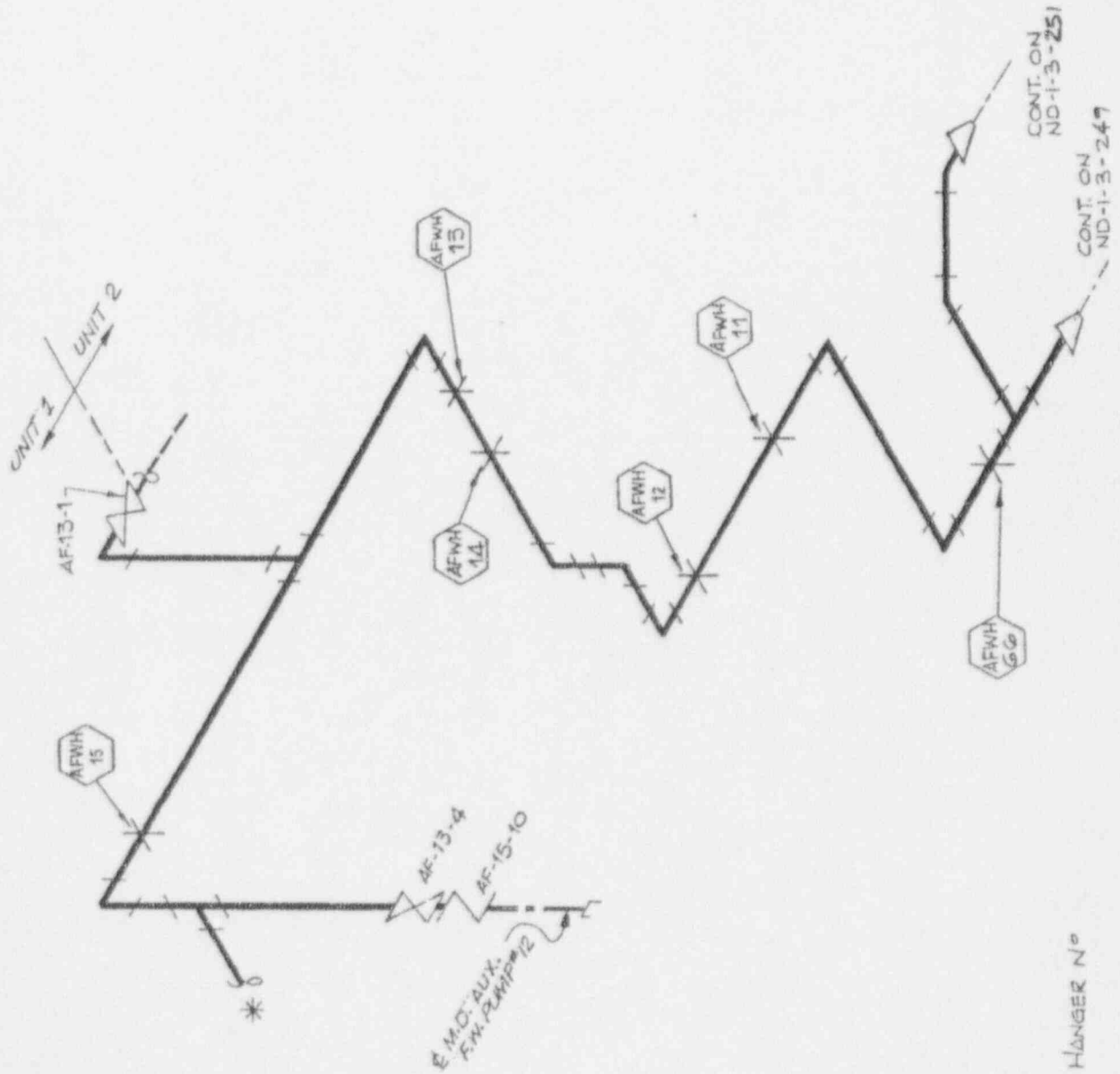
* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6701

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: CAK
SYSTEM: Aux. Feedwater	
LINE NO: 3-AF-9, 3-AF-10	
DWG NO: ND-1-3-251	REV: 1

○ = HANGER N°

○ = WELD N°

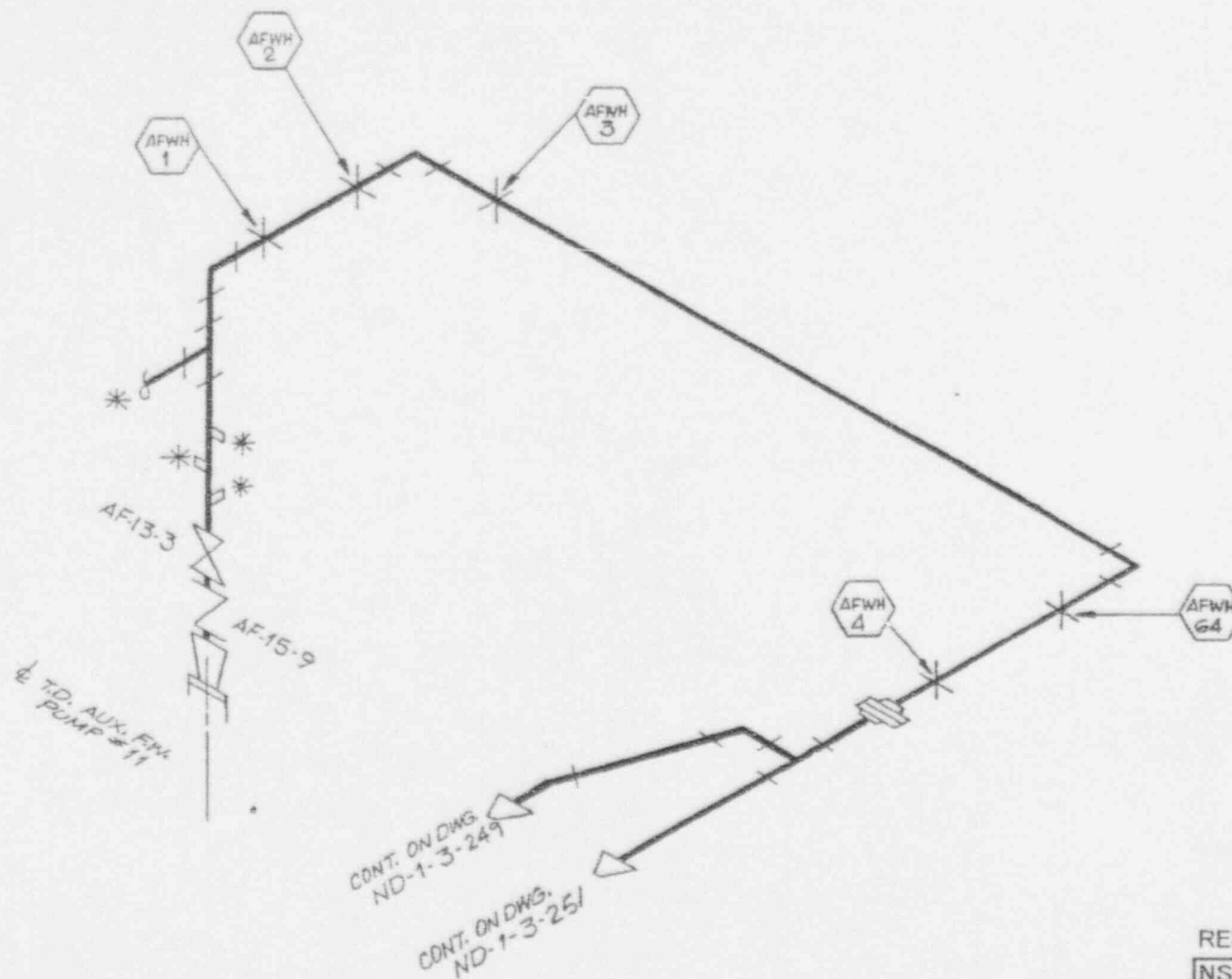
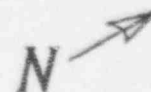


Req'd by Sec. XI

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: A-6699

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: CMK
SYSTEM: Aux. Feedwater	
LINE NO: 3-AF-6	
DWG NO: ND-1-3-252	REV: 1



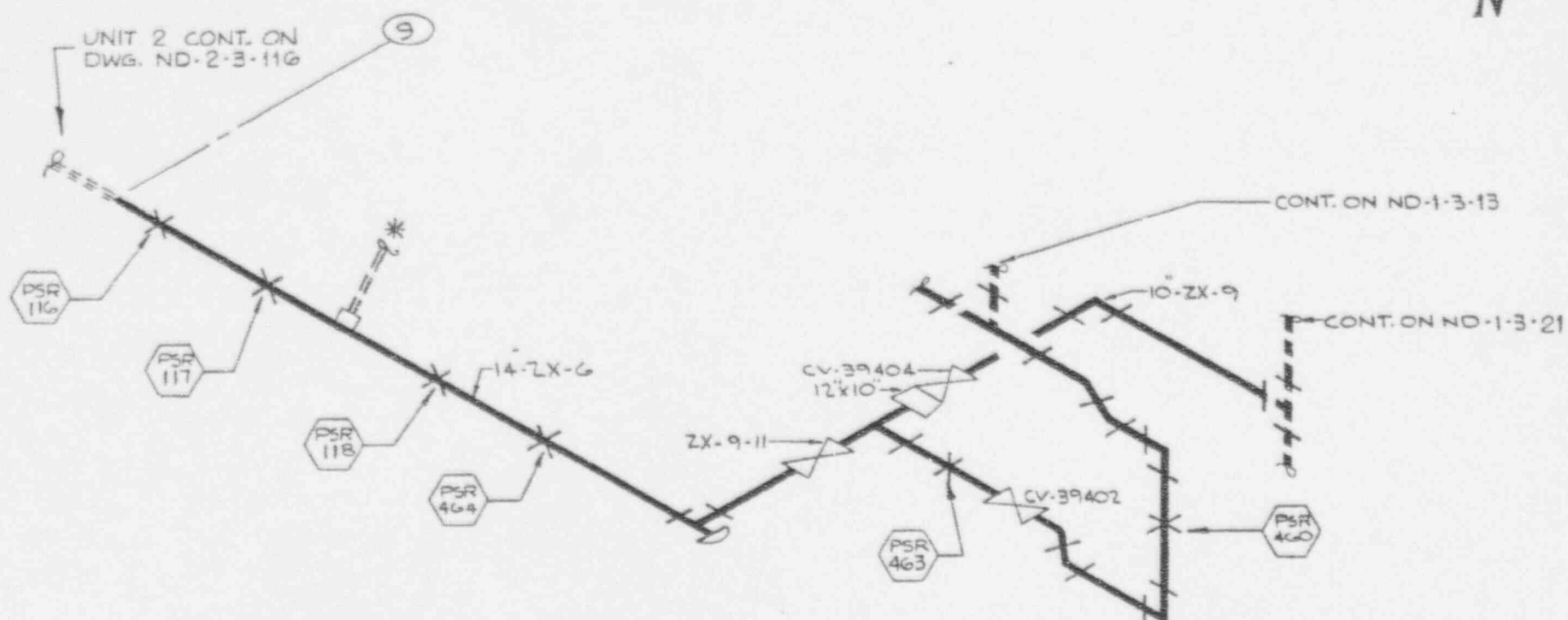
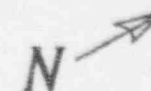
 = HANGER NO

Req'd by Sec. XI

* Indicates No Supports Required on Continuation Drawing

REF. DWG: A-6699

NSP - PRAIRIE ISLAND UNIT 1	ISI
HANGER PROGRAM CODE CLASS 3	
DWN: AJ	CHKD: MV APPD: CMK
SYSTEM: Aux. Feedwater	
LINE NO: 3-AF-3	
DWG NO: ND-1-3-253	REV: 1



Aux BLDG.
1ST FLOOR

⬡ = HANGER NO.

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: NF-86171-1, NF-86171-7

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AJ CHKD: MV APPD: CAK

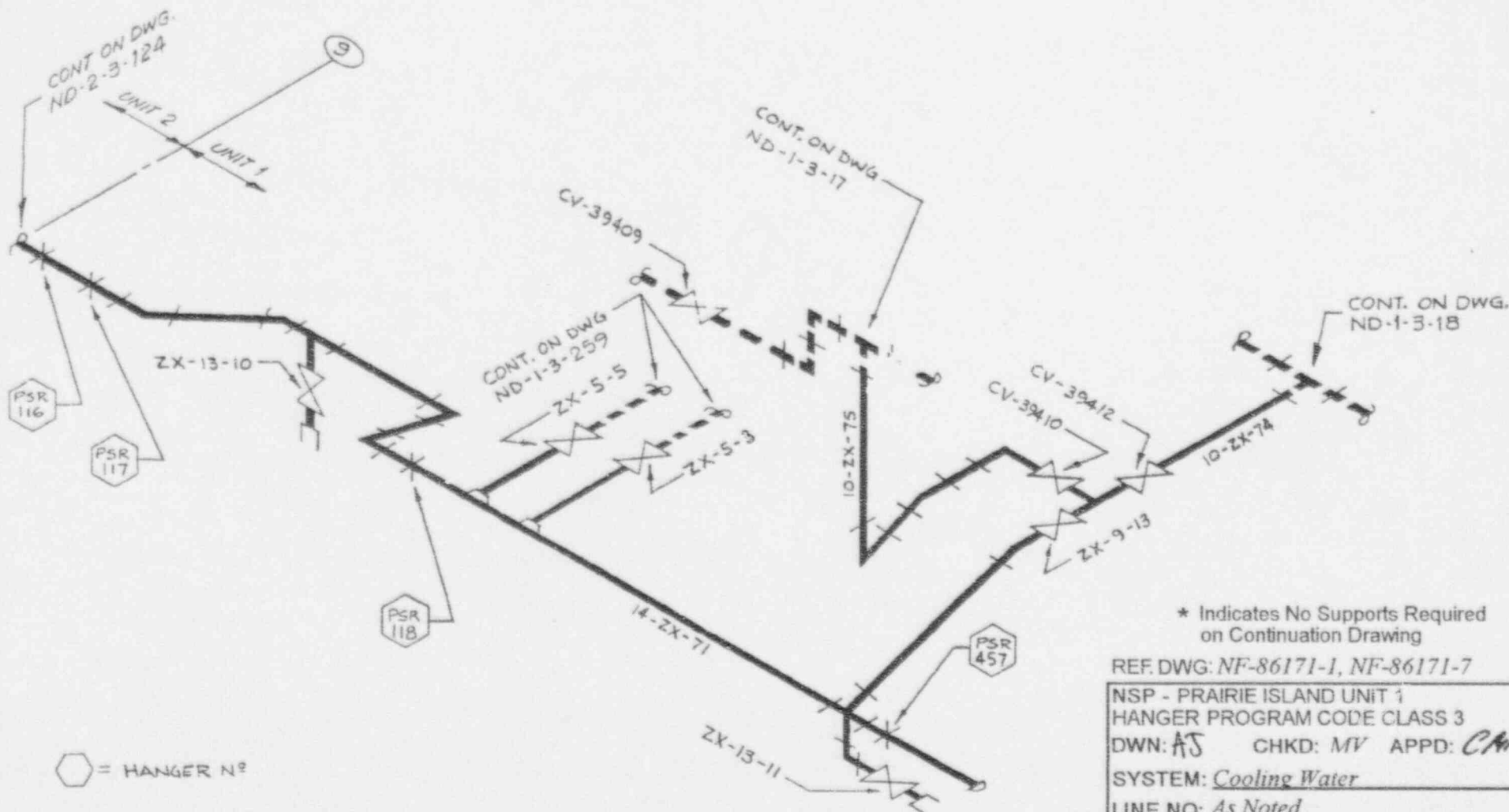
SYSTEM: Cooling Water

LINE NO: As Noted

DWG NO: ND-1-3-254 REV: 2



AUX BLDG.
1ST FLOOR



* Indicates No Supports Required
on Continuation Drawing

REF. DWG: NF-86171-1, NF-86171-7

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AS CHKD: MV APPD: CAK

SYSTEM: Cooling Water

LINE NO: As Noted

DWG NO: ND-1-3-258

REV: 2

AUX. F.W. PUMP ROOM



RAFWH
101

FOR AUX F.W. PUMP#11

RAFWH
105

FOR AUX. F.W. PUMP#12

⬡ = HANGER N°

AUX F.W. PUMP LUBE OIL COOLERS

Req'd by Sec. XI

* Indicates No Supports Required
on Continuation Drawing

REF. DWG: NF-39316-4

NSP - PRAIRIE ISLAND UNIT 1 ISI

HANGER PROGRAM CODE CLASS 3

DWN: AS CHKD: MV APPD: CAK

SYSTEM: Aux. Feedwater

LINE NO: 2"

DWG NO: ND-1-3-265 REV: 1

INSERVICE INSPECTION PLAN AND SCHEDULE

The following are notes applicable to the following table, entitled "Prairie Island Nuclear Generating Plant - Unit 1 Inservice Inspection Program Plan and Schedule."

General Notes:

- AA. Components may be rescheduled within the same period. Longitudinal welds are examined with the associated circumferential welds.
- BB. All applicable hanger and attachment weld examinations will be performed on a given hanger at the same time (i.e. F-A represents all required exams per hanger).
- CC. C X, XX are items exempted from inspection per Table IWC-2500-1, Item C 5. 10, C 5. 40, C 5. 50 and C 5. 80, but are included in the total population.
- DD. The system leakage tests described by Section XI, Items B15.10, B15.40, B15.50, B.15.60, B.15.70, C 7.10, C 7.30, C 7.50 and C 7.70 are performed each refueling outage in accordance with Prairie Island Unit 1 plant procedures. Record information of examination results are maintained by the Plant.
- EE. The system hydrostatic tests described by Section XI, Items B15.11, B.15.41, B.15.51, B.15.61, B.15.71, C 7.20, C 7.40, C 7.60, C 7.80, D 1.10, D 2.10 and D 3.10 are performed at, or near, the end of each Interval in accordance with Prairie Island Unit 1 plant procedures. Record information of examination results are maintained by the Plant.
- FF. The system function tests described by Section XI, Items D1.10, D2.10 and D3.10 are performed at, or near, the end of each Interval in accordance with Prairie Island Unit 1 plant procedures. Record information of examination results are maintained by the Plant.

NDE Notes used on the following Table:

- A. The internal surface visual examination is done during maintenance: Darling Check Valves - Accumulator Discharge: VT-1 of one valve.

- B. The internal surface visual examination is done during maintenance:
Velan Motor Operated Gate Valves - Residual Heat Removal Return: VT-1 of one valve.
- C. The internal surface visual examination is done during maintenance:
Velan Check Valves - Safety Injection: VT-1 of one valve.
- D. The internal surface visual examination is done during maintenance:
Darling Motor Operated Gate Valve - Residual Heat Removal: VT-1 of one valve in each size.
- E. The internal surface visual examination is done during maintenance:
Crosby Relief Valve - Pressurizer Safety: VT-1 of one valve.
- G. Dissimilar metal weld.
- H. Encapsulated.
- I. Enclosed in guard pipe.

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI- 1A	H-2	F-A										
CHARGING LINE 'B'	SNUBBER		VT3				S					
ISI- 1A	H-3	F-A										
CHARGING LINE 'B'	SNUBBER		VT3				S					
ISI- 1A	H-1	F-A										
CHARGING LINE 'B'	HANGER/4 LUGS		VT3						S			
ISI- 1A	W-13	B 9. 40										
CHARGING LINE 'B'	PIPE - HALF COUPLING		PT				S					
ISI- 1A	W-4	B 9. 21										
CHARGING LINE 'B'	PIPE - 45° ELBOW		PT									
ISI- 1A	W-3	B 9. 21										
CHARGING LINE 'B'	ELBOW - PIPE		PT							S		
ISI- 1A	W-2	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW		PT							S		
ISI- 1A	W-1	B 9. 21										
CHARGING LINE 'B'	ELBOW - PIPE		PT									
ISI- 1A	W-12	B 9. 21										
CHARGING LINE 'B'	ELBOW - PIPE		PT				S					
ISI- 1A	W-11	B 9. 21										
CHARGING LINE 'B'	45° ELBOW - ELBOW		PT									
ISI- 1A	W-10	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW 45°		PT									
ISI- 1A	W-9	B 9. 21										
CHARGING LINE 'B'	ELBOW - PIPE		PT									
ISI- 1A	W-8	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW		PT									
ISI- 1A	W-7	B 9. 21										
CHARGING LINE 'B'	45° ELBOW - PIPE		PT									
ISI- 1A	W-6	B 9. 21										
CHARGING LINE 'B'	PIPE - 45° ELBOW		PT									
ISI- 1A	W-5	B 9. 21										
CHARGING LINE 'B'	45° ELBOW - PIPE		PT									
ISI- 1A	W-14	B 9. 32										
CHARGING LINE 'B'	HALF COUPLING - PIPE		PT				S					
ISI- 1B	H-1	F-A										
CHARGING LINE 'B'	RUPTURE RESTRAINT		VT3						S			
ISI- 1B	H-2	F-A										
CHARGING LINE 'B'	RID LAT RESTRAINT		VT3							S		
ISI- 1B	H-7	F-A										
CHARGING LINE 'B'	SPRING CLAMP		VT3			S						
ISI- 1B	H-5	F-A										
CHARGING LINE 'B'	RID LAT RESTRAINT		VT3				S					
ISI- 1B	H-6	F-A										
CHARGING LINE 'B'	LATERAL RESTRAINT		VT3			S						
ISI- 1B	H-4	F-A										
CHARGING LINE 'B'	LATERAL RESTRAINT		VT3				S					
ISI- 1B	H-3	F-A										
CHARGING LINE 'B'	RIGID RESTRAINT		VT3				S					
ISI- 1B	W-18	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW		PT									
ISI- 1B	W-17	B 9. 21										
CHARGING LINE 'B'	45° ELBOW - PIPE		PT									
ISI- 1B	W-16	B 9. 21										
CHARGING LINE 'B'	PIPE - 45° ELBOW		PT									
ISI- 1B	W-15	B 9. 21										
CHARGING LINE 'B'	ELBOW - PIPE		PT				S					
ISI- 1B	W-14	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW		PT									
ISI- 1B	W-13	B 9. 21										
CHARGING LINE 'B'	45° ELBOW - PIPE		PT									
ISI- 1B	W-12	B 9. 21										
CHARGING LINE 'B'	PIPE - 45° ELBOW		PT							S		
ISI- 1B	W-11	B 9. 21										
CHARGING LINE 'B'	45° ELBOW - PIPE		PT							S		
ISI- 1B	W-10	B 9. 21										
CHARGING LINE 'B'	PIPE - 45° ELBOW		PT									
ISI- 1B	W-9	B 9. 21										
CHARGING LINE 'B'	ELBOW - PIPE		PT									
ISI- 1B	W-8	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW		PT									
ISI- 1B	W-7	B 9. 21										
CHARGING LINE 'B'	Valve - PIPE		PT							S		
ISI- 1B	W-6	B 9. 21										
CHARGING LINE 'B'	PIPE - Valve		PT							S		

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI- 1B	W-5	B 9. 21										
CHARGING LINE 'B'	45' ELBOW - PIPE		PT									
ISI- 1B	W-4	B 9. 21										
CHARGING LINE 'B'	ELBOW - 45' ELBOW		PT									
ISI- 1B	W-3	B 9. 21										
CHARGING LINE 'B'	RED TEE - ELBOW		PT									
ISI- 1B	W-2	B 9. 21										
CHARGING LINE 'B'	PIPE - RED TEE		PT									
ISI- 1B	W-1	B 9. 40										
CHARGING LINE 'B'	VALVE - PIPE		PT									
ISI- 1C	H-3	F-A										
CHARGING LINE 'B'	RUPTURE RESTRAINT		VT3								S	
ISI- 1C	H-1	F-A										
CHARGING LINE 'B'	ANCHOR		VT3				S					
ISI- 1C	H-2	F-A										
CHARGING LINE 'B'	LAT RESTRAINT/U-BOLT		VT3			S						
ISI- 1C	W-9	B 9. 21										
CHARGING LINE 'B'	PIPE - Valve		PT								S	
ISI- 1C	W-8	B 9. 21										
CHARGING LINE 'B'	RED TEE - PIPE		PT									
ISI- 1C	W-7	B 9. 21										
CHARGING LINE 'B'	PIPE - RED TEE		PT									
ISI- 1C	W-6	B 9. 21										
CHARGING LINE 'B'	VALVE - PIPE		PT									
ISI- 1C	W-4	B 9. 21										
CHARGING LINE 'B'	RED TEE - PIPE		PT			S						
ISI- 1C	W-3	B 9. 21										
CHARGING LINE 'B'	PIPE - RED TEE		PT									
ISI- 1C	W-5	B 9. 21										
CHARGING LINE 'B'	PIPE - VALVE		PT									
ISI- 1C	W-2	B 9. 21										
CHARGING LINE 'B'	TEE - PIPE		PT									
ISI- 1C	W-1	B 9. 21										
CHARGING LINE 'B'	PIPE - TEE		PT				S					
ISI- 1D	H-1	F-A										
CHARGING LINE 'B'	RIGID HANGER		VT3					S				
ISI- 1D	W-15	B 9. 21										
CHARGING LINE 'B'	TEE - PIPE		PT								S	
ISI- 1D	W-14	B 9. 21										
CHARGING LINE 'B'	TEE - REDUCER		PT									
ISI- 1D	W-13	B 9. 21										
CHARGING LINE 'B'	ELBOW - TEE		PT									
ISI- 1D	W-12	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW		PT									
ISI- 1D	W-11	B 9. 21										
CHARGING LINE 'B'	ELBOW - PIPE		PT			S						
ISI- 1D	W-10	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW		PT									
ISI- 1D	W-9	B 9. 21										
CHARGING LINE 'B'	ELBOW - PIPE		PT					S				
ISI- 1D	W-8	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW		PT									
ISI- 1D	W-7	B 9. 21										
CHARGING LINE 'B'	ELBOW - PIPE		PT					S				
ISI- 1D	W-6	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW		PT									
ISI- 1D	W-5	B 9. 21										
CHARGING LINE 'B'	TEE - PIPE		PT									
ISI- 1D	W-4	B 9. 21										
CHARGING LINE 'B'	TEE - REDUCER		PT									
ISI- 1D	W-3	B 9. 21										
CHARGING LINE 'B'	ELBOW - TEE		PT									
ISI- 1D	W-2	B 9. 21										
CHARGING LINE 'B'	PIPE - ELBOW		PT									
ISI- 1D	W-1	B 9. 40										
CHARGING LINE 'B'	SOCKOLET - PIPE		PT									
ISI- 1E	W-15	B 9. 40										
CHARGING LINE 'B'	PIPE - SOCKOLET		PT									
ISI- 1E	H-5	F-A										
CHARGING LINE 'B'	RIGID RESTRAINT		VT3					S				
ISI- 1E	H-1	F-A										
CHARGING LINE 'B'	SPRING & LATERAL		VT3								S	
ISI- 1E	H-2	F-A										
CHARGING LINE 'B'	SPRING CLAMP		VT3								S	

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule									
					94	96	97	99	00	02				
ISI- 1E	H-3	F-A												
CHARGING LINE 'B'	LATERAL RESTRAINT		VT3			S								
ISI- 1E	H-4	F-A												
CHARGING LINE 'B'	ROD/CLAMP		VT3			S								
ISI- 1E	H-6	F-A												
CHARGING LINE 'B'	LATERAL RESTRAINT		VT3					S						
ISI- 1E	W-14	B 9. 21												
CHARGING LINE 'B'	45° ELBOW - PIPE		PT											
ISI- 1E	W-13	B 9. 21												
CHARGING LINE 'B'	PIPE - 45° ELBOW		PT											
ISI- 1E	W-12	B 9. 21												
CHARGING LINE 'B'	45° ELBOW - PIPE		PT											
ISI- 1E	W-11	B 9. 21												
CHARGING LINE 'B'	PIPE - 45° ELBOW		PT											
ISI- 1E	W-10	B 9. 21												
CHARGING LINE 'B'	ELBOW - PIPE		PT											
ISI- 1E	W-9	B 9. 21												
CHARGING LINE 'B'	PIPE - ELBOW		PT											
ISI- 1E	W-8	B 9. 21												
CHARGING LINE 'B'	ELBOW - PIPE		PT					S						
ISI- 1E	W-7	B 9. 21												
CHARGING LINE 'B'	PIPE - ELBOW		PT											
ISI- 1E	W-6	B 9. 21												
CHARGING LINE 'B'	ELBOW - PIPE		PT											
ISI- 1E	W-5	B 9. 21												
CHARGING LINE 'B'	PIPE - ELBOW		PT			S								
ISI- 1E	W-4	B 9. 21												
CHARGING LINE 'B'	PIPE - PIPE		PT											
ISI- 1E	W-3	B 9. 21												
CHARGING LINE 'B'	45° ELBOW - PIPE		PT										S	
ISI- 1E	W-2	B 9. 21												
CHARGING LINE 'B'	PIPE - 45° ELBOW		PT										S	
ISI- 1E	W-1	B 9. 21												
CHARGING LINE 'B'	ELBOW - PIPE		PT											
ISI- 1F	H-1	F-A												
CHARGING LINE 'B'	DBLE SNUBBER W/CLAMPS		VT3									S		
ISI- 1F	W-8	B 9. 21												
CHARGING LINE 'B'	PIPE - 45° ELBOW		PT											
ISI- 1F	W-7	B 9. 21												
CHARGING LINE 'B'	45° ELBOW - PIPE		PT									S		
ISI- 1F	W-6	B 9. 21												
CHARGING LINE 'B'	PIPE - 45° ELBOW		PT					S						
ISI- 1F	W-5	B 9. 21												
CHARGING LINE 'B'	45° ELBOW - PIPE		PT					S						
ISI- 1F	W-4	B 9. 21												
CHARGING LINE 'B'	RED. TEE - 45° ELBOW		PT											
ISI- 1F	W-3	B 9. 21												
CHARGING LINE 'B'	FLANGE - RED. TEE		PT											
ISI- 1F	W-2	B 9. 21												
CHARGING LINE 'B'	PIPE - FLANGE		PT											
ISI- 1F	W-1	B 9. 21												
CHARGING LINE 'B'	Valve - PIPE		PT											
ISI- 2	B-1	B 7. 70												
ACCUM. DISCHARGE 'A'	BOLTS, STUDS, NUTS		VT1					S						
ISI- 2	B-2	B 7. 70												
ACCUM. DISCHARGE 'A'	BOLTS, STUDS, NUTS		VT1										S	
ISI- 2	H-2	F-A												
ACCUM. DISCHARGE 'A'	HYD. SNUBBER		VT3					S						
ISI- 2	H-1	F-A												
ACCUM. DISCHARGE 'A'	SNUBBER		VT3					S						
ISI- 2	H-3	F-A & B10. 10												
ACCUM. DISCHARGE 'A'	SPRING		VT3										S	
ISI- 2	W-8	B 9. 11												
ACCUM. DISCHARGE 'A'	ELBOW - NOZZLE		PT UT											
ISI- 2	W-7	B 9. 11												
ACCUM. DISCHARGE 'A'	PIPE - ELBOW		PT UT										S	
ISI- 2	W-6	B 9. 11												
ACCUM. DISCHARGE 'A'	VALVE - PIPE		PT UT											
ISI- 2	W-5	B 9. 11												
ACCUM. DISCHARGE 'A'	ELBOW - VALVE		PT UT											
ISI- 2	W-4	B 9. 11												
ACCUM. DISCHARGE 'A'	PIPE - ELBOW		PT UT			S								
ISI- 2	W-3	B 9. 11												
ACCUM. DISCHARGE 'A'	ELBOW - PIPE		PT UT					S						

ISC System	Item Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI- 2	W-2	B 9. 11										
ACCUM. DISCHARGE 'A'	PIPE - ELBOW		PT UT									
ISI- 2	W-1	B 9. 11										
ACCUM. DISCHARGE 'A'	VALVE - PIPE		PT UT									
ISI- 2	W-9	B 9. 31										
ACCUM. DISCHARGE 'A'	NOZZLE - PIPE		PT UT								S	
ISI- 3A	H-1	F-A										
RHR LOOP 'A'	RUPTURE RESTRAINT		VT3								S	
ISI- 3A	H-5	F-A										
RHR LOOP 'A'	RUPTURE RESTRAINT		VT3								S	
ISI- 3A	H-6	F-A										
RHR LOOP 'A'	RUPTURE RESTRAINT		VT3								S	
ISI- 3A	H-8	F-A										
RHR LOOP 'A'	RUPTURE RESTRAINT		VT3				S					
ISI- 3A	B-1	B 7. 70										
RHR LOOP 'A'	VALVE BOLTING		VT1				S					
ISI- 3A	H-4	F-A										
RHR LOOP 'A'	SEISMIC RESTRAINT		VT3			S						
ISI- 3A	H-3	F-A										
RHR LOOP 'A'	DOUBLE SPRING		VT3			S						
ISI- 3A	H-2	F-A										
RHR LOOP 'A'	RIGID RESTRAINT/4 LUGS		VT3			S						
ISI- 3A	H-7	F-A										
RHR LOOP 'A'	RESTRAINT LUGS		VT3				S					
ISI- 3A	W-2	B 9. 11										
RHR LOOP 'A'	NOZZLE - PIPE		PT UT								S	
ISI- 3A	W-11	B 9. 11										
RHR LOOP 'A'	VALVE - PIPE		PT UT									
ISI- 3A	W-12	B 9. 11										
RHR LOOP 'A'	PIPE - ELBOW		PT UT									
ISI- 3A	W-3	B 9. 11										
RHR LOOP 'A'	PIPE - 45° ELBOW		PT UT									
ISI- 3A	W-4	B 9. 11										
RHR LOOP 'A'	45° ELBOW - ELBOW		PT UT									
ISI- 3A	W-5	B 9. 11										
RHR LOOP 'A'	ELBOW - PIPE		PT UT									
ISI- 3A	W-6	B 9. 11										
RHR LOOP 'A'	PIPE - ELBOW		PT UT								S	
ISI- 3A	W-7	B 9. 11										
RHR LOOP 'A'	ELBOW - PIPE		PT UT									
ISI- 3A	W-8	B 9. 11										
RHR LOOP 'A'	PIPE - PIPE		PT UT									
ISI- 3A	W-9	B 9. 11										
RHR LOOP 'A'	PIPE - ELBOW		PT UT			S						
ISI- 3A	W-10	B 9. 11										
RHR LOOP 'A'	ELBOW - VALVE		PT UT									
ISI- 3A	W-1	B 9. 31										
RHR LOOP 'A'	NOZZLE - PIPE		PT UT								S	
ISI- 3B	H-2	F-A										
RHR LOOP 'A'	RUPTURE RESTRAINT		VT3			S						
ISI- 3B	H-3	F-A										
RHR LOOP 'A'	RUPTURE RESTRAINT		VT3			S						
ISI- 3B	H-6	F-A										
RHR LOOP 'A'	RUPTURE RESTRAINT		VT3			S	S					
ISI- 3C	H-1	F-A										
RHR LOOP 'A'	HANGER		VT3							S		
ISI- 3B	H-7	F-A										
RHR LOOP 'A'	SEISMIC RESTRAINT		VT3				S					
ISI- 3B	H-8	F-A										
RHR LOOP 'A'	ROD		VT3				S					
ISI- 3B	H-4	F-A										
RHR LOOP 'A'	STRUT CLAMP		VT3							S		
ISI- 3B	H-1	F-A										
RHR LOOP 'A'	DOUBLE SPRING HANGER		VT3								S	
ISI- 3B	H-5	F-A										
RHR LOOP 'A'	2 HANGER LUGS		VT3			S						
ISI- 3B	W-1	B 9. 11										
RHR LOOP 'A'	ELBOW - PIPE		PT UT								S	
ISI- 3B	W-2	B 9. 11										
RHR LOOP 'A'	PIPE - ELBOW		PT UT									
ISI- 3B	W-3	B 9. 11										
RHR LOOP 'A'	ELBOW - PIPE		PT UT									
ISI- 3B	W-4	B 9. 11										
RHR LOOP 'A'	PIPE - 45° ELBOW		PT UT									

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI- 3B RHR LOOP 'A'	W-5 45' ELBOW - PIPE	B 9. 11	PT UT				S					
ISI- 3C RHR LOOP 'A'	W-1 PIPE - 45' ELBOW	B 9. 11	PT UT						S			
ISI- 3C RHR LOOP 'A'	H-9 RUPTURE RESTRAINT	F-A	VT3			S	S					
ISI- 3C RHR LOOP 'A'	H-5 RUPTURE RESTRAINT	F-A	VT3					S	S			
ISI- 3C RHR LOOP 'A'	H-3 RUPTURE RESTRAINT	F-A	VT3					S	S			
ISI- 3C RHR LOOP 'A'	H-7 RUPTURE RESTRAINT	F-A	VT3				S					
ISI- 3C RHR LOOP 'A'	B-1 Valve Bolting	B 7. 70	VT1			S						
ISI- 3C RHR LOOP 'A'	H-8 ROD HANGER	F-A	VT3			S						
ISI- 3C RHR LOOP 'A'	H-6 SNUBBER/CLAMP	F-A	VT3				S					
ISI- 3C RHR LOOP 'A'	H-4 ROD/CLAMP	F-A	VT3					S				
ISI- 3C RHR LOOP 'A'	H-2 HANGER LUGS 2	F-A	VT3						S			
ISI- 3C RHR LOOP 'A'	H-10 2 LUGS	F-A	VT3			S						
ISI- 3C RHR LOOP 'A'	W-2 45' ELBOW - PIPE	B 9. 11	PT UT			S						
ISI- 3C RHR LOOP 'A'	W-3 PIPE - ELBOW	B 9. 11	PT UT									
ISI- 3C RHR LOOP 'A'	W-4 ELBOW - PIPE	B 9. 11	PT UT					S				
ISI- 3C RHR LOOP 'A'	W-5 PIPE - ELBOW	B 9. 11	PT UT									
ISI- 3C RHR LOOP 'A'	W-6 ELBOW - PIPE	B 9. 11	PT UT									
ISI- 3C RHR LOOP 'A'	W-7 PIPE - ELBOW	B 9. 11	PT UT									
ISI- 3C RHR LOOP 'A'	W-8 ELBOW - PIPE	B 9. 11	PT UT									
ISI- 3C RHR LOOP 'A'	W-9 PIPE - ELBOW	B 9. 11	PT UT									
ISI- 3C RHR LOOP 'A'	W-10 ELBOW - Valve	B 9. 11	PT UT			S						
ISI- 9 SIS HIGH HEAD 'A'	B-1 Valve Bolting	B 7. 70	VT1					S				
ISI- 9 SIS HIGH HEAD 'A'	W-10 ELBOW - NOZZLE	B 9. 11	PT UT					S				
ISI- 9 SIS HIGH HEAD 'A'	W-9 VALVE - ELBOW	B 9. 11	PT UT									
ISI- 9 SIS HIGH HEAD 'A'	W-8 REDUCER - VALVE	B 9. 11	PT UT									
ISI- 9 SIS HIGH HEAD 'A'	W-11 NOZZLE - PIPE	B 9. 31	PT UT					S				
ISI- 5A SPRAY TO PRESSURIZER	H-2 RUPTURE RESTRAINT	F-A	VT3							S		
ISI- 5A SPRAY TO PRESSURIZER	H-5 RIGID/CLAMP	F-A	VT3					S				
ISI- 5A SPRAY TO PRESSURIZER	H-6 HYDR SNUBBER/CLAMP	F-A	VT3					S				
ISI- 5A SPRAY TO PRESSURIZER	H-4 HYDR SNUBBER/CLAMP	F-A	VT3				S					
ISI- 5A SPRAY TO PRESSURIZER	H-1 DOUBLE SNUBBER/CLAMP	F-A	VT3							S		
ISI- 5A SPRAY TO PRESSURIZER	H-3 DOUBLE SPRING	F-A	VT3				S					
ISI- 5A SPRAY TO PRESSURIZER	W-2 NOZZLE - ELBOW	B 9. 21	PT									
ISI- 5A SPRAY TO PRESSURIZER	W-12 ELBOW - PIPE	B 9. 21	PT				S					
ISI- 5A SPRAY TO PRESSURIZER	W-13 PIPE - 45' ELBOW	B 9. 21	PT					S				
ISI- 5A SPRAY TO PRESSURIZER	W-14 45' ELBOW - PIPE	B 9. 21	PT									
ISI- 5A SPRAY TO PRESSURIZER	W-17 PIPE - 45' ELBOW	B 9. 21	PT									

Third Year
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI- 5A	W-3	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5A	W-4	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - ELBOW		PT									
ISI- 5A	W-5	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5A	W-6	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - VALVE		PT									
ISI- 5A	W-7	B 9. 21										
SPRAY TO PRESSURIZER	VALVE - ELBOW		PT								S	
ISI- 5A	W-8	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5A	W-9	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - REDUCING TEE		PT									
ISI- 5A	W-10	B 9. 21										
SPRAY TO PRESSURIZER	REDUCING TEE - PIPE		PT				S					
ISI- 5A	W-11	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - ELBOW		PT									
ISI- 5A	W-16	B 9. 21										
SPRAY TO PRESSURIZER	VALVE - PIPE		PT									
ISI- 5A	W-15	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - VALVE		PT									
ISI- 5A	W-1	B 9. 32										
SPRAY TO PRESSURIZER	PIPE - NOZZLE		PT									
ISI- 5B	H-6	F-A										
SPRAY TO PRESSURIZER	DOUBLE SNUBBER/CLAMP		VT3			S						
ISI- 5B	H-5	F-A										
SPRAY TO PRESSURIZER	ANCHOR HANGER		VT3			S						
ISI- 5B	H-4	F-A										
SPRAY TO PRESSURIZER	ROD /CLAMP		VT3				S					
ISI- 5B	H-3	F-A										
SPRAY TO PRESSURIZER	RIGID HANGER		VT3				S					
ISI- 5B	H-2	F-A										
SPRAY TO PRESSURIZER	DOUBLE HYDR SNUBBER		VT3				S					
ISI- 5B	H-1	F-A										
SPRAY TO PRESSURIZER	ROD/CLAMP		VT3				S					
ISI- 5B	H-7	F-A										
SPRAY TO PRESSURIZER	DOUBLE STRUT W/CLAMP		VT3								S	
ISI- 5B	H-8	F-A										
SPRAY TO PRESSURIZER	ROD/CLAMP		VT3								S	
ISI- 5B	W-15	B 9. 21										
SPRAY TO PRESSURIZER	TEE - PIPE		PT									
ISI- 5B	W-16	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - ELBOW		PT								S	
ISI- 5B	W-17	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5B	W-18	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - ELBOW		PT									
ISI- 5B	W-1	B 9. 21										
SPRAY TO PRESSURIZER	45° ELBOW - PIPE		PT									
ISI- 5B	W-2	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - ELBOW		PT				S					
ISI- 5B	W-3	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5B	W-4	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - ELBOW		PT				S					
ISI- 5B	W-5	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5B	W-6	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - 45° ELBOW		PT			S						
ISI- 5B	W-7	B 9. 21										
SPRAY TO PRESSURIZER	45° ELBOW - PIPE		PT									
ISI- 5B	W-8	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - 45° ELBOW		PT									
ISI- 5B	W-9	B 9. 21										
SPRAY TO PRESSURIZER	45° ELBOW - PIPE		PT									
ISI- 5B	W-10	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - 45° ELBOW		PT									
ISI- 5B	W-11	B 9. 21										
SPRAY TO PRESSURIZER	45° ELBOW - PIPE		PT									
ISI- 5B	W-12	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - 45° ELBOW		PT			S						
ISI- 5B	W-13	B 9. 21										
SPRAY TO PRESSURIZER	45° ELBOW - PIPE		PT									

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI- 5B	W-14	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - TEE		PT									
ISI- 5C	H-3	F-A				S						
SPRAY TO PRESSURIZER	CONSTANT SUPPORT		VT3									
ISI- 5C	H-2	F-A				S						
SPRAY TO PRESSURIZER	SEISMIC RESTRAINT		VT3									
ISI- 5C	H-1	F-A						S				
SPRAY TO PRESSURIZER	DOUBLE STRUT		VT3									
ISI- 5C	W-1	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5C	W-2	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - PIPE		PT									
ISI- 5C	W-3	B 9. 21						S				
SPRAY TO PRESSURIZER	PIPE - ELBOW		PT									
ISI- 5C	W-4	B 9. 21						S				
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5C	W-5	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - 45° ELBOW		PT									
ISI- 5C	W-6	B 9. 21				S						
SPRAY TO PRESSURIZER	45° ELBOW - PIPE		PT									
ISI- 5C	W-7	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - PIPE		PT									
ISI- 5C	W-8	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - 45° ELBOW		PT									
ISI- 5C	W-9	B 9. 21										
SPRAY TO PRESSURIZER	45° ELBOW - PIPE		PT									
ISI- 5C	W-10	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - PIPE		PT									
ISI- 5C	W-11	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - ELBOW		PT									
ISI- 5C	W-12	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - REDUCER		PT									
ISI- 5C	W-13	B 9. 21									S	
SPRAY TO PRESSURIZER	REDUCER		PT									
ISI- 5C	W-14	B 5. 40		G							S	
SPRAY TO PRESSURIZER	SAFE END TO PRESS		PT									
ISI- 5D	H-5	F-A						S				
SPRAY TO PRESSURIZER	RUPTURE RESTRAINT		VT3									
ISI- 5D	H-7	F-A						S				
SPRAY TO PRESSURIZER	RUPTURE RESTRAINT		VT3									
ISI- 5D	H-2	F-A										
SPRAY TO PRESSURIZER	RUPTURE RESTRAINT		VT3			S						
ISI- 5D	H-1	F-A										
SPRAY TO PRESSURIZER	RUPTURE RESTRAINT		VT3			S						
ISI- 5D	H-3	F-A									S	
SPRAY TO PRESSURIZER	SPRING CLAMP		VT3									
ISI- 5D	H-4	F-A									S	
SPRAY TO PRESSURIZER	SEISMIC RESTRAINT		VT3									
ISI- 5D	H-6	F-A						S				
SPRAY TO PRESSURIZER	SLIDING SUPPORT		VT3									
ISI- 5D	H-8	F-A									S	
SPRAY TO PRESSURIZER	SLIDING SUPPORT		VT3									
ISI- 5D	H-9	F-A									S	
SPRAY TO PRESSURIZER	DBL HYDR SNUBER/CLMP		VT3									
ISI- 5D	H-10	F-A									S	
SPRAY TO PRESSURIZER	SPRING CLAMP		VT3			S						
ISI- 5D	W-2	B 9. 21									S	
SPRAY TO PRESSURIZER	NOZZLE - PIPE		PT									
ISI- 5D	W-12	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5D	W-13	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - ELBOW		PT									
ISI- 5D	W-14	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5D	W-15	B 9. 21									S	
SPRAY TO PRESSURIZER	PIPE - TEE		PT									
ISI- 5D	W-3	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - ELBOW		PT			S						
ISI- 5D	W-4	B 9. 21										
SPRAY TO PRESSURIZER	ELBOW - PIPE		PT									
ISI- 5D	W-5	B 9. 21										
SPRAY TO PRESSURIZER	PIPE - VALVE		PT									
ISI- 5D	W-6	B 9. 21										
SPRAY TO PRESSURIZER	VALVE - PIPE		PT									

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule									
					94	96	97	99	00	02				
ISI- 5D	W-7	B 9. 21												
SPRAY TO PRESSURIZER	PIPE - 45° ELBOW		PT											
ISI- 5D	W-8	B 9. 21												
SPRAY TO PRESSURIZER	45° ELBOW - PIPE		PT					S						
ISI- 5D	W-9	B 9. 21												
SPRAY TO PRESSURIZER	PIPE - 45° ELBOW		PT											
ISI- 5D	W-10	B 9. 21												
SPRAY TO PRESSURIZER	45° ELBOW - PIPE		PT											
ISI- 5D	W-1	B 9. 32												
SPRAY TO PRESSURIZER	PIPE - NOZZLE		PT									S		
ISI- 6	H-1	F-A												
RTD RETURN 'A'	RUPTURE RESTRAINT		VT3								S			
ISI- 6	B-1	B 7. 50												
RTD RETURN 'A'	BOLTS FLANGE		VT1				S							
ISI- 6	W-11	B 9. 21												
RTD RETURN 'A'	ELBOW - NOZZLE		PT											
ISI- 6	W-10	B 9. 21												
RTD RETURN 'A'	PIPE - ELBOW		PT											
ISI- 6	W-9	B 9. 21												
RTD RETURN 'A'	VALVE - PIPE		PT											
ISI- 6	W-8	B 9. 21												
RTD RETURN 'A'	PIPE - VALVE		PT								S			
ISI- 6	W-7	B 9. 21												
RTD RETURN 'A'	ELBOW - PIPE		PT											
ISI- 6	W-6	B 9. 21												
RTD RETURN 'A'	PIPE - ELBOW		PT				S							
ISI- 6	W-5	B 9. 21												
RTD RETURN 'A'	FLANGE - PIPE		PT											
ISI- 6	W-4	B 9. 21												
RTD RETURN 'A'	PIPE - FLANGE		PT				S							
ISI- 6	W-2	B 9. 21												
RTD RETURN 'A'	TEE - PIPE		PT											
ISI- 6	W-3	B 9. 21												
RTD RETURN 'A'	PIPE - PIPE		PT											
ISI- 6	W-1	B 9. 21												
RTD RETURN 'A'	REDUCER - TEE		PT											
ISI- 6	W-12	B 9. 32												
RTD RETURN 'A'	NOZZLE - PIPE		PT									S		
ISI- 7	H-1	F-A												
RTD TAKE OFF 'A' CLD	RUPTURE RESTRAINT		VT3					S						
ISI- 7	H-2	F-A												
RTD TAKE OFF 'A' CLD	RUPTURE RESTRAINT		VT3					S						
ISI- 7	H-4	F-A												
RTD TAKE OFF 'A' CLD	RUPTURE RESTRAINT		VT3					S						
ISI- 7	H-6	F-A												
RTD TAKE OFF 'A' CLD	LATERAL RESTRAINT		VT3			S								
ISI- 7	H-3	F-A												
RTD TAKE OFF 'A' CLD	SPRING HANGER		VT3								S			
ISI- 7	H-5	F-A												
RTD TAKE OFF 'A' CLD	RUPTURE RESTRAINT		VT3								S			
ISI- 7	W-2	B 9. 40												
RTD TAKE OFF 'A' CLD	HALF COUPLING - PIPE		PT											
ISI- 7	W-11	B 9. 21												
RTD TAKE OFF 'A' CLD	PIPE - ELBOW		PT											
ISI- 7	W-12	B 9. 21												
RTD TAKE OFF 'A' CLD	ELBOW - PIPE		PT											
ISI- 7	W-13	B 9. 40												
RTD TAKE OFF 'A' CLD	PIPE - Valve		PT								S			
ISI- 7	W-14	B 9. 40												
RTD TAKE OFF 'A' CLD	Valve - PIPE		PT								S			
ISI- 7	W-15	B 9. 21												
RTD TAKE OFF 'A' CLD	PIPE - ELBOW		PT											
ISI- 7	W-16	B 9. 21												
RTD TAKE OFF 'A' CLD	ELBOW - PIPE		PT											
ISI- 7	W-17	B 9. 21												
RTD TAKE OFF 'A' CLD	PIPE - ELBOW		PT			S								
ISI- 7	W-18	B 9. 21												
RTD TAKE OFF 'A' CLD	ELBOW - PIPE		PT											
ISI- 7	W-19	B 9. 21												
RTD TAKE OFF 'A' CLD	PIPE - ELBOW		PT											
ISI- 7	W-20	B 9. 21												
RTD TAKE OFF 'A' CLD	ELBOW - PIPE		PT											
ISI- 7	W-3	B 9. 40												
RTD TAKE OFF 'A' CLD	PIPE - VALVE		PT											

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI- 7	W-21	B 9. 21										
RTD TAKE OFF 'A' CLD	PIPE - ELBOW		PT					S				
ISI- 7	W-22	B 9. 21										
RTD TAKE OFF 'A' CLD	ELBOW - TEE		PT					S				
ISI- 7	W-4	B 9. 40										
RTD TAKE OFF 'A' CLD	VALVE - PIPE		PT									
ISI- 7	W-5	B 9. 40										
RTD TAKE OFF 'A' CLD	PIPE - VALVE		PT									
ISI- 7	W-6	B 9. 40										
RTD TAKE OFF 'A' CLD	Valve - PIPE		PT									
ISI- 7	W-7	B 9. 21										
RTD TAKE OFF 'A' CLD	PIPE - ELBOW		PT									
ISI- 7	W-8	B 9. 21										
RTD TAKE OFF 'A' CLD	ELBOW - PIPE		PT					S				
ISI- 7	W-9	B 9. 40										
RTD TAKE OFF 'A' CLD	PIPE - RTD MANIFOLD		PT									
ISI- 7	W-10	B 9. 40										
RTD TAKE OFF 'A' CLD	RTD MANIFOLD - PIPE		PT									
ISI- 7	W-1	B 9. 32										
RTD TAKE OFF 'A' CLD	PIPE - HALF COUPLING		PT					S				
ISI- 8	H-3	F-A										
RTD TAKE OFF 'A' HOT	RUPTURE RESTRAINT		VT3						S			
ISI- 8	H-2	F-A										
RTD TAKE OFF 'A' HOT	RUPTURE RESTRAINT		VT3			S						
ISI- 8	H-1	F-A										
RTD TAKE OFF 'A' HOT	RUPTURE RESTRAINT		VT3			S						
ISI- 8	H-4	F-A										
RTD TAKE OFF 'A' HOT	RUPTURE RESTRAINT		VT3						S			
ISI- 8	W-1	B 9. 21				S						
RTD TAKE OFF 'A' HOT	REDUCER - CROSS		PT									
ISI- 8	W-10	B 9. 21								S		
RTD TAKE OFF 'A' HOT	PIPE - RTD MANIFOLD		PT									
ISI- 8	W-11	B 9. 21										
RTD TAKE OFF 'A' HOT	RTD MANIFOLD - PIPE		PT									
ISI- 8	W-12	B 9. 40										
RTD TAKE OFF 'A' HOT	PIPE - VALVE		PT									
ISI- 8	W-13	B 9. 40										
RTD TAKE OFF 'A' HOT	VALVE - PIPE		PT									
ISI- 8	W-14	B 9. 21								S		
RTD TAKE OFF 'A' HOT	PIPE - ELBOW		PT									
ISI- 8	W-15	B 9. 21										
RTD TAKE OFF 'A' HOT	ELBOW - PIPE		PT									
ISI- 8	W-16	B 9. 21										
RTD TAKE OFF 'A' HOT	PIPE - ELBOW		PT									
ISI- 8	W-17	B 9. 21										
RTD TAKE OFF 'A' HOT	ELBOW - PIPE		PT									
ISI- 8	W-18	B 9. 21										
RTD TAKE OFF 'A' HOT	PIPE - ELBOW		PT									
ISI- 8	W-2	B 9. 21										
RTD TAKE OFF 'A' HOT	REDUCER - CROSS		PT									
ISI- 8	W-19	B 9. 21										
RTD TAKE OFF 'A' HOT	ELBOW - PIPE		PT									
ISI- 8	W-20	B 9. 21										
RTD TAKE OFF 'A' HOT	PIPE - ELBOW		PT									
ISI- 8	W-21	B 9. 21										
RTD TAKE OFF 'A' HOT	ELBOW - PIPE		PT									
ISI- 8	W-22	B 9. 21						S				
RTD TAKE OFF 'A' HOT	PIPE - ELBOW		PT									
ISI- 8	W-23	B 9. 21										
RTD TAKE OFF 'A' HOT	ELBOW - REDUCER		PT									
ISI- 8	W-3	B 9. 21										
RTD TAKE OFF 'A' HOT	REDUCER - CROSS		PT									
ISI- 8	W-4	B 9. 21										
RTD TAKE OFF 'A' HOT	CROSS - 63" ELBOW		PT			S						
ISI- 8	W-5	B 9. 21										
RTD TAKE OFF 'A' HOT	63" ELBOW - PIPE		PT									
ISI- 8	W-6	B 9. 40										
RTD TAKE OFF 'A' HOT	PIPE - VALVE		PT			S						
ISI- 8	W-7	B 9. 40										
RTD TAKE OFF 'A' HOT	VALVE - PIPE		PT									
ISI- 8	W-8	B 9. 40										
RTD TAKE OFF 'A' HOT	PIPE - VALVE		PT						S			
ISI- 8	W-9	B 9. 40										
RTD TAKE OFF 'A' HOT	VALVE - PIPE		PT									

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule									
					94	96	97	99	00	02				
ISI- 9	H-1	F-A												
SIS HIGH HEAD 'A'	DOUBLE SPRING HANGER		VT3											S
ISI- 9	H-2	F-A												
SIS HIGH HEAD 'A'	HYDR SHUBBER/CLAMP		VT3					S						
ISI- 9	W-6	B 9. 21												
SIS HIGH HEAD 'A'	PIPE - PIPE		PT											
ISI- 9	W-5	B 9. 21												
SIS HIGH HEAD 'A'	ELBOW - PIPE		PT											
ISI- 9	W-4	B 9. 21												
SIS HIGH HEAD 'A'	TEE - ELBOW		PT			S								
ISI- 9	W-3	B 9. 21												
SIS HIGH HEAD 'A'	TEE - REDUCER		PT											
ISI- 9	W-2	B 9. 21												
SIS HIGH HEAD 'A'	PIPE - TEE		PT											
ISI- 9	W-1	B 9. 40												
SIS HIGH HEAD 'A'	VALVE - PIPE		PT											S
ISI-10	H-1	F-A												
DRN (ON CROSSOVER) A	LATERAL RESTRAINT		VT3			S								
ISI-10	H-3	F-A												
DRN (ON CROSSOVER) A	SPRING CLAMP		VT3											S
ISI-10	H-2	F-A												
DRN (ON CROSSOVER) A	DRLE SPRING/BENT BAR		VT3			S								
ISI-10	W-2	B 9. 40												
DRN (ON CROSSOVER) A	HALF COUPLING - PIPE		PT					S						
ISI-10	W-12	B 9. 40												
DRN (ON CROSSOVER) A	PIPE - VALVE		PT											S
ISI-10	W-13	B 9. 40												
DRN (ON CROSSOVER) A	VALVE - PIPE		PT											
ISI-10	W-14	B 9. 21												
DRN (ON CROSSOVER) A	PIPE - RED TEE		PT											S
ISI-10	W-15	B 9. 21												
DRN (ON CROSSOVER) A	RED TEE - PIPE		PT											
ISI-10	W-16	B 9. 40												
DRN (ON CROSSOVER) A	PIPE - VALVE		PT											
ISI-10	W-3	B 9. 21												
DRN (ON CROSSOVER) A	PIPE - ELBOW		PT											
ISI-10	W-4	B 9. 21												
DRN (ON CROSSOVER) A	ELBOW - PIPE		PT											
ISI-10	W-5	B 9. 21												
DRN (ON CROSSOVER) A	PIPE - ELBOW		PT					S						
ISI-10	W-6	B 9. 21												
DRN (ON CROSSOVER) A	ELBOW - PIPE		PT											
ISI-10	W-7	B 9. 21												
DRN (ON CROSSOVER) A	PIPE - PIPE		PT											
ISI-10	W-8	B 9. 21												
DRN (ON CROSSOVER) A	PIPE - ELBOW		PT			S								
ISI-10	W-9	B 9. 21												
DRN (ON CROSSOVER) A	ELBOW - PIPE		PT											
ISI-10	W-10	B 9. 21												
DRN (ON CROSSOVER) A	PIPE - RED TEE		PT											
ISI-10	W-11	B 9. 21												
DRN (ON CROSSOVER) A	RED TEE - PIPE		PT											
ISI-10	W-1	B 9. 32												
DRN (ON CROSSOVER) A	PIPE TO HALF COUPLING		PT					S						
ISI-11A	B-2	B 7. 50												
SEAL INJ LOOP 'A'	4 ORIFICE BOLTS		VT1											S
ISI-11A	B-1	B 7. 50												
SEAL INJ LOOP 'A'	4 ORIFICE BOLTS		VT1			S								
ISI-11A	H-2	F-A												
SEAL INJ LOOP 'A'	SPRING HANGER		VT3			S								
ISI-11A	H-1	F-A												
SEAL INJ LOOP 'A'	RIGID HANGER		VT3					S						
ISI-11A	W-13	B 9. 21												
SEAL INJ LOOP 'A'	FLANGE - PIPE		PT											S
ISI-11A	W-4	B 9. 21												
SEAL INJ LOOP 'A'	REDUCER - FLANGE		PT											
ISI-11A	W-3	B 9. 21												
SEAL INJ LOOP 'A'	PIPE - REDUCER		PT											
ISI-11A	W-2	B 9. 21												
SEAL INJ LOOP 'A'	ELBOW - PIPE		PT											
ISI-11A	W-12	B 9. 21												
SEAL INJ LOOP 'A'	PIPE - FLANGE		PT											
ISI-11A	W-11	B 9. 21												
SEAL INJ LOOP 'A'	TEE - PIPE		PT											S

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Addition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-11A	W-10	B 9. 21										
SEAL INJ LOOP 'A'	TEE - REDUCER		PT									
ISI-11A	W-9	B 9. 21										
SEAL INJ LOOP 'A'	PIPE - TEE		PT									
ISI-11A	W-8	B 9. 21										
SEAL INJ LOOP 'A'	ELBOW - PIPE		PT									
ISI-11A	W-7	B 9. 21										
SEAL INJ LOOP 'A'	PIPE - ELBOW		PT									
ISI-11A	W-6	B 9. 21										
SEAL INJ LOOP 'A'	ELBOW - PIPE		PT			S						
ISI-11A	W-5	B 9. 21										
SEAL INJ LOOP 'A'	FLANGE - ELBOW		PT									
ISI-11B	H-4	F-A									S	
SEAL INJ LOOP 'A'	RUPTURE RESTRAINT		VT3									
ISI-11B	H-1	F-A						S				
SEAL INJ LOOP 'A'	LATERAL RESTRAINT		VT3									
ISI-11B	H-2	F-A										
SEAL INJ LOOP 'A'	SPRING/CLAMP		VT3			S						
ISI-11B	H-3	F-A										
SEAL INJ LOOP 'A'	RESTRAINT/CLAMP		VT3					S				
ISI-11B	H-5	F-A										
SEAL INJ LOOP 'A'	RIGID RESTRAINT		VT3								S	
ISI-11A	W-1	B 9. 21						S				
SEAL INJ LOOP 'A'	PIPE - ELBOW		PT									
ISI-11B	W-14	B 9. 40										
SEAL INJ LOOP 'A'	VALVE - PIPE		PT					S				
ISI-11B	W-13	B 9. 40										
SEAL INJ LOOP 'A'	PIPE - VALVE		PT									
ISI-11B	W-12	B 9. 21										
SEAL INJ LOOP 'A'	ELBOW - PIPE		PT					S				
ISI-11B	W-11	B 9. 21										
SEAL INJ LOOP 'A'	PIPE - ELBOW		PT									
ISI-11B	W-10	B 9. 21										
SEAL INJ LOOP 'A'	RED TEE - PIPE		PT								S	
ISI-11B	W-9	B 9. 21										
SEAL INJ LOOP 'A'	PIPE - RED TEE		PT									
ISI-11B	W-8	B 9. 40										
SEAL INJ LOOP 'A'	VALVE - PIPE		PT								S	
ISI-11B	W-7	B 9. 40										
SEAL INJ LOOP 'A'	PIPE - VALVE		PT									
ISI-11B	W-6	B 9. 21										
SEAL INJ LOOP 'A'	ELBOW - PIPE		PT									
ISI-11B	W-5	B 9. 21										
SEAL INJ LOOP 'A'	PIPE - ELBOW		PT									
ISI-11B	W-4	B 9. 21										
SEAL INJ LOOP 'A'	ELBOW - PIPE		PT									
ISI-11B	W-3	B 9. 21										
SEAL INJ LOOP 'A'	PIPE - ELBOW		PT			S						
ISI-11B	W-2	B 9. 21										
SEAL INJ LOOP 'A'	45° ELBOW - PIPE		PT									
ISI-11C	H-1	F-A										
SEAL INJ LOOP 'A'	ROD/CLAMP		VT3					S				
ISI-11C	H-2	F-A										
SEAL INJ LOOP 'A'	RIGID RESTRAINT		VT3			S						
ISI-11C	H-3	F-A										
SEAL INJ LOOP 'A'	ROD CLAMP		VT3			S						
ISI-11C	H-4	F-A										
SEAL INJ LOOP 'A'	SUPPORT RESTRAINT		VT3			S						
ISI-11C	H-5	F-A										
SEAL INJ LOOP 'A'	ANCHOR		VT3								S	
ISI-11C	H-6	F-A										
SEAL INJ LOOP 'A'	ROD/CLAMP		VT3								S	
ISI-11C	H-7	F-A										
SEAL INJ LOOP 'A'	ROD/CLAMP		VT3								S	
ISI-11C	H-8	F-A										
SEAL INJ LOOP 'A'	ANCHOR		VT3					S				
ISI-11D	H-4	F-A										
SEAL INJ LOOP 'A'	ROD CLAMP		VT3			S						
ISI-11D	H-5	F-A										
SEAL INJ LOOP 'A'	RIGID/BOLT		VT3					S				
ISI-11D	H-6	F-A										
SEAL INJ LOOP 'A'	ROD CLAMP		VT3					S				
ISI-11B	W-1	B 9. 21										
SEAL INJ LOOP 'A'	PIPE - ELBOW		PT									

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-11C SEAL INJ LOOP 'A'	W-12 RED TEE - PIPE	B 9. 21	PT					S				
ISI-11C SEAL INJ LOOP 'A'	W-11 PIPE - RED TEE	B 9. 21	PT									
ISI-11C SEAL INJ LOOP 'A'	W-10 45° ELBOW - PIPE	B 9. 21	PT							S		
ISI-11C SEAL INJ LOOP 'A'	W-9 PIPE - 45° ELBOW	B 9. 21	PT									
ISI-11C SEAL INJ LOOP 'A'	W-8 PIPE - PIPE	B 9. 21	PT									
ISI-11C SEAL INJ LOOP 'A'	W-7 PIPE - PIPE	B 9. 21	PT									
ISI-11C SEAL INJ LOOP 'A'	W-6 ELBOW - PIPE	B 9. 21	PT			S						
ISI-11C SEAL INJ LOOP 'A'	W-5 PIPE - ELBOW	B 9. 21	PT									
ISI-11C SEAL INJ LOOP 'A'	W-4 ELBOW - PIPE	B 9. 21	PT									
ISI-11C SEAL INJ LOOP 'A'	W-3 PIPE - ELBOW	B 9. 21	PT									
ISI-11C SEAL INJ LOOP 'A'	W-2 ELBOW - PIPE	B 9. 21	PT									
ISI-11C SEAL INJ LOOP 'A'	W-1 PIPE - ELBOW	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-16 PIPE - PIPE	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-15 ELBOW - PIPE	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	B-1 FLANGE BOLTS	B 7. 50	VT1							S		
ISI-11D SEAL INJ LOOP 'A'	H-3 ANCHOR SUPPORT	F-A	VT3			S						
ISI-11D SEAL INJ LOOP 'A'	H-1 SPRING SLIDE/CLAMP	F-A	VT3							S		
ISI-11D SEAL INJ LOOP 'A'	H-2 VERTICAL GUIDE	F-A	VT3							S		
ISI-11D SEAL INJ LOOP 'A'	W-14 PIPE - ELBOW	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-13 ELBOW - PIPE	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-12 PIPE - ELBOW	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-11 ELBOW - PIPE	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-10 PIPE - ELBOW	B 9. 21	PT					S				
ISI-11D SEAL INJ LOOP 'A'	W-9 ELBOW - PIPE	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-8 PIPE - ELBOW	B 9. 21	PT			S						
ISI-11D SEAL INJ LOOP 'A'	W-7 ELBOW - PIPE	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-6 PIPE - ELBOW	B 9. 21	PT							S		
ISI-11D SEAL INJ LOOP 'A'	W-5 ELBOW - PIPE	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-4 PIPE - ELBOW	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-3 FLANGE - PIPE	B 9. 21	PT							S		
ISI-11D SEAL INJ LOOP 'A'	W-2 PIPE - FLANGE	B 9. 21	PT									
ISI-11D SEAL INJ LOOP 'A'	W-1 VALVE - PIPE	B 9. 21	PT									
ISI-12C REACTOR COOLANT 'A'	W-1 RC PUMP - PIPE	B 9. 11	PT UT					S				
ISI-12C REACTOR COOLANT 'A'	W-2 PIPE - PIPE	B 9. 11	PT UT									
ISI-12C REACTOR COOLANT 'A'	W-3 PIPE - ELBOW	B 9. 11	PT UT									
ISI-12C REACTOR COOLANT 'A'	W-4 ELBOW - SAFE END	B 9. 11	PT UT							S		
ISI-12C REACTOR COOLANT 'A'	W-5 SAFE END - NOZZLE	B 5. 10	PT UT							S		

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-12A	W-2	B 9. 11										
REACTOR COOLANT 'A'	SAFE END - PIPE		PT UT			S						
ISI-12A	W-1	B 5. 10										
REACTOR COOLANT 'A'	NOZZLE - SAFE END		PT UT			S						
ISI-12A	W-3	B 9. 11										
REACTOR COOLANT 'A'	PIPE - PIPE		PT UT									
ISI-12A	W-4	B 9. 11										
REACTOR COOLANT 'A'	PIPE - RED 40" ELBOW		PT UT							S		
ISI-12A	W-5	B 9. 11		G								
REACTOR COOLANT 'A'	RED 40" ELBOW - NOZZLE		PT UT					S				
ISI-12B	H-1	F-A										
REACTOR COOLANT 'A'	SUPPORT		VT3			S						
ISI-12B	H-2	F-A										
REACTOR COOLANT 'A'	SUPPORT		VT3							S		
ISI-12B	W-6 LS2U	B 9. 10										
REACTOR COOLANT 'A'	ELBOW - PUMP		PT UT							S		
ISI-12B	W-1	B 9. 11		G								
REACTOR COOLANT 'A'	NOZZLE - 50" ELBOW		PT UT			S						
ISI-12B	W-2	B 9. 11										
REACTOR COOLANT 'A'	50" ELBOW - PIPE		PT UT			S						
ISI-12B	W-3 LS 2D	B 9. 10										
REACTOR COOLANT 'A'	PIPE - ELBOW		PT UT									
ISI-12B	W-4 LS2U	B 9. 10										
REACTOR COOLANT 'A'	ELBOW - PIPE		PT UT									
ISI-12B	W-5 LS 2D	B 9. 10										
REACTOR COOLANT 'A'	PIPE - ELBOW		PT UT									
ISI-13C	W-1	B 9. 11										
REACTOR COOLANT 'B'	RC PUMP - PIPE		PT UT			S						
ISI-13C	W-2	B 9. 11										
REACTOR COOLANT 'B'	PIPE - PIPE		PT UT									
ISI-13C	W-3	B 9. 11										
REACTOR COOLANT 'B'	PIPE - ELBOW 35"		PT UT									
ISI-13C	W-4	B 9. 11										
REACTOR COOLANT 'B'	ELBOW - SAFE END		PT UT							S		
ISI-13C	W-5	B 5. 10		G								
REACTOR COOLANT 'B'	SAFE END - NOZZLE		PT UT							S		
ISI-13A	W-2	B 9. 11										
REACTOR COOLANT 'B'	SAFE END - PIPE		PT UT			S						
ISI-13A	W-1	B 5. 10		G								
REACTOR COOLANT 'B'	NOZZLE - SAFE END		PT UT			S						
ISI-13A	W-3	B 9. 11										
REACTOR COOLANT 'B'	PIPE - PIPE		PT UT									
ISI-13A	W-4	B 9. 11										
REACTOR COOLANT 'B'	PIPE - RED 50" ELBOW		PT UT									
ISI-13A	W-5	B 9. 11		G								
REACTOR COOLANT 'B'	RED 50" ELBOW-NOZZLE		PT UT							S		
ISI-13B	H-1	F-A										
REACTOR COOLANT 'B'	SUPPORT		VT3					S				
ISI-13B	H-2	F-A										
REACTOR COOLANT 'B'	SUPPORT		VT3			S						
ISI-13B	W-6 LS 2D	B 9. 11										
REACTOR COOLANT 'B'	ELBOW - RC PUMP		PT UT			S						
ISI-13B	W-1	B 9. 11		G								
REACTOR COOLANT 'B'	NOZZLE - 40" ELBOW		PT UT					S				
ISI-13B	W-2	B 9. 11										
REACTOR COOLANT 'B'	ELBOW - PIPE		PT UT									
ISI-13B	W-3 LS 2U	B 9. 11										
REACTOR COOLANT 'B'	PIPE - ELBOW		PT UT					S				
ISI-13B	W-4 LS 2D	B 9. 11										
REACTOR COOLANT 'B'	ELBOW - PIPE		PT UT									
ISI-13B	W-5 LS 2U	B 9. 11										
REACTOR COOLANT 'B'	PIPE - ELBOW		PT UT									
ISI-17	H-3	F-A & B10. 10										
12" ACCUMULATOR DSCH	RUPTURE RESTRAINT		VT3							S		
ISI-17	H-2	F-A										
12" ACCUMULATOR DSCH	RUPTURE RESTRAINT		VT3							S		
ISI-17	H-4	F-A										
12" ACCUMULATOR DSCH	DOUBLE SPRING HANGER		VT3			S						
ISI-17	H-1	F-A										
12" ACCUMULATOR DSCH	HYDR SHRUBBER		VT3					S				
ISI-17	B-1	B 7. 70										
12" ACCUMULATOR DSCH	VALVE BOLTING		VT1					S				
ISI-17	B-2	B 7. 70										
12" ACCUMULATOR DSCH	VALVE BOLTING		VT1							S		

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
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Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-17	W-14	B 9. 30										
12" ACCUMULATOR DSCH	ELBOW - NOZZLE		PT UT									
ISI-17	W-4	B 9. 11										
12" ACCUMULATOR DSCH	ELBOW - PIPE		PT UT									
ISI-17	W-3	B 9. 11										
12" ACCUMULATOR DSCH	PIPE - ELBOW		PT UT					S				
ISI-17	W-2	B 9. 11										
12" ACCUMULATOR DSCH	ELBOW - PIPE		PT UT									
ISI-17	W-1	B 9. 11										
12" ACCUMULATOR DSCH	VALVE - ELBOW		PT UT					S				
ISI-17	W-13	B 9. 11										
12" ACCUMULATOR DSCH	PIPE - ELBOW		PT UT			S						
ISI-17	W-12	B 9. 11										
12" ACCUMULATOR DSCH	ELBOW - PIPE		PT UT									
ISI-17	W-11	B 9. 11										
12" ACCUMULATOR DSCH	PIPE - ELBOW		PT UT									
ISI-17	W-10	B 9. 11										
12" ACCUMULATOR DSCH	PIPE - PIPE		PT UT									
ISI-17	W-9	B 9. 11										
12" ACCUMULATOR DSCH	ELBOW - PIPE		PT UT									
ISI-17	W-8	B 9. 11										
12" ACCUMULATOR DSCH	VALVE - ELBOW		PT UT									
ISI-17	W-7	B 9. 11										
12" ACCUMULATOR DSCH	RED. TEE - VALVE		PT UT									
ISI-17	W-6	B 9. 11										
12" ACCUMULATOR DSCH	ELBOW - RED. TEE		PT UT						S			
ISI-17	W-5	B 9. 11										
12" ACCUMULATOR DSCH	PIPE - ELBOW		PT UT									
ISI-17	W-15	B 9. 31										
12" ACCUMULATOR DSCH	NOZZLE TO PIPE		PT UT			S						
ISI-18	H-7	F-A										
10 RHR RETURN LOOP B	RESTRAINT		VT3			S						
ISI-18	H-8	F-A										
10 RHR RETURN LOOP B	RESTRAINT		VT3			S						
ISI-18	H-2	F-A										
10 RHR RETURN LOOP B	RESTRAINT		VT3					S				
ISI-18	B-1	B 7. 70										
10 RHR RETURN LOOP B	Valve Bolting		VT1					S				
ISI-18	H-3	F-A										
10 RHR RETURN LOOP B	RIGID RESTRAINT		VT3					S				
ISI-18	H-8	F-A										
10 RHR RETURN LOOP B	SUPPORT BRACKET		VT3						S			
ISI-18	H-9	F-A										
10 RHR RETURN LOOP B	SPRING CLAMP		VT3						S			
ISI-18	H-1	F-A & B10. 10										
10 RHR RETURN LOOP B	RUPTURE RESTRT LUG		VT3					S				
ISI-18	H-5	F-A & B10. 10										
10 RHR RETURN LOOP B	RUPTURE RESTRT LUG		VT3			S						
ISI-18	H-6	F-A										
10 RHR RETURN LOOP B	DOUBLE SPRING BOLT		VT3						S			
ISI-18	W-9	B 9. 11										
10 RHR RETURN LOOP B	PIPE - RED TEE		PT UT									
ISI-18	W-8	B 9. 11										
10 RHR RETURN LOOP B	ELBOW - PIPE		PT UT						S			
ISI-18	W-7	B 9. 11										
10 RHR RETURN LOOP B	PIPE - ELBOW		PT UT									
ISI-18	W-6	B 9. 11										
10 RHR RETURN LOOP B	65' ELBOW - PIPE		PT UT									
ISI-18	W-5	B 9. 11										
10 RHR RETURN LOOP B	PIPE - 65' ELBOW		PT UT			S						
ISI-18	W-4	B 9. 11										
10 RHR RETURN LOOP B	ELBOW - PIPE		PT UT			S						
ISI-18	W-3	B 9. 11										
10 RHR RETURN LOOP B	PIPE - ELBOW		PT UT									
ISI-18	W-2	B 9. 11										
10 RHR RETURN LOOP B	ELBOW - PIPE		PT UT									
ISI-18	W-1	B 9. 11										
10 RHR RETURN LOOP B	Valve - ELBOW		PT UT									
ISI-19A	H-10	F-A										
8" RHR TAKE OFF 'B'	RUPTURE RESTRAINT		VT3					S				
ISI-19A	H-4	F-A										
8" RHR TAKE OFF 'B'	RUPTURE RESTRAINT		VT3						S			
ISI-19B	H-6	F-A										
8" RHP TAKE OFF 'B'	RUPTURE RESTRAINT		VT3						S			

Third Ten
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Prairie Island Nuclear Generating Plant - Unit 1
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Reference: ASME Section XI
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ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-19A	H-8 RUPTURE RESTRAINT	F-A	VT3						S			
ISI-19A	B-1 Valve Bolting	B 7. 70	VT1					S				
ISI-19A	H-9 RIGID RESTRAINT LUGS	F-A	VT3					S				
ISI-19A	H-7 HYDR SNUBBER/CLAMP	F-A	VT3			S						
ISI-19A	H-5 DBL SPRING/CLAMP	F-A	VT3			S						
ISI-19A	H-3 DOUBLE SNUBBER/CLAMP	F-A	VT3			S						
ISI-19A	H-11 RUPTURE RESTRAINT 2 LUGS	F-A & B10. 10	VT3					S				
ISI-19A	W-5 ELBOW - PIPE	B 9. 11	PT UT									
ISI-19A	W-6 PIPE - 67" ELBOW	B 9. 11	PT UT									
ISI-19A	W-7 67" ELBOW - PIPE	B 9. 11	PT UT									
ISI-19A	W-8 PIPE - ELBOW	B 9. 11	PT UT			S						
ISI-19A	W-9 ELBOW - PIPE	B 9. 11	PT UT			S						
ISI-19A	W-10 PIPE - ELBOW	B 9. 11	PT UT									
ISI-19A	W-11 ELBOW - Valve	B 9. 11	PT UT									
ISI-19A	H-2 RUPTURE RESTRAINT	F-A	VT3							S		
ISI-19B	H-1 RUP'T RESTRAINT	F-A	VT3			S						
ISI-19B	H-3 RUPTURE RESTRAINT	F-A	VT3					S				
ISI-19B	H-4 RUP'T RESTRAINT	F-A	VT3					S				
ISI-19B	H-6 RUP'T RESTRAINT	F-A & B10. 10	VT3					S				
ISI-19B	B-1 VALVE BOLTING	B 7. 70	VT1					S				
ISI-19B	H-5 SEIS'G RESTRAINT	F-A	VT3					S				
ISI-19B	H-2 DOUBLE SPRING HANGER	F-A	VT3							S		
ISI-19A	H-1 RUPTURE RESTRAINT 2 LUGS	F-A & B10. 10	VT3							S		
ISI-19B	W-2 NOZZLE - PIPE	B 9. 11	PT UT									
ISI-19A	W-2 PIPE - ELBOW	B 9. 11	PT UT							S		
ISI-19A	W-3 ELBOW - PIPE	B 9. 11	PT UT									
ISI-19A	W-4 PIPE - ELBOW	B 9. 11	PT UT									
ISI-19B	W-3 PIPE - ELBOW	B 9. 11	PT UT									
ISI-19B	W-4 ELBOW - ELBOW	B 9. 11	PT UT									
ISI-19B	W-5 ELBOW - PIPE	B 9. 11	PT UT									
ISI-19B	W-6 PIPE - ELBOW	B 9. 11	PT UT									
ISI-19B	W-7 ELBOW - PIPE	B 9. 11	PT UT			S						
ISI-19B	W-8 PIPE - PIPE	B 9. 11	PT UT									
ISI-19B	W-9 PIPE - ELBOW	B 9. 11	PT UT									
ISI-19B	W-10 ELBOW - PIPE	B 9. 11	PT UT					S				
ISI-19B	W-11 PIPE - VALVE	B 9. 11	PT UT									
ISI-19A	W-1 VALVE - PIPE	B 9. 11	PT UT								S	

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section 3,
1988, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-19B	W-1	B 9. 31										
8" RHR TAKE OFF 'B'	PIPE TO NOZZLE		PT UT			S						
ISI-24	B-1	B 7. 70										
6" SIS HIGH HEAD 'B'	VALVE BOLTING		VT1							S		
ISI-24	W-20	B 9. 11										
6" SIS HIGH HEAD 'B'	PIPE - NOZZLE		PT UT									
ISI-24	W-19	B 9. 11										
6" SIS HIGH HEAD 'B'	ELBOW - PIPE		PT UT									
ISI-24	W-18	B 9. 11										
6" SIS HIGH HEAD 'B'	VALVE - ELBOW		PT UT							S		
ISI-24	W-17	B 9. 11										
6" SIS HIGH HEAD 'B'	REDUCER - VALVE		PT UT									
ISI-24	W-21	B 9. 31										
6" SIS HIGH HEAD 'B'	NOZZLE TO PIPE		PT UT							S		
ISI-21	H-2	F-A										
3" RTD RETURN LOOP B	RUP'T RESTRAINT		VT3				S					
ISI-21	H-1	F-A										
3" RTD RETURN LOOP B	RUP'T RESTRAINT		VT3				S					
ISI-21	B-1	B 7. 50										
3" RTD RETURN LOOP B	ORIFICS BOLTS		VT1							S		
ISI-21	W-11	B 9. 21										
3" RTD RETURN LOOP B	ELBOW - NOZZLE		PT									
ISI-21	W-1	B 9. 21										
3" RTD RETURN LOOP B	REDUCER - RED TEE		PT									
ISI-21	W-10	B 9. 21										
3" RTD RETURN LOOP B	PIPE - ELBOW		PT				S					
ISI-21	W-9	B 9. 21										
3" RTD RETURN LOOP B	VALVE - PIPE		PT									
ISI-21	W-8	B 9. 21										
3" RTD RETURN LOOP B	PIPE - VALVE		PT									
ISI-21	W-7	B 9. 21										
3" RTD RETURN LOOP B	ELBOW - PIPE		PT									
ISI-21	W-6	B 9. 21										
3" RTD RETURN LOOP B	PIPE - ELBOW		PT									
ISI-21	W-5	B 9. 21										
3" RTD RETURN LOOP B	FLANGE - PIPE		PT							S		
ISI-21	W-4	B 9. 21										
3" RTD RETURN LOOP B	PIPE- FLANGE		PT									
ISI-21	W-3	B 9. 21										
3" RTD RETURN LOOP B	PIPE - PIPE		PT									
ISI-21	W-2	B 9. 21										
3" RTD RETURN LOOP B	RED TEE - PIPE		PT			S						
ISI-21	W-12	B 9. 32										
3" RTD RETURN LOOP B	NOZZLE - PIPE		PT					S				
ISI-22	H-1	F-A										
2" RTD TAKEOFF CLD B	RUP'T RESTRAINT		VT3					S				
ISI-22	H-2	F-A										
2" RTD TAKEOFF CLD B	RUP'T RESTRAINT		VT3					S				
ISI-22	H-3	F-A										
2" RTD TAKEOFF CLD B	RUP'T RESTRAINT		VT3					S				
ISI-22	H-5	F-A										
2" RTD TAKEOFF CLD B	ROD CLAMP		VT3							S		
ISI-22	H-4	F-A										
2" RTD TAKEOFF CLD B	HORIZONTAL RESTRAINT		VT3			S						
ISI-22	W-2	B 9. 40										
2" RTD TAKEOFF CLD B	HALF COUPLING - PIPE		PT									
ISI-22	W-12	B 9. 21										
2" RTD TAKEOFF CLD B	PIPE - Valve		PT									
ISI-22	W-13	B 9. 21										
2" RTD TAKEOFF CLD B	Valve - PI'S		PT									
ISI-22	W-14	B 9. 21										
2" RTD TAKEOFF CLD B	PIPE - ELBOW		PT									
ISI-22	W-15	B 9. 21										
2" RTD TAKEOFF CLD B	ELBOW - PIPE		PT			S						
ISI-22	W-16	B 9. 21										
2" RTD TAKEOFF CLD B	PIPE - ELBOW		PT							S		
ISI-22	W-17	B 9. 21										
2" RTD TAKEOFF CLD B	ELBOW - PIPE		PT									
ISI-22	W-18	B 9. 21										
2" RTD TAKEOFF CLD B	PIPE - ELBOW		PT							S		
ISI-22	W-19	B 9. 21										
2" RTD TAKEOFF CLD B	ELBOW - PIPE		PT									
ISI-22	W-20	B 9. 21										
2" RTD TAKEOFF CLD B	PIPE - ELBOW		PT									

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-22	W-21	B 9. 21										
2" RTD TAKEOFF CLD B	ELBOW - PIPE		PT			S						
ISI-22	W-22	B 9. 21										
2" RTD TAKEOFF CLD B	PIPE - RED TEE		PT									
ISI-22	W-3	B 9. 21										
2" RTD TAKEOFF CLD B	PIPE - 45° ELBOW		PT									
ISI-22	W-4	B 9. 21										
2" RTD TAKEOFF CLD B	45° ELBOW - ELBOW		PT									
ISI-22	W-5	B 9. 21										
2" RTD TAKEOFF CLD B	ELBOW - PIPE		PT									
ISI-22	W-6	B 9. 21										
2" RTD TAKEOFF CLD B	PIPE - VALVE		PT				S					
ISI-22	W-7	B 9. 21										
2" RTD TAKEOFF CLD B	VALVE - PIPE		PT									
ISI-22	W-8	B 9. 21										
2" RTD TAKEOFF CLD B	PIPE - VALVE		PT				S					
ISI-22	W-9	B 9. 21										
2" RTD TAKEOFF CLD B	VALVE - PIPE		PT									
ISI-22	W-10	B 9. 40										
2" RTD TAKEOFF CLD B	PIPE - RTD MANIFOLD		PT									
ISI-22	W-11	B 9. 40										
2" RTD TAKEOFF CLD B	RTD MANIFOLD - PIPE		PT									
ISI-22	W-1	B 9. 32										
2" RTD TAKEOFF CLD B	PIPE - HALF COUPLING		PT				S					
ISI-23	H-3	F-A										
2" RTD TAKEOFF HOT B	RUP'T RESTRAINT		VT3				S					
ISI-23	H-2	F-A										
2" RTD TAKEOFF HOT B	RUP'T RESTRAINT		VT3		S							
ISI-23	H-1	F-A										
2" RTD TAKEOFF HOT B	RUP'T RESTRAINT		VT3		S							
ISI-23	H-5	F-A										
2" RTD TAKEOFF HOT B	ROD CLAMP		VT3							S		
ISI-23	H-4	F-A										
2" RTD TAKEOFF HOT B	HORIZONTAL RESTRAINT		VT3				S					
ISI-23	W-1	B 9. 21										
2" RTD TAKEOFF HOT B	REDUCER - CROSS		PT									
ISI-23	W-10	B 9. 40										
2" RTD TAKEOFF HOT B	PIPE - RTD MANIFOLD		PT		S							
ISI-23	W-11	B 9. 40										
2" RTD TAKEOFF HOT B	RTD MANIFOLD - PIPE		PT									
ISI-23	W-12	B 9. 21										
2" RTD TAKEOFF HOT B	PIPE - VALVE		PT				S					
ISI-23	W-13	B 9. 21										
2" RTD TAKEOFF HOT B	VALVE - PIPE		PT									
ISI-23	W-14	B 9. 21										
2" RTD TAKEOFF HOT B	PIPE - ELBOW		PT									
ISI-23	W-15	B 9. 21										
2" RTD TAKEOFF HOT B	ELBOW - PIPE		PT				S					
ISI-23	W-16	B 9. 21										
2" RTD TAKEOFF HOT B	PIPE - ELBOW		PT									
ISI-23	W-17	B 9. 21										
2" RTD TAKEOFF HOT B	ELBOW - PIPE		PT									
ISI-23	W-18	B 9. 21										
2" RTD TAKEOFF HOT B	PIPE - ELBOW		PT									
ISI-23	W-2	B 9. 21										
2" RTD TAKEOFF HOT B	REDUCER - CROSS		PT									
ISI-23	W-19	B 9. 21										
2" RTD TAKEOFF HOT B	ELBOW - PIPE		PT									
ISI-23	W-20	B 9. 21										
2" RTD TAKEOFF HOT B	PIPE - ELBOW		PT							S		
ISI-23	W-21	B 9. 21										
2" RTD TAKEOFF HOT B	ELBOW - PIPE		PT									
ISI-23	W-22	B 9. 21										
2" RTD TAKEOFF HOT B	PIPE - ELBOW		PT									
ISI-23	W-23	B 9. 21										
2" RTD TAKEOFF HOT B	ELBOW - REDUCER		PT							S		
ISI-23	W-3	B 9. 21										
2" RTD TAKEOFF HOT B	REDUCER - CROSS		PT									
ISI-23	W-4	B 9. 21										
2" RTD TAKEOFF HOT B	CROSS - ELBOW		PT									
ISI-23	W-5	B 9. 21										
2" RTD TAKEOFF HOT B	ELBOW - PIPE		PT		S							
ISI-23	W-6	B 9. 21										
2" RTD TAKEOFF HOT B	PIPE - VALVE		PT									

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
151-23	W-7	B 9. 21										
2" RTD TAKEOFF HOT B	VALVE - PIPE		PT									
151-23	W-8	B 9. 21										
2" RTD TAKEOFF HOT B	PIPE - VALVE		PT									
151-23	W-9	B 9. 21										
2" RTD TAKEOFF HOT B	VALVE - PIPE		PT									
151-24	H-1	F-A										
2" SIS HIGH HEAD 'B'	RIGID HANGER		VT3							S		
151-24	H-2	F-A										
2" SIS HIGH HEAD 'B'	HYDR SNUBBER/CLAMP		VT3					S				
151-24	H-3	F-A										
2" SIS HIGH HEAD 'B'	HYDR SNUBBER/CLAMP		VT3					S				
151-24	W-16	B 9. 21										
2" SIS HIGH HEAD 'B'	ELBOW - REDUCER		PT								S	
151-24	W-7	B 9. 21										
2" SIS HIGH HEAD 'B'	ELBOW - PIPE		PT									
151-24	W-6	B 9. 21										
2" SIS HIGH HEAD 'B'	PIPE - ELBOW		PT									
151-24	W-5	B 9. 21										
2" SIS HIGH HEAD 'B'	ELBOW - PIPE		PT									
151-24	W-4	B 9. 21										
2" SIS HIGH HEAD 'B'	TEE - ELBOW		PT							S		
151-24	W-2	B 9. 21										
2" SIS HIGH HEAD 'B'	PIPE - TEE		PT									
151-24	W-3	B 9. 21										
2" SIS HIGH HEAD 'B'	TEE - REDUCER		PT									
151-24	W-1	B 9. 21										
2" SIS HIGH HEAD 'B'	VALVE - PIPE		PT			S						
151-24	W-15	B 9. 21										
2" SIS HIGH HEAD 'B'	PIPE - ELBOW		PT									
151-24	W-14	B 9. 21										
2" SIS HIGH HEAD 'B'	PIPE - PIPE		PT									
151-24	W-13	B 9. 21										
2" SIS HIGH HEAD 'B'	ELBOW - PIPE		PT									
151-24	W-12	B 9. 21										
2" SIS HIGH HEAD 'B'	PIPE - ELBOW		PT					S				
151-24	W-11	B 9. 21										
2" SIS HIGH HEAD 'B'	ELBOW - PIPE		PT									
151-24	W-10	B 9. 21										
2" SIS HIGH HEAD 'B'	PIPE - ELBOW		PT									
151-24	W-9	B 9. 21										
2" SIS HIGH HEAD 'B'	ELBOW - PIPE		PT			S						
151-24	W-8	B 9. 21										
2" SIS HIGH HEAD 'B'	PIPE - ELBOW		PT									
151-25	H-1	F-A										
2" CROSSOVER DR 'B'	SPRING/CLAMP		VT3							S		
151-25	W-2	B 9. 40										
2" CROSSOVER DR 'B'	HALF COUPLING - PIPE		PT							S		
151-25	W-11	B 9. 21										
2" CROSSOVER DR 'B'	PIPE - VALVE		PT									
151-25	W-3	B 9. 21										
2" CROSSOVER DR 'B'	PIPE - ELBOW		PT									
151-25	W-4	B 9. 21										
2" CROSSOVER DR 'B'	ELBOW - PIPE		PT					S				
151-25	W-5	B 9. 21										
2" CROSSOVER DR 'B'	PIPE - ELBOW		PT									
151-25	W-6	B 9. 21										
2" CROSSOVER DR 'B'	ELBOW - PIPE		PT									
151-25	W-7	B 9. 21										
2" CROSSOVER DR 'B'	PIPE - TEE		PT									
151-26	W-1	B 9. 21										
2" CVCS LETDOWN 'B'	TEE - PIPE		PT									
151-26	W-2	B 9. 21										
2" CVCS LETDOWN 'B'	PIPE - VALVE		PT							S		
151-25	W-8	B 9. 21										
2" CROSSOVER DR 'B'	TEE - PIPE		PT							S		
151-25	W-9	B 9. 21										
2" CROSSOVER DR 'B'	PIPE - VALVE		PT							S		
151-25	W-10	B 9. 21										
2" CROSSOVER DR 'B'	VALVE - PIPE		PT									
151-25	W-1	B 9. 32										
2" CROSSOVER DR 'B'	PIPE TO HALF COUPLING		PT					S				
151-26	H-7	F-A										
2" CVCS LETDOWN 'B'	HYDR SNUBBER/CLAMP		VT3			S						

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule									
					94	96	97	99	00	02				
ISI-26	H-9	F-A												
2" CVCS LETDOWN 'B'	RIGID HANGER/CLAMP		VT3			S								
ISI-26	H-6	F-A												
2" CVCS LETDOWN 'B'	SPRING HANGER		VT3										S	
ISI-26	H-4	F-A												
2" CVCS LETDOWN 'B'	HYDR SNUBBER/CLAMP		VT3										S	
ISI-26	H-8	F-A												
2" CVCS LETDOWN 'B'	HYDR SNUBBER/CLAMP		VT3			S								
ISI-26	H-10	F-A												
2" CVCS LETDOWN 'B'	RIGID HANGER		VT3										S	
ISI-26	H-5	F-A												
2" CVCS LETDOWN 'B'	LATERAL RESTRAINT		VT3										S	
ISI-26	H-3	F-A												
2" CVCS LETDOWN 'B'	SPRING HANGER/CLAMP		VT3				S							
ISI-26	H-1	F-A												
2" CVCS LETDOWN 'B'	HYDR SNUBBER		VT3				S							
ISI-26	H-2	F-A												
2" CVCS LETDOWN 'B'	HYDR SNUBBER		VT3				S							
ISI-26	W-3	B 9. 21												
2" CVCS LETDOWN 'B'	VALVE - PIPE		PT											
ISI-26	W-12	B 9. 21												
2" CVCS LETDOWN 'B'	ELBOW - PIPE		PT										S	
ISI-26	W-13	B 9. 21												
2" CVCS LETDOWN 'B'	PIPE - ELBOW 45°		PT										S	
ISI-26	W-14	B 9. 21												
2" CVCS LETDOWN 'B'	45° ELBOW - PIPE		PT											
ISI-26	W-15	B 9. 21												
2" CVCS LETDOWN 'B'	PIPE - RED TEE		PT											
ISI-26	W-16	B 9. 21												
2" CVCS LETDOWN 'B'	RED TEE - ELBOW		PT			S								
ISI-26	W-17	B 9. 21												
2" CVCS LETDOWN 'B'	ELBOW - PIPE		PT											
ISI-26	W-18	B 9. 21												
2" CVCS LETDOWN 'B'	PIPE - ELBOW		PT											
ISI-26	W-19	B 9. 21												
2" CVCS LETDOWN 'B'	ELBOW - PIPE		PT			S								
ISI-26	W-20	B 9. 21												
2" CVCS LETDOWN 'B'	PIPE - VALVE		PT											
ISI-26	W-4	B 9. 21												
2" CVCS LETDOWN 'B'	PIPE - ELBOW		PT											
ISI-26	W-5	B 9. 21												
2" CVCS LETDOWN 'B'	ELBOW - PIPE		PT											
ISI-26	W-6	B 9. 21												
2" CVCS LETDOWN 'B'	PIPE - VALVE		PT											
ISI-26	W-7	B 9. 21												
2" CVCS LETDOWN 'B'	VALVE - PIPE		PT											
ISI-26	W-8	B 9. 21												
2" CVCS LETDOWN 'B'	PIPE - RED TEE		PT											
ISI-26	W-9	B 9. 21												
2" CVCS LETDOWN 'B'	RED TEE - ELBOW		PT											
ISI-26	W-10	B 9. 21												
2" CVCS LETDOWN 'B'	ELBOW - PIPE		PT											
ISI-26	W-11	B 9. 21												
2" CVCS LETDOWN 'B'	PIPE - ELBOW		PT											
ISI-27B	H-3	F-A												
SEAL INJ LOOP 'B'	RUP'T RESTRAINT		VT3					S						
ISI-27A	B-2	B 7. 50												
SEAL INJ LOOP 'B'	BOLTS		VT1					S						
ISI-27A	B-1	B 7. 50												
SEAL INJ LOOP 'B'	BOLTS		VT1										S	
ISI-27B	H-5	F-A												
SEAL INJ LOOP 'B'	HYDR SNUBBER		VT3										S	
ISI-27B	H-4	F-A												
SEAL INJ LOOP 'B'	RIGID HANGER		VT3					S					S	
ISI-27A	W-10	B 9. 21												
SEAL INJ LOOP 'B'	FLANGE - PUMP		PT											
ISI-27B	W-9	B 9. 21												
SEAL INJ LOOP 'B'	TEE - PIPE		PT UT											
ISI-27B	W-8	B 9. 21												
SEAL INJ LOOP 'B'	PIPE - TEE		PT UT											
ISI-27B	W-7	B 9. 21												
SEAL INJ LOOP 'B'	Valve - PIPE		PT					S						
ISI-27B	W-6	B 9. 21												
SEAL INJ LOOP 'B'	PIPE - Valve		PT UT					S						

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-27B	W-5	B 9. 21										
SEAL INJ LOOP 'B'	ELBOW - PIPE		PT UT					S				
ISI-27A	W-9	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - FLANGE		PT				S					
ISI-27A	W-8	B 9. 21										
SEAL INJ LOOP 'B'	TEE - PIPE		PT							S		
ISI-27A	W-6	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - TEE		PT									
ISI-27A	W-7	B 9. 21										
SEAL INJ LOOP 'B'	TEE - PIPE		PT									
ISI-27A	W-5	B 9. 21										
SEAL INJ LOOP 'B'	FLANGE - PIPE		PT									
ISI-27A	W-4	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - FLANGE		PT									
ISI-27A	W-3	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - PIPE		PT									
ISI-27A	W-2	B 9. 21										
SEAL INJ LOOP 'B'	ELBOW - PIPE		PT			S						
ISI-27A	W-1	B 9. 21										
SEAL INJ LOOP 'B'	REDUCER - PIPE		PT									
ISI-27B	W-14	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - REDUCER		PT									
ISI-27B	W-13	B 9. 21										
SEAL INJ LOOP 'B'	ELBOW - PIPE		PT									
ISI-27B	W-12	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - ELBOW		PT									
ISI-27B	W-11	B 9. 21										
SEAL INJ LOOP 'B'	VALVE - PIPE		PT							S		
ISI-27B	W-10	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - VALVE		PT									
ISI-27C	H-3	F-A										
SEAL INJ LOOP 'B'	AXIAL RESTRAINT		VT3			S						
ISI-27B	H-1	F-A										
SEAL INJ LOOP 'B'	LATERAL RESTRAINT		VT3			S						
ISI-27C	H-1	F-A										
SEAL INJ LOOP 'B'	RIGID HANGER		VT3							S		
ISI-27C	H-2	F-A										
SEAL INJ LOOP 'B'	RIGID HANGER		VT3							S		
ISI-27C	H-4	F-A										
SEAL INJ LOOP 'B'	RIGID HANGER		VT3					S				
ISI-27B	H-2	F-A										
SEAL INJ LOOP 'B'	ANCHOR		VT3				S					
ISI-27B	W-4	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - ELBOW		PT									
ISI-27B	W-3	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - PIPE		PT									
ISI-27B	W-2	B 9. 21										
SEAL INJ LOOP 'B'	ELBOW - PIPE		PT									
ISI-27B	W-1	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - ELBOW		PT									
ISI-27C	W-10	B 9. 21										
SEAL INJ LOOP 'B'	REDUCING TEE - PIPE		PT									
ISI-27C	W-9	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - REDUCING TEE		PT					S				
ISI-27C	W-8	B 9. 21										
SEAL INJ LOOP 'B'	ELBOW - PIPE		PT							S		
ISI-27C	W-7	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - ELBOW		PT									
ISI-27C	W-5	B 9. 21										
SEAL INJ LOOP 'B'	ELBOW - REDUCER		PT									
ISI-27C	W-4	B 9. 21										
SEAL INJ LOOP 'B'	TEE - ELBOW		PT									
ISI-27C	W-3	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - TEE		PT			S						
ISI-27C	W-2	B 9. 21										
SEAL INJ LOOP 'B'	ELBOW - PIPE		PT									
ISI-27D	W-1	B 9. 40										
SEAL INJ LOOP 'B'	Valve - PIPE		PT									
ISI-27D	W-2	B 9. 21										
SEAL INJ LOOP 'B'	PIPE - FLANGE		PT									
ISI-27D	W-3	B 9. 21										
SEAL INJ LOOP 'B'	FLANGE - PIPE		PT									
ISI-27D	H-2	F-A										
SEAL INJ LOOP 'B'	AXIAL SUPPORT		VT3			S						

ISO System	Item Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-27D SEAL INJ LOOP 'B'	N-1 RIGID HANGER	F-A	VT3							S		
ISI-27C SEAL INJ LOOP 'B'	W-1 PIPE - ELBOW	B 9. 21	PT									
ISI-27D SEAL INJ LOOP 'B'	W-13 ELBOW - PIPE	B 9. 21	PT			S						
ISI-27D SEAL INJ LOOP 'B'	W-12 TEE - ELBOW	B 9. 21	PT									
ISI-27D SEAL INJ LOOP 'B'	W-11 PIPE - TEE	B 9. 21	PT									
ISI-27D SEAL INJ LOOP 'B'	W-10 PIPE - PIPE	B 9. 21	PT									
ISI-27D SEAL INJ LOOP 'B'	W-9 ELBOW - PIPE	B 9. 21	PT			S						
ISI-27D SEAL INJ LOOP 'B'	W-8 PIPE - ELBOW	B 9. 21	PT									
ISI-27D SEAL INJ LOOP 'B'	W-7 PIPE - PIPE	B 9. 21	PT									
ISI-27D SEAL INJ LOOP 'B'	W-6 ELBOW - PIPE	B 9. 21	PT							S		
ISI-27D SEAL INJ LOOP 'B'	W-5 TEE - ELBOW	B 9. 21	PT							S		
ISI-27D SEAL INJ LOOP 'B'	W-4 PIPE - TEE	B 9. 21	PT									
ISI-28 10" PRESSURIZER SURG	W-2 NOZZLE - BENT PIPE	B 9. 11	PT UT			S						
ISI-28 10" PRESSURIZER SURG	W-3 BENT PIPE-BENT PIPE	B 9. 11	PT UT									
ISI-28 10" PRESSURIZER SURG	W-4 BENT PIPE-BENT PIPE	B 9. 11	PT UT									
ISI-28 10" PRESSURIZER SURG	W-5 BENT PIPE-BENT PIPE	B 9. 11	PT UT									
ISI-28 10" PRESSURIZER SURG	W-6 BENT PIPE - REDUCER	B 9. 11	PT UT					S				
ISI-28 10" PRESSURIZER SURG	W-7 REDUCER - NOZZLE END	B 5. 40	PT UT	G				S				
ISI-28 10" PRESSURIZER SURG	W-1 PIPE - NOZZLE	B 9. 31	PT UT			S						
ISI-29B PRESS SAFETY LINE B	B-1 FLANGE BOLTING	B 7. 50	VT1					S				
ISI-29A PRESS SAFETY LINE A	B-1 FLANGE BOLTING	B 7. 50	VT1			S						
ISI-29A PRESS SAFETY LINE A	W-9 ELBOW - FLANGE	B 9. 11	PT UT			S						
ISI-29B PRESS SAFETY LINE B	W-9 ELBOW - FLANGE	B 9. 11	PT UT									
ISI-29A PRESS SAFETY LINE A	W-1 NOZZLE - SAFE END	B 5. 40	PT UT							S		
ISI-29B PRESS SAFETY LINE B	W-1 NOZZLE - SAFE END	B 5. 40	PT UT			S						
ISI-29A PRESS SAFETY LINE A	W-2 SAFE END - 45° ELBOW	B 9. 11	PT UT							S		
ISI-29B PRESS SAFETY LINE B	W-2 SAFE END - 45° ELBOW	B 9. 11	PT UT			S						
ISI-29A PRESS SAFETY LINE A	W-3 45° ELBOW - PIPE	B 9. 11	PT UT							S		
ISI-29B PRESS SAFETY LINE B	W-3 45° ELBOW - PIPE	B 9. 11	PT UT									
ISI-29A PRESS SAFETY LINE A	W-4 PIPE - ELBOW	B 9. 11	PT UT									
ISI-29B PRESS SAFETY LINE B	W-4 PIPE - ELBOW	B 9. 11	PT UT									
ISI-29A PRESS SAFETY LINE A	W-5 ELBOW - ELBOW	B 9. 11	PT UT									
ISI-29B PRESS SAFETY LINE B	W-5 ELBOW - ELBOW	B 9. 11	PT UT									
ISI-29A PRESS SAFETY LINE A	W-6 ELBOW - PIPE	B 9. 11	PT UT									
ISI-29B PRESS SAFETY LINE B	W-6 ELBOW - PIPE	B 9. 11	PT UT					S				
ISI-29A PRESS SAFETY LINE A	W-7 PIPE - ELBOW	B 9. 11	PT UT									
ISI-29B PRESS SAFETY LINE B	W-7 PIPE - ELBOW	B 9. 11	PT UT					S				

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					94	96	97	99	00	02		
ISI-29A	W-8	B 9. 11										
PRESS SAFETY LINE A	ELBOW - ELBOW		PT UT									
ISI-29B	W-8	B 9. 11										
PRESS SAFETY LINE B	ELBOW - ELBOW		PT UT									
ISI-30B	H-1	F-A										
REACTOR VESSEL SIS B	RUPTURE RESTRAINT		VT3					S				
ISI-30B	H-2	F-A										
REACTOR VESSEL SIS B	ROD / CLAMP		VT3					S				
ISI-30B	B-1	B 7. 70										
REACTOR VESSEL SIS B	Valve Bolting		VT1					S				
ISI-30A	B-1	B 7. 70										
REACTOR VESSEL SIS A	Valve Bolting		VT1			S						
ISI-30B	B-2	B 7. 70										
REACTOR VESSEL SIS B	Valve Bolting		VT1					S				
ISI-30A	B-2	B 7. 70										
REACTOR VESSEL SIS A	Valve Bolting		VT1						S			
ISI-30A	H-1	F-A										
REACTOR VESSEL SIS A	HYDR SNUBBER		VT3			S						
ISI-30A	H-2	F-A										
REACTOR VESSEL SIS A	ROD / CLAMP		VT3						S			
ISI-30A	W-10	B 3. 90										
REACTOR VESSEL SIS A	SAFE END - NOZZLE		PT UT			S						
ISI-30B	W-7	B 3. 90										
REACTOR VESSEL SIS B	SAFE END - NOZZLE		PT UT							S		
ISI-30A	W-1	B 9. 11										
REACTOR VESSEL SIS A	Valve - PIPE		PT UT									
ISI-30A	W-9	B 5.130										
REACTOR VESSEL SIS A	BENT PIPE - SAFE END		PT UT			S						
ISI-30B	W-6	B 5.130										
REACTOR VESSEL SIS B	BENT PIPE - SAFE END		PT UT							S		
ISI-30A	W-8	B 9. 11										
REACTOR VESSEL SIS A	PIPE - BENT PIPE		PT UT									
ISI-30A	W-7	B 9. 11										
REACTOR VESSEL SIS A	RED. ELBOW - PIPE		PT UT									
ISI-30B	W-5	B 9. 11										
REACTOR VESSEL SIS B	23' ELBOW-BENT PIPE		PT UT									
ISI-30A	W-6	B 9. 11										
REACTOR VESSEL SIS A	PIPE - RED. ELBOW		PT UT									
ISI-30B	W-4	B 9. 11										
REACTOR VESSEL SIS B	REDUCER - 23' ELBOW		PT UT									
ISI-30A	W-5	B 9. 11										
REACTOR VESSEL SIS A	PIPE - PIPE		PT UT									
ISI-30B	W-3	B 9. 11										
REACTOR VESSEL SIS B	Valve - REDUCER		PT UT									
ISI-30A	W-4	B 9. 11										
REACTOR VESSEL SIS A	ELBOW - PIPE		PT UT							S		
ISI-30B	W-2	B 9. 11										
REACTOR VESSEL SIS B	PIPE - Valve		PT UT									
ISI-30B	W-1	B 9. 11										
REACTOR VESSEL SIS B	Valve - PIPE		PT UT					S				
ISI-30A	W-3	B 9. 11										
REACTOR VESSEL SIS A	Valve - ELBOW		PT UT			S						
ISI-30A	W-2	B 9. 40										
REACTOR VESSEL SIS A	PIPE - Valve		PT UT									
ISI-31	H-2	F-A										
PRESSURIZER RELIEF	RUPTURE RESTRAINT		VT3						S			
ISI-31	H-3	F-A										
PRESSURIZER RELIEF	SPRING HANGER		VT3			S						
ISI-31	H-1	F-A										
PRESSURIZER RELIEF	HYDR SNUBBER		VT3			S						
ISI-31	W-1	B 5. 40										
PRESSURIZER RELIEF	NOZZLE - SAFE END		PT UT	G				S				
ISI-31	W-12	B 9. 21										
PRESSURIZER RELIEF	TEE - PIPE		PT									
ISI-31	W-13	B 9. 21										
PRESSURIZER RELIEF	PIPE - ELBOW		PT									
ISI-31	W-14	B 9. 21										
PRESSURIZER RELIEF	ELBOW - Valve		PT									
ISI-31	W-15	B 9. 21										
PRESSURIZER RELIEF	Valve - PIPE		PT									
ISI-31	W-16	B 9. 21										
PRESSURIZER RELIEF	PIPE - Valve		PT			S						
ISI-31	W-3	B 9. 21										
PRESSURIZER RELIEF	REDUCER - 45' ELBOW		PT UT					S				

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					94	96	97	99	00	02		
ISI-31	W-4	B 9. 21										
PRESSURIZER RELIEF	45° ELBOW - PIPE		PT									
ISI-31	W-5	B 9. 21										
PRESSURIZER RELIEF	PIPE - ELBOW		PT									
ISI-31	W-6	B 9. 21										
PRESSURIZER RELIEF	ELBOW - PIPE		PT									
ISI-31	W-8	B 9. 21										
PRESSURIZER RELIEF	PIPE - TEE		PT							S		
ISI-31	W-9	B 9. 21										
PRESSURIZER RELIEF	TEE - Valve		PT									
ISI-31	W-10	B 9. 21										
PRESSURIZER RELIEF	Valve - PIPE		PT									
ISI-31	W-11	B 9. 21										
PRESSURIZER RELIEF	PIPE - Valve		PT									
ISI-32A	H-3	F-A										
AUXILIARY SPRAY	RUPTURE RESTRAINT		VT3								S	
ISI-32A	H-1	F-A										
AUXILIARY SPRAY	LUG		VT3								S	
ISI-32A	H-2	F-A										
AUXILIARY SPRAY	SUPPORT BRACKET		VT3								S	
ISI-32A	H-4	F-A										
AUXILIARY SPRAY	LATERAL RESTRAINT		VT3		S							
ISI-32B	H-3	F-A										
AUXILIARY SPRAY	RIGID HANGER		VT3					S				
ISI-32B	H-2	F-A										
AUXILIARY SPRAY	RIGID HANGER		VT3					S				
ISI-32B	H-1	F-A										
AUXILIARY SPRAY	SPRING & LATERAL		VT3		S							
ISI-32A	W-1	B 9. 21										
AUXILIARY SPRAY	TEE - PIPE		PT UT								S	
ISI-32B	W-2	B 9. 21										
AUXILIARY SPRAY	ELBOW - PIPE		PT									
ISI-32B	W-3	B 9. 21										
AUXILIARY SPRAY	PIPE - TEE		PT									
ISI-32B	W-4	B 9. 21										
AUXILIARY SPRAY	REDUCER - TEE		PT									
ISI-32B	W-5	B 9. 21										
AUXILIARY SPRAY	TEE - PIPE		PT	H							S	
ISI-32B	W-6	B 9. 21										
AUXILIARY SPRAY	PIPE - PIPE		PT	H							S	
ISI-32B	W-9	B 9. 21										
AUXILIARY SPRAY	PIPE - 45 ELBOW		PT									
ISI-32B	W-10	B 9. 21										
AUXILIARY SPRAY	45 ELBOW - PIPE		PT									
ISI-32B	W-11	B 9. 21										
AUXILIARY SPRAY	PIPE - TEE		PT					S				
ISI-32A	W-2	B 9. 21										
AUXILIARY SPRAY	PIPE - ELBOW		PT UT									
ISI-32A	W-3	B 9. 21										
AUXILIARY SPRAY	ELBOW - PIPE		PT									
ISI-32A	W-4	B 9. 21										
AUXILIARY SPRAY	PIPE - VALVE		PT								S	
ISI-32A	W-5	B 9. 21										
AUXILIARY SPRAY	VALVE - PIPE		PT									
ISI-32A	W-6	B 9. 21										
AUXILIARY SPRAY	PIPE - VALVE		PT									
ISI-32A	W-7	B 9. 21										
AUXILIARY SPRAY	VALVE - PIPE		PT									
ISI-32A	W-8	B 9. 21										
AUXILIARY SPRAY	PIPE - TEE		PT									
ISI-32A	W-9	B 9. 21										
AUXILIARY SPRAY	TEE - REDUCER		PT									
ISI-32A	W-10	B 9. 21										
AUXILIARY SPRAY	TEE - PIPE		PT									
ISI-32A	W-11	B 9. 21										
AUXILIARY SPRAY	PIPE - ELBOW		PT									
ISI-32A	W-12	B 9. 21										
AUXILIARY SPRAY	ELBOW - PIPE		PT UT		S							
ISI-32B	W-1	B 9. 21										
AUXILIARY SPRAY	PIPE - ELBOW		PT		S							
ISI-33B	H-3	F-A										
LOW HEAD RV INJ "B"	HYDR SNUBBER/CLAMP		VT3			S						
ISI-33B	H-1	F-A										
LOW HEAD RV INJ "B"	SPRING HANGER		VT3								S	

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ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-33B LOW HEAD RV INJ 'B'	H-2 LATERAL RESTRAINT	F-A	VTJ							S		
ISI-33A LOW HEAD RV INJ 'A'	W-12 BOSS - PIPE	B 9. 32	PT							S		
ISI-33B LOW HEAD RV INJ 'B'	W-12 BOSS - PIPE	B 9. 32	PT									
ISI-33A LOW HEAD RV INJ 'A'	W-3 TEE - REDUCER	B 9. 21	PT									
ISI-33A LOW HEAD RV INJ 'A'	W-2 PIPE - TEE	B 9. 21	PT					S				
ISI-33A LOW HEAD RV INJ 'A'	W-1 Valve - PIPE	B 9. 40	PT									
ISI-33B LOW HEAD RV INJ 'B'	W-11 PIPE - BOSS	B 9. 40	PT									
ISI-33A LOW HEAD RV INJ 'A'	W-11 PIPE - BOSS	B 9. 40	PT									
ISI-33B LOW HEAD RV INJ 'B'	W-10 ELBOW - PIPE	B 9. 21	PT									
ISI-33A LOW HEAD RV INJ 'A'	W-10 ELBOW - PIPE	B 9. 21	PT									
ISI-33B LOW HEAD RV INJ 'B'	W-9 PIPE - ELBOW	B 9. 21	PT									
ISI-33A LOW HEAD RV INJ 'A'	W-9 PIPE - ELBOW	B 9. 21	PT									
ISI-33B LOW HEAD RV INJ 'B'	W-8 ELBOW - PIPE	B 9. 21	PT			S						
ISI-33A LOW HEAD RV INJ 'A'	W-8 ELBOW - PIPE	B 9. 21	PT									
ISI-33B LOW HEAD RV INJ 'B'	W-7 PIPE - ELBOW	B 9. 21	PT									
ISI-33A LOW HEAD RV INJ 'A'	W-7 PIPE - ELBOW	B 9. 21	PT									
ISI-33B LOW HEAD RV INJ 'B'	W-6 ELBOW - PIPE	B 9. 21	PT									
ISI-33A LOW HEAD RV INJ 'A'	W-6 ELBOW - PIPE	B 9. 21	PT							S		
ISI-33B LOW HEAD RV INJ 'B'	W-5 PIPE - ELBOW	B 9. 21	PT							S		
ISI-33B LOW HEAD RV INJ 'B'	W-4 TEE - PIPE	B 9. 21	PT									
ISI-33B LOW HEAD RV INJ 'B'	W-2 PIPE - TEE	B 9. 21	PT									
ISI-33B LOW HEAD RV INJ 'B'	W-3 TEE - REDUCER	B 9. 21	PT									
ISI-33A LOW HEAD RV INJ 'A'	W-5 PIPE - ELBOW	B 9. 21	PT									
ISI-33B LOW HEAD RV INJ 'B'	W-1 Valve - PIPE	B 9. 40	PT			S						
ISI-33A LOW HEAD RV INJ 'A'	W-4 TEE - PIPE	B 9. 21	PT					S				
ISI-34 RC PUMP 12	B-1 PUMP FLANGE BOLTS	B 6.180	UT		S		S		S			
ISI-34 RC PUMP 12	B-2 FLANGE SURFACE	B 6.190	VT1									
ISI-34 RC PUMP 11	B-1 PUMP FLANGE BOLTS	B 6.180	UT		S		S			S		
ISI-34 RC PUMP 11	B-2 FLANGE SURFACE	B 6.190	VT1									
ISI-34 RC PUMP 12	B-3 LOWER SEAL HOUSING	B 7. 60	VT1				S					
ISI-34 RC PUMP 12	B-4 UPPER SEAL HOUSING	B 7. 60	VT1				S					
ISI-34 RC PUMP 12 FLYWHEEL	PUMP #12 PERIPHERY	TS 4.2-1	PT UT		S		S		S			
ISI-34 RC PUMP 12 FLYWHEEL	PUMP #12 BODY	TS 4.2-1	UT		S		S		S			
ISI-34 RC PUMP 12 FLYWHEEL	PUMP #12 KEYWAY	TS 4.2-1	PT UT		S		S		S			
ISI-37 REACTOR VESSEL	R.V. NUTS 1-48 NUTS	B 6. 10	MT		S		S			S		
ISI-37 REACTOR VESSEL	R.V. STUDS 1-48 STUDS	B 6. 30	MT UT		S		S			S		
ISI-37 REACTOR VESSEL	R.V. WASHERS 1-48 WASHERS	B 6. 50	VT1		S		S			S		

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					94	96	97	99	00	02		
ISI-3B R.V. CONOSEAL BLTING	MARMON CLAMP	B 7. 10	VT1		S		S			S		
ISI-41 PRESSURIZER	W-1 VERTICAL SHELL WELD	B 2. 12	UT			S						
ISI-41 PRESSURIZER	W-2 VERTICAL SHELL WELD	B 2. 12	UT				S					
ISI-41 PRESSURIZER	W-3 BOTTOM HEAD / SHELL	B 2. 11	UT		S		S			S		
ISI-41 PRESSURIZER	W-4 SHELL / SHELL	B 2. 11	UT		S		S			S		
ISI-41 PRESSURIZER	W-5 TOP HEAD / SHELL	B 2. 11	UT		S		S			S		
ISI-42 PRESSURIZER	B-1 MANWAY BOLTS	B 7. 20	VT1			S		S		S		
ISI-42 PRESSURIZER	N-2 1R SPRAY NOZZLE	B 3.120	UT	5								
ISI-43A STEAM GENERATOR #11	B-1 INLET MANWAY BOLTS	B 7. 30	VT1		S							
ISI-43B STEAM GENERATOR #12	B-1 INLET MANWAY BOLTS	B 7. 30	VT1		S			S		S		
ISI-43A STEAM GENERATOR #11	N-1 NOZZLE - SHELL	C 2. 21	MT UT			S						
ISI-43B STEAM GENERATOR #12	N-1 NOZZLE - SHELL	C 2. 21	MT UT							S		
ISI-43A STEAM GENERATOR #11	N-4 1R NOZZLE INNER RADIUS	C 2. 22	UT	5								
ISI-43B STEAM GENERATOR #12	N-4 1R NOZZLE INNER RADIUS	C 2. 22		5								
ISI-43A STEAM GENERATOR #11	N-4 NOZZLE - TOP HEAD	C 2. 21	MT UT							S		
ISI-43B STEAM GENERATOR #12	N-4 NOZZLE - TOP HEAD	C 2. 21	MT UT					S				
ISI-43A STEAM GENERATOR #11	N-1 1R Nozzle Inner Radius	C 2. 22	UT	5								
ISI-43B STEAM GENERATOR #12	N-1 1R NOZZEL INNER RADIUS	C 2. 22	UT	5								
ISI-43A STEAM GENERATOR #11	B-2 OUTLET MANWAY BOLTS	B 7. 30	VT1		S							
ISI-43B STEAM GENERATOR #12	B-2 OUTLET MANWAY BOLTS	B 7. 30	VT1		S			S		S		
ISI-43A STEAM GENERATOR #11	W-A TUBE SHEET / HEAD	B 2. 40	UT					S				
ISI-43B STEAM GENERATOR #12	W-A TUBE SHEET / HEAD	B 2. 40	UT					S				
ISI-43A STEAM GENERATOR #11	W-B TUBESHEET - SHELL	C 1. 30	UT					S				
ISI-43B STEAM GENERATOR #12	W-B TUBESHEET - SHELL	C 1. 30	UT					S				
ISI-43A STEAM GENERATOR #11	W-C SHELL-CIRCUMFERENTIA	C 1. 10	UT			S						
ISI-43B STEAM GENERATOR #12	W-C SHELL-CIRCUMFERENTIA	C 1. 10	UT							S		
ISI-43A STEAM GENERATOR #11	W-D SHELL-CIRCUMFERENTIA	C 1. 10	UT									
ISI-43B STEAM GENERATOR #12	W-D SHELL-CIRCUMFERENTIA	C 1. 10	UT									
ISI-43A STEAM GENERATOR #11	W-E SHELL - TRANSITION	C 1. 10	UT			S						
ISI-43B STEAM GENERATOR #12	W-E SHELL - TRANSITION	C 1. 10	UT							S		
ISI-43A STEAM GENERATOR #11	W-F TRANSITION - SHELL	C 1. 10	UT			S						
ISI-43B STEAM GENERATOR #12	W-F TRANSITION - SHELL	C 1. 10	UT							S		
ISI-43A STEAM GENERATOR #11	W-G SHELL-CIRCUMFERENTIA	C 1. 10	UT									
ISI-43B STEAM GENERATOR #12	W-G SHELL-CIRCUMFERENTIA	C 1. 10	UT									
ISI-43A STEAM GENERATOR #11	W-H TOP HEAD - SHELL	C 1. 20	UT			S						
ISI-43B STEAM GENERATOR #12	W-H TOP HEAD - SHELL	C 1. 20	UT							S		
ISI-44 REGEN HEAT EXCHANGER	W-1 HEAD - SHELL	B 2. 50	UT									

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					94	96	97	99	00	02				
ISI-44	W-2	B 2. 50												
REGEN HEAT EXCHANGER	HEAD - SHELL		UT											
ISI-44	W-3	B 2. 50												
REGEN HEAT EXCHANGER	HEAD - SHELL		UT											
ISI-44	W-4	B 2. 50												
REGEN HEAT EXCHANGER	HEAD - SHELL		UT											
ISI-44	W-5	B 2. 60												
REGEN HEAT EXCHANGER	HEAD - SHELL		UT											
ISI-44	W-6	B 2. 50												
REGEN HEAT EXCHANGER	HEAD - SHELL		UT											
ISI-46	W-2	B 9. 11												
RCS DRAINDOWN	NOZZLE - PIPE		PT UT											
ISI-46	W-1	B 9. 31												
RCS DRAINDOWN	PIPE - NOZZLE		PT UT				S							
ISI-47	W-2	B 9. 11												
PLO-CAP 'B'	NOZZLE - PIPE		PT UT					S						
ISI-47	W-1	B 9. 31												
PLO-CAP 'B'	PIPE - NOZZLE		PT UT											
ISI-48	LIGAMENTS 1-48	B 6. 40												
REACTOR VESSEL	LIGAMENTS		UT		S		S					S		
ISI-48	W-1	B 1. 30												
R.V. SHELL WELDS	FLANGE / VESSEL		UT		S								S	
ISI-48	W-2	B 1. 11												
R.V. SHELL WELDS	UP SHELL / LOW SHELL		UT										S	
ISI-48	W-3	B 1. 11												
R.V. SHELL WELDS	LOW SHELL (INTER.)		UT										S	
ISI-48	W-4	B 1. 11												
R.V. SHELL WELDS	LOW SHELL / LOW HEAD		UT										S	
ISI-48	W-5	B 1. 21												
R.V. HEAD WELDS	RING / DISC		UT										S	
ISI-49	W-6	B 1. 40												
R.V. CLOSURE HEAD	HEAD - FLANGE		MT UT		S		S						S	
ISI-50	LUG # 90"	B 8. 10												
R.V. NOZZLE ORIEN.	SUPPORT LUG		UT											
ISI-50	LUG # 270"	B 8. 10												
R.V. NOZZLE ORIEN.	SUPPORT LUG		UT											
ISI-50	W-6	B 3. 90												
R.V. NOZZLE ORIEN.	NOZZLE - VESSEL		UT										S	
ISI-50	W-6 1R	B 3.100												
R.V. NOZZLE ORIEN.	NOZZLE - VESSEL		UT										S	
ISI-50	W-7	B 3. 90												
R.V. NOZZLE ORIEN.	NOZZLE - VESSEL		UT			S								
ISI-50	W-7 1R	B 3.100												
R.V. NOZZLE ORIEN.	NOZZLE - VESSEL		UT			S								
ISI-50	W-8	B 3. 90												
R.V. NOZZLE ORIEN.	NOZZLE - VESSEL		UT			S								
ISI-50	W-8 1R	B 3.100												
R.V. NOZZLE ORIEN.	NOZZLE - VESSEL		UT			S								
ISI-51A	W-4 LS D 2U	C 5. 50												
MAIN STEAM 'A'	ELBOW - PIPE		MT PT											
ISI-51A	W-1 LS 2D	C 5. 50												
MAIN STEAM 'A'	NOZZLE - RED. ELBOW		MT UT							S				
ISI-51A	W-11 LS UD	C 5. 50												
MAIN STEAM 'A'	PIPE - PIPE		MT UT											
ISI-51A	W-8 LS 2U	C 5. 50												
MAIN STEAM 'A'	45° ELBOW - PIPE		MT UT											
ISI-51A	W-9 LS 2D	C 5. 50												
MAIN STEAM 'A'	PIPE - 45° ELBOW		MT UT											
ISI-51A	W-2 LS D 2U	C 5. 50												
MAIN STEAM 'A'	RED. ELBOW - PIPE		PT UT											
ISI-51A	W-3 LS 2D U	C 5. 50												
MAIN STEAM 'A'	PIPE - ELBOW		MT UT											
ISI-51A	W-5 LS UD	C 5. 50												
MAIN STEAM 'A'	PIPE - PIPE		PT UT											
ISI-51A	W-6 LS UD	C 5. 50												
MAIN STEAM 'A'	PIPE - PIPE		MT UT											
ISI-51A	W-7 LS D 2U	C 5. 51												
MAIN STEAM 'A'	PIPE - 45 ELBOW		MT UT					S						
ISI-51A	W-10 LS D 2U	C 5. 50												
MAIN STEAM 'A'	45° ELBOW - PIPE		MT UT											
ISI-51A	H-1	F-A 4 C 3. 20												
MAIN STEAM 'A'	SEISMIC RESTRAINT		MT VT3									S		
ISI-51A	H-9	F-A												
MAIN STEAM 'A'	SEISMIC RESTRAINT		PT VT3					S						

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
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Reference: ASME Section XI
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ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-51A MAIN STEAM 'A'	H-5 BEAR'G BRAK ASSY (3)	F-A & C 3. 20	MT VT3			S						
ISI-51A MAIN STEAM 'A'	H-6 BEAR'G BRAK ASSY (3)	F-A & C 3. 20	MT VT3			S						
ISI-51A MAIN STEAM 'A'	H-7 BEAR'G BRAK ASSY (3)	F-A & C 3. 20	MT VT3					S				
ISI-51A MAIN STEAM 'A'	H-8 ANCHOR ELBOW (8)	F-A & C 3. 20	MT VT3					S				
ISI-51A MAIN STEAM 'A'	H-2 SEISMIC RESTRAINT	F-A & C 3. 20	MT VT3						S			
ISI-51A MAIN STEAM 'A'	H-4 SEISMIC RESTRAINT	F-A & C 3. 20	MT VT3						S			
ISI-51B MAIN STEAM 'A'	W-1 LS UD PIPE - PIPE	C 5. 50 & HELB	MY UT						S			
ISI-51B MAIN STEAM 'A'	W-4 LS 2D U PIPE - TEE	C 5. 50	MT UT	I								
ISI-51B MAIN STEAM 'A'	W-6 LS D 2U 45° ELBOW - PIPE	C 5. 50	MT UT				S					
ISI-51B MAIN STEAM 'A'	W-2 LS 2U2D PIPE - 58° ELBOW	C 5. 50	MT UT									
ISI-51B MAIN STEAM 'A'	W-3 LS D2U 58° ELBOW - PIPE	C 5. 50	MT UT									
ISI-51C MAIN STEAM 'A'	W-4 PIPE - ELBOW	C 5. 51	MT UT									
ISI-51C MAIN STEAM 'A'	W-5 ELBOW - Valve	C 5. 51	MT UT						S			
ISI-51C MAIN STEAM 'A'	W-6 Valve - REDUCER	C 5. 51	MT UT									
ISI-51B MAIN STEAM 'A'	W-5 LS 2U2D RED. TEE - 45° ELBOW	C 5. 50	MT UT	I								
ISI-51C MAIN STEAM 'A'	W-7 REDUCER - Valve	C 5. 51	MT UT									
ISI-51B MAIN STEAM 'A'	W-7 LSU PIPE - Valve	C 5. 50	MT UT									
ISI-51B MAIN STEAM 'A'	W-8 Valve - Valve	C 5. 21	MT UT									
ISI-51C MAIN STEAM 'A'	W-13 LSU PIPE - CAP	C 5. 50	MT UT				S					
ISI-51C MAIN STEAM 'A'	W-12 PIPE - FLANGE	C 5. 80	MT UT				S					
ISI-51C MAIN STEAM 'A'	W-11 PIPE-FLANGED NOZZLE	C 5. 80	MT									
ISI-51C MAIN STEAM 'A'	W-10 LS D/U TEE - PIPE	C 5. 50	MT UT									
ISI-51C MAIN STEAM 'A'	W-9 LSU PIPE-FLANGED NOZZLE	C 5. 80	MT	I								
ISI-51C MAIN STEAM 'A'	W-14 LSUD TEE - PIPE	C 5. 50	MT UT									
ISI-51C MAIN STEAM 'A'	W-15 PIPE-FLANGED NOZZLE	C 5. 80	MT									
ISI-51C MAIN STEAM 'A'	W-16 PIPE-FLANGED NOZZLE	C 5. 80	MT									
ISI-51C MAIN STEAM 'A'	W-17 LSU PIPE - CAP	C 5. 50	MT UT									
ISI-51C MAIN STEAM 'A'	W-1 LS UD TEE - PIPE	C 5. 50	MT UT	I								
ISI-51C MAIN STEAM 'A'	W-2 LSD PIPE - SWEEPolet	C 5. 80	MT UT	I								
ISI-51C MAIN STEAM 'A'	W-8 LSUD PIPE - TEE	C 5. 50	MT UT	I								
ISI-51C MAIN STEAM 'A'	W-3 SWEEPolet - PIPE	C 5. 51	MT UT	I								
ISI-51C MAIN STEAM 'A'	H-3 CONST SUPPORT	F-A	VT3						S			
ISI-51B MAIN STEAM 'A'	H-1 BEAR'G BRAK ASSY	F-A & C 3. 20	MT VT3						S			
ISI-51C MAIN STEAM 'A'	H-1 SUPPORT BRAK ASSY	F-A & C 3. 20	MT VT3				S					
ISI-52 FEEDWATER LOOP 'A'	W-5 PENETRATION - PIPE	C 5. 21	MT UT									
ISI-52 FEEDWATER LOOP 'A'	W-6 PIPE - ELBOW	C 5. 21	MT UT									
ISI-52 FEEDWATER LOOP 'A'	W-7 ELBOW - PIPE	C 5. 21	MT UT									

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ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-52	FEEDWATER LOOP 'A'	W-9	PIPE - ELBOW	MT UT		S						
ISI-52	FEEDWATER LOOP 'A'	W-10	ELBOW - PIPE	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-11	PIPE - ELBOW	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-12	ELBOW - PIPE	MT UT			S					
ISI-52	FEEDWATER LOOP 'A'	W-13	PIPE - ELBOW	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-14	ELBOW - PIPE	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-15	PIPE - ELBOW	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-16	ELBOW - PIPE	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-17	PIPE - ELBOW	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-18	ELBOW - PIPE	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-20	Valve - ELBOW	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-21	ELBOW - PIPE	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-26	SWEEPolet - PIPE	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-22	PIPE - REDUCER	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-23	Reducer / Nozzle	MT UT		S						
ISI-52	FEEDWATER LOOP 'A'	W-25	PIPE - SWEEPolet	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-24	REDUCER - PIPE	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-8	PIPE - PIPE	MT UT								
ISI-52	FEEDWATER LOOP 'A'	H-2	SEISMIC RESTRAINT	MT VT3		S						
ISI-52	FEEDWATER LOOP 'A'	H-3	ANCHOR SUPPORT	VT3		S						
ISI-52	FEEDWATER LOOP 'A'	H-9	ANCHOR ELBOW	VT3							S	
ISI-52	FEEDWATER LOOP 'A'	H-8	ANCHOR ELBOW	MT VT3							S	
ISI-52	FEEDWATER LOOP 'A'	H-6	ANCHOR ELBOW	MT VT3			S					
ISI-52	FEEDWATER LOOP 'A'	H-5	RESTRAINT	MT VT3			S					
ISI-52	FEEDWATER LOOP 'A'	H-4	ANCHOR ELBOW	MT VT3		S						
ISI-52	FEEDWATER LOOP 'A'	H-7	BEARING BRK ASSY	VT3			S					
ISI-52	FEEDWATER LOOP 'A'	W-1	Valve - PIPE	MT UT						S		
ISI-52	FEEDWATER LOOP 'A'	W-2	PIPE - ELBOW	MT UT			S					
ISI-52	FEEDWATER LOOP 'A'	W-4	PIPE - PENETRATION	MT UT								
ISI-52	FEEDWATER LOOP 'A'	W-3	ELBOW - PIPE	MT UT						S		
ISI-52	FEEDWATER LOOP 'A'	H-1	SEISMIC RESTRAINT	MT VT3			S					
ISI-53A	RHR SUCTION PUMP	W-1	VALVE - REDUCER	PT UT		S						
ISI-53A	RHR SUCTION PUMP	W-4	VALVE - REDUCER	PT UT								
ISI-53A	RHR SUCTION PUMP	W-5/LSU	REDUCER - ELBOW									
ISI-53A	RHR SUCTION PUMP	W-6	ELBOW - TEE									
ISI-53A	RHR SUCTION PUMP	W-2/LSU	REDUCER - ELBOW									
ISI-53A	RHR SUCTION PUMP	W-3/LSU	ELBOW - TEE									

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					94	96	97	99	00	02		
ISI-53A	W-8/LSUD	C X. XX										
RHR SUCTION PUMP	TEE - 45" ELBOW											
ISI-53A	W-9/LSU	C X. XX										
RHR SUCTION PUMP	45" ELBOW - PIPE											
ISI-53B	W-1	C 5. 51										
RHR SUCTION PUMP	PIPE - PIPE		PT UT					S				
ISI-53B	W-2/LSU	C X. XX										
RHR SUCTION PUMP	PIPE - ELBOW											
ISI-53B	W-10	C X. XX										
RHR SUCTION PUMP	PIPE - PIPE											
ISI-53B	W-6	C X. XX										
RHR SUCTION PUMP	PIPE - PIPE											
ISI-53B	W-9	C X. XX										
RHR SUCTION PUMP	PIPE - PIPE											
ISI-53B	W-3/LSU	C X. XX										
RHR SUCTION PUMP	ELBOW - PIPE											
ISI-53B	W-4/LSU	C X. XX										
RHR SUCTION PUMP	PIPE - ELBOW											
ISI-53B	W-5/LSU	C X. XX										
RHR SUCTION PUMP	ELBOW - PIPE											
ISI-53B	W-7/LSU	C X. XX										
RHR SUCTION PUMP	PIPE - ELBOW											
ISI-53B	W-8/LSU	C X. XX										
RHR SUCTION PUMP	ELBOW - PIPE											
ISI-53B	W-11/LSU	C X. XX										
RHR SUCTION PUMP	PIPE - REDUCING TEE											
ISI-53B	W-12/LSUD	C X. XX										
RHR SUCTION PUMP	RED. TEE - REDUCER											
ISI-53B	W-13/LSU	C X. XX										
RHR SUCTION PUMP	REDUCING TEE - PIPE											
ISI-53B	W-14	C X. XX										
RHR SUCTION PUMP	PIPE - PIPE											
ISI-53B	W-15/LSU	C X. XX										
RHR SUCTION PUMP	PIPE - ELBOW											
ISI-53B	W-16/LSU	C X. XX										
RHR SUCTION PUMP	ELBOW - PIPE											
ISI-53B	W-17/LSU	C X. XX										
RHR SUCTION PUMP	PIPE - ELBOW											
ISI-53B	W-18/LSU	C X. XX										
RHR SUCTION PUMP	ELBOW - PIPE											
ISI-53B	W-19	C X. XX										
RHR SUCTION PUMP	PIPE - VALVE											
ISI-53C	W-1	C X. XX										
RHR SUCTION PUMP 'A'	VALVE - VALVE											
ISI-53C	W-2 LSU	C X. XX										
RHR SUCTION PUMP 'A'	VALVE - ELBOW											
ISI-53C	W-3/LSU	C X. XX										
RHR SUCTION PUMP 'A'	ELBOW - REDUCER											
ISI-53C	W-4/LS UD	C 5. 10										
RHR SUCTION PUMP 'A'	REDUCER - RED. TEE		PT UT					S				
ISI-53C	W-5/LS UD	C 5. 10										
RHR SUCTION PUMP 'A'	REDUCING TEE - PIPE		PT UT					S				
ISI-53C	W-6/LS UD	C 5. 10										
RHR SUCTION PUMP 'A'	PIPE - TEE		PT UT									
ISI-53C	W-7/LSUD	C 5. 10										
RHR SUCTION PUMP 'A'	TEE - PIPE		PT UT									
ISI-53C	W-8/LSUD	C 5. 10										
RHR SUCTION PUMP 'A'	PIPE - ELBOW		PT UT							S		
ISI-53C	W-9/LSUD	C 5. 10										
RHR SUCTION PUMP 'A'	ELBOW - PIPE		PT UT							S		
ISI-53C	W-10/LSUD	C 5. 10										
RHR SUCTION PUMP 'A'	PIPE - ELBOW		PT UT									
ISI-53C	W-11/LSUD	C 5. 10										
RHR SUCTION PUMP 'A'	ELBOW - PIPE		PT UT									
ISI-53C	W-12/LSU	C 5. 10										
RHR SUCTION PUMP 'A'	PIPE - FLANGE		PT UT					S				
ISI-53C	W-13/LSU	C 5. 10										
RHR SUCTION PUMP 'A'	FLANGE - PIPE		PT UT									
ISI-53C	W-14/LSU	C 5. 10										
RHR SUCTION PUMP 'A'	PIPE - FLANGE		PT UT									
ISI-53C	W-15/LSU	C 5. 10										
RHR SUCTION PUMP 'A'	FLANGE - REDUCER		PT UT					S				
ISI-53C	W-16 LSU	C X. XX										
RHR SUCTION PUMP 'A'	REDUCER - PUMP 'A'											

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ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule									
					94	96	97	99	00	02				
ISI-53C	RHR SUCTION PUMP 'A'	H-5	VT3			S								
ISI-53C	RHR SUCTION PUMP 'A'	H-2	VT3							S				
ISI-53C	RHR SUCTION PUMP 'A'	H-1	VT3				S							
ISI-53C	RHR SUCTION PUMP 'A'	H-3	VT3			S								
ISI-53C	RHR SUCTION PUMP 'A'	H-4	VT3			S								
ISI-53B	RHR SUCTION PUMP	H-1	VT3					S						
ISI-83A	RHR PUMP "A" DISCH	W-21												
ISI-55B	RHR PUMP "A" DISCH	W-6/LSU												
ISI-55B	RHR PUMP "A" DISCH	W-5/LSU												
ISI-55B	RHR PUMP "A" DISCH	W-12												
ISI-55B	RHR PUMP "A" DISCH	W-13/LSU												
ISI-55B	RHR PUMP "A" DISCH	W-15/LSU												
ISI-55B	RHR PUMP "A" DISCH	W-14/LSU												
ISI-55B	RHR PUMP "A" DISCH	W-16/LSU												
ISI-55B	RHR PUMP "A" DISCH	W-17/LSU												
ISI-55B	RHR PUMP "A" DISCH	W-18/LSU												
ISI-55B	RHR PUMP "A" DISCH	W-22/LSU												
ISI-89A	RHR PUMP "A" DISCH	W-1												
ISI-89A	RHR PUMP "A" DISCH	W-2/LSU												
ISI-89A	RHR PUMP "A" DISCH	W-3/LSU												
ISI-89A	RHR PUMP "A" DISCH	W-4												
ISI-89A	RHR PUMP "A" DISCH	W-5												
ISI-89A	RHR PUMP "A" DISCH	W-6												
ISI-89A	RHR PUMP "A" DISCH	W-7												
ISI-89A	RHR PUMP "A" DISCH	W-8												
ISI-89A	RHR PUMP "A" DISCH	W-9												
ISI-89A	RHR PUMP "A" DISCH	W-10												
ISI-89A	RHR PUMP "A" DISCH	W-12/LSU												
ISI-89A	RHR PUMP "A" DISCH	W-17												
ISI-89A	RHR PUMP "A" DISCH	W-18												
ISI-89A	RHR PUMP "A" DISCH	W-19												
ISI-89A	RHR PUMP "A" DISCH	W-13/LSU												
ISI-89A	RHR PUMP "A" DISCH	W-20												
ISI-89A	RHR PUMP "A" DISCH	W-14												
ISI-89A	RHR PUMP "A" DISCH	W-15												
ISI-55A	RHR PUMP "A" DISCH	W-10/LSU												
ISI-83A	RHR PUMP "A" DISCH	W-14												

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-55B	W-19/LSD	C X. XX										
RHR PUMP "A" DISCH	PIPE - ELBOW											
ISI-55B	W-20/LSU	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-55B	W-21/LSU	C X. XX										
RHR PUMP "A" DISCH	PIPE - ELBOW											
ISI-83A	W-13	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-89A	W-16	C X. XX										
RHR PUMP "A" DISCH	PIPE - PEN # 48											
ISI-83A	W-12	C X. XX										
RHR PUMP "A" DISCH	PIPE - ELBOW											
ISI-83A	W-11	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-55B	W-4	C X. XX										
RHR PUMP "A" DISCH	PIPE - PIPE											
ISI-55B	W-7/LSU	C X. XX										
RHR PUMP "A" DISCH	PIPE - ELBOW											
ISI-55B	W-8/LSUD	C X. XX										
RHR PUMP "A" DISCH	ELBOW - ELBOW											
ISI-55B	W-9	C X. XX										
RHR PUMP "A" DISCH	ELBOW - RED TEE											
ISI-83A	W-10	C X. XX										
RHR PUMP "A" DISCH	PIPE - ELBOW											
ISI-55B	W-10/LSD	C X. XX										
RHR PUMP "A" DISCH	RED TEE - FLANGE											
ISI-55B	W-11	C X. XX										
RHR PUMP "A" DISCH	FLANGE - VALVE											
ISI-83A	W-9	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-83A	W-8	C X. XX										
RHR PUMP "A" DISCH	TEE - ELBOW											
ISI-83A	W-7	C X. XX										
RHR PUMP "A" DISCH	PIPE - TEE											
ISI-83A	W-6	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-83A	W-5	C X. XX										
RHR PUMP "A" DISCH	PIPE - ELBOW											
ISI-83A	W-4	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-83A	W-3	C X. XX										
RHR PUMP "A" DISCH	PIPE - ELBOW											
ISI-83A	W-2	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-83A	W-1/LSU	C X. XX										
RHR PUMP "A" DISCH	RED TEE - ELBOW											
ISI-83A	W-15	C X. XX										
RHR PUMP "A" DISCH	ELBOW - ELBOW											
ISI-83A	W-16	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-83A	W-17	C X. XX										
RHR PUMP "A" DISCH	PIPE - ELBOW											
ISI-83A	W-18	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-55A	W-1/LSD	C X. XX										
RHR PUMP "A" DISCH	NOZZLE - REDUCER											
ISI-55A	W-2/LSD	C X. XX										
RHR PUMP "A" DISCH	REDUCER - VALVE											
ISI-55A	W-3	C X. XX										
RHR PUMP "A" DISCH	VALVE - PIPE											
ISI-55A	W-5	C X. XX										
RHR PUMP "A" DISCH	PIPE - VALVE											
ISI-55A	W-6	C X. XX										
RHR PUMP "A" DISCH	VALVE - PIPE											
ISI-55A	W-7/LSU	C X. XX										
RHR PUMP "A" DISCH	PIPE - TEE											
ISI-55A	W-8/LSU	C X. XX										
RHR PUMP "A" DISCH	TEE - PIPE											
ISI-83A	W-19	C X. XX										
RHR PUMP "A" DISCH	PIPE - 45° ELBOW											
ISI-83A	W-20	C X. XX										
RHR PUMP "A" DISCH	45° ELBOW - PIPE											
ISI-55A	W-9/LSU	C X. XX										
RHR PUMP "A" DISCH	PIPE - ELBOW											

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-55A	W-11/LSU	C X. XX										
RHR PUMP "A" DISCH	TRK - VALVE											
ISI-55A	W-12/LSU	C X. XX										
RHR PUMP "A" DISCH	VALVE - ELBOW											
ISI-55A	W-13/LSU	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-55A	W-14/LSU	C X. XX		H								
RHR PUMP "A" DISCH	PIPE - 45" ELBOW											
ISI-55A	W-15/LSU	C X. XX		H								
RHR PUMP "A" DISCH	45" ELBOW - PIPE											
ISI-55A	W-16	C 2. 31										
RHR PUMP "A" DISCH	PIPE - HEAT EXCHANGE		PT			S						
ISI-55B	W-1	C 2. 31										
RHR PUMP "A" DISCH	HEAT EXCHANGE - PIPE		PT							S		
ISI-55B	W-2/LSU	C X. XX										
RHR PUMP "A" DISCH	PIPE - ELBOW											
ISI-55B	W-3/LSU	C X. XX										
RHR PUMP "A" DISCH	ELBOW - PIPE											
ISI-43C	H-25	F-A					S					
STEAM GENERATOR #11	BASE # 1		VT3									
ISI-43D	H-25	F-A				S						
STEAM GENERATOR #12	BASE # 1		VT3									
ISI-43C	H-21B	F-A										
STEAM GENERATOR #11	COLUMN BOT & PIN # 1		VT3				S					
ISI-43D	H-21B	F-A										
STEAM GENERATOR #12	COLUMN BOT & PIN # 1		VT3			S						
ISI-43C	H-26	F-A										
STEAM GENERATOR #11	BASE # 2		VT3							S		
ISI-43D	H-26	F-A										
STEAM GENERATOR #12	BASE # 2		VT3				S					
ISI-43C	H-22B	F-A										
STEAM GENERATOR #11	COLUMN BOT & PIN # 2		VT3							S		
ISI-43D	H-22B	F-A										
STEAM GENERATOR #12	COLUMN BOT & PIN # 2		VT3				S					
ISI-43C	H-27	F-A										
STEAM GENERATOR #11	BASE # 3		VT3							S		
ISI-43D	H-27	F-A										
STEAM GENERATOR #12	BASE # 3		VT3				S					
ISI-43C	H-23B	F-A										
STEAM GENERATOR #11	COLUMN BOT & PIN # 3		VT3							S		
ISI-43D	H-23B	F-A										
STEAM GENERATOR #12	COLUMN BOT & PIN # 3		VT3				S					
ISI-43C	H-28	F-A										
STEAM GENERATOR #11	BASE # 4		VT3				S					
ISI-43D	H-28	F-A										
STEAM GENERATOR #12	BASE # 4		VT3			S						
ISI-43C	H-24B	F-A										
STEAM GENERATOR #11	COLUMN BOT & PIN # 4		VT3							S		
ISI-43D	H-24B	F-A										
STEAM GENERATOR #12	COLUMN BOT & PIN # 4		VT3			S						
ISI-43D	H-21	F-A										
STEAM GENERATOR #12	TOP CONNECTION # 1		VT3			S						
ISI-43C	H-21	F-A										
STEAM GENERATOR #11	TOP CONNECTION # 1		VT3				S					
ISI-43C	H-21A	F-A										
STEAM GENERATOR #11	COLUMN TOP & PIN # 1		VT3				S					
ISI-43D	H-21A	F-A										
STEAM GENERATOR #12	COLUMN TOP & PIN # 1		VT3			S						
ISI-43C	H-22	F-A										
STEAM GENERATOR #11	TOP CONNECTION # 2		VT3							S		
ISI-43D	H-22	F-A										
STEAM GENERATOR #12	TOP CONNECTION # 2		VT3					S				
ISI-43C	H-22A	F-A										
STEAM GENERATOR #11	COLUMN TOP & PIN # 2		VT3							S		
ISI-43D	H-22A	F-A										
STEAM GENERATOR #12	COLUMN TOP & PIN # 2		VT3					S				
ISI-43C	H-23	F-A										
STEAM GENERATOR #11	TOP CONNECTION # 3		VT3							S		
ISI-43D	H-23	F-A										
STEAM GENERATOR #12	TOP CONNECTION # 3		VT3					S				
ISI-43C	H-23A	F-A										
STEAM GENERATOR #11	COLUMN TOP & PIN # 3		VT3							S		
ISI-43D	H-23A	F-A										
STEAM GENERATOR #12	COLUMN TOP & PIN # 3		VT3					S				

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-43C	H-24	F-A										
STEAM GENERATOR #11	TOP CONNECTION # 4		VT3				S					
ISI-43D	H-24	F-A										
STEAM GENERATOR #12	TOP CONNECTION # 4		VT3			S						
ISI-43C	H-24A	F-A										
STEAM GENERATOR #11	COLUMN TOP & PIN # 4		VT3				S					
ISI-43D	H-24A	F-A										
STEAM GENERATOR #12	COLUMN TOP & PIN # 4		VT3			S						
ISI-14	H-10	F-A										
RC PUMP 11	BASE # 1		VT3				S					
ISI-34	H-10	F-A										
RC PUMP 12	BASE # 1		VT3			S						
ISI-14	H-10A	F-A										
RC PUMP 11	COLUMN BOT & PIN # 1		VT3				S					
ISI-34	H-10A	F-A										
RC PUMP 12	COLUMN BOT & PIN # 1		VT3			S						
ISI-14	H-11	F-A										
RC PUMP 11	BASE # 2		VT3				S					
ISI-34	H-11	F-A										
RC PUMP 12	BASE # 2		VT3						S			
ISI-14	H-11A	F-A										
RC PUMP 11	COLUMN BOT & PIN # 2		VT3				S					
ISI-34	H-11A	F-A										
RC PUMP 12	COLUMN BOT & PIN # 2		VT3						S			
ISI-14	H-12	F-A										
RC PUMP 11	BASE # 3		VT3							S		
ISI-34	H-12	F-A										
RC PUMP 12	BASE # 3		VT3				S					
ISI-14	H-12A	F-A										
RC PUMP 11	COLUMN BOT & PIN # 3		VT3							S		
ISI-34	H-12A	F-A										
RC PUMP 12	COLUMN BOT & PIN # 3		VT3				S					
ISI-14	H-7	F-A										
RC PUMP 11	CONNECTION # 1		VT3				S					
ISI-34	H-7	F-A										
RC PUMP 12	CONNECTION # 1		VT3			S						
ISI-14	H-7A	F-A										
RC PUMP 11	COLUMN TOP & PIN # 1		VT3				S					
ISI-34	H-7A	F-A										
RC PUMP 12	COLUMN TOP & PIN # 1		VT3			S						
ISI-14	H-8	F-A										
RC PUMP 11	CONNECTION # 2		VT3					S				
ISI-34	H-8	F-A										
RC PUMP 12	CONNECTION # 2		VT3						S			
ISI-14	H-8A	F-A										
RC PUMP 11	COLUMN TOP & PIN # 2		VT3				S					
ISI-34	H-8A	F-A										
RC PUMP 12	COLUMN TOP & PIN # 2		VT3						S			
ISI-14	H-9	F-A										
RC PUMP 11	CONNECTION # 3		VT3							S		
ISI-34	H-9	F-A										
RC PUMP 12	CONNECTION # 3		VT3				S					
ISI-14	H-9A	F-A										
RC PUMP 11	COLUMN TOP & PIN # 3		VT3							S		
ISI-34	H-9A	F-A										
RC PUMP 12	COLUMN TOP & PIN # 3		VT3				S					
ISI-68A	W-1 LS 2D	C 5. 50										
MAINSTEAM 'B'	NOZZLE - RED. ELBOW		MT UT					S				
ISI-68A	W-8 LS 2U2D	C 5. 50										
MAINSTEAM 'B'	RED. ELBOW - PIPE		MT UT									
ISI-68A	W-9 LS 2U2D	C 5. 50										
MAINSTEAM 'B'	PIPE - RED. ELBOW		MT UT									
ISI-68A	W-2 LS 2U2D	C 5. 50										
MAINSTEAM 'B'	RED. ELBOW - PIPE		MT UT									
ISI-68A	W-3 LS 2U D	C 5. 50										
MAINSTEAM 'B'	PIPE - ELBOW		MT UT									
ISI-68A	W-4 LS D2U	C 5. 50										
MAINSTEAM 'B'	ELBOW - PIPE		MT UT			S						
ISI-68A	W-5 LS UD	C 5. 50										
MAINSTEAM 'B'	PIPE - PIPE		MT UT									
ISI-68A	W-6 LS UD	C 5. 50										
MAINSTEAM 'B'	PIPE - PIPE		MT UT									
ISI-68A	W-7 LS 2D U	C 5. 50										
MAINSTEAM 'B'	PIPE - 45 ELBOW		MT UT									

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ISI-68A MAINSTEAM 'B'	W-10 LS U 2D 45 RED. ELBOW - PIPE	C 5. 50	MT UT									
ISI-68A MAINSTEAM 'B'	W-11 LS UD PIPE - PIPE	C 5. 50	MT UT									
ISI-68A MAINSTEAM 'B'	H-2 SEISMIC RESTRAINT	F-A 4 C 3. 20	MT VT3					S				
ISI-68A MAINSTEAM 'B'	H-8 SEISMIC RESTRAINT	F-A 4 C 3. 20	MT VT3						S			
ISI-68A MAINSTEAM 'B'	H-4 BEAR'G BRAK ASSY / 3	F-A 4 C 3. 20	MT VT3			S						
ISI-68A MAINSTEAM 'B'	H-5 BEAR'G BRAK ASSY / 3	F-A 4 C 3. 20	MT VT3	I						S		
ISI-68A MAINSTEAM 'B'	H-6 BEAR'G BRAK ASSY / 3	F-A 4 C 3. 20	MT VT3	I						S		
ISI-68A MAINSTEAM 'B'	H-7 ANCHOR ELBOW / 8	F-A 4 C 3. 20	MT VT3	I		S						
ISI-68A MAINSTEAM 'B'	H-1 SEISMIC RESTRAINT	F-A 4 C 3. 20	MT VT3					S				
ISI-68A MAINSTEAM 'B'	H-3 SEISMIC RESTRAINT	F-A 4 C 3. 20	MT VT3					S				
ISI-68B MAINSTEAM 'B'	H-4 HEADER RESTRAINT	F-A	VT3	I				S				
ISI-68B MAINSTEAM 'B'	W-9 LS UD REDUCING TEE - PIPE	C 5. 50	MT UT	I								
ISI-68C MAINSTEAM 'B'	W-1 PIPE - SWEEPOLET	C 5. 80	MT	I								
ISI-68C MAINSTEAM 'B'	W-7 LS 2U D PIPE - TEE	C 5. 50	MT UT									
ISI-68C MAINSTEAM 'B'	W-2 SWEEPOLET - PIPE	C 5. 51	MT UT									
ISI-68C MAINSTEAM 'B'	W-3 PIPE - ELBOW	C 5. 51	MT UT					S				
ISI-68C MAINSTEAM 'B'	W-4 ELBOW - Valve	C 5. 51	MT UT									
ISI-68C MAINSTEAM 'B'	W-5 Valve - REDUCER	C 5. 51	MT UT									
ISI-68C MAINSTEAM 'B'	W-6 REDUCER - Valve	C 5. 51	MT UT									
ISI-68C MAINSTEAM 'B'	W-12 LS U PIPE - CAP	C 5. 50	MT UT									
ISI-68C MAINSTEAM 'B'	W-11 PIPE - FLANGE NOZZLE	C 5. 80	MT					S				
ISI-68C MAINSTEAM 'B'	W-10 PIPE - FLANGE NOZZLE	C 5. 80	MT									
ISI-68C MAINSTEAM 'B'	W-9 LS D2U TEE - PIPE	C 5. 50	MT UT							S		
ISI-68C MAINSTEAM 'B'	W-8 LS 2D TEE - FLANGE NOZZLE	C 5. 80	MT									
ISI-68C MAINSTEAM 'B'	W-13 LS D 2U TEE - PIPE	C 5. 50	MT UT									
ISI-68C MAINSTEAM 'B'	W-14 LS 2U PIPE - FLANGE NOZZLE	C 5. 80	MT									
ISI-68C MAINSTEAM 'B'	W-15 PIPE - SWEEPOLET	C 5. 80	MT									
ISI-68C MAINSTEAM 'B'	W-17 PIPE - FLANGE NOZZLE	C 5. 80	MT									
ISI-68C MAINSTEAM 'B'	W-18 LSU PIPE - CAP	C 5. 50	MT UT					S				
ISI-68C MAINSTEAM 'B'	W-16 SWEEPOLET - CAP	C 5. 51	MT UT									
ISI-68B MAINSTEAM 'B'	W-1 LS UD PIPE - PIPE	C 5. 50	MT UT	I								
ISI-68B MAINSTEAM 'B'	W-2 LS 2D U PIPE - ELBOW	C 5. 50	MT UT	I								
ISI-68B MAINSTEAM 'B'	W-3 LS D 2U ELBOW - PIPE	C 5. 50	MT UT	I								
ISI-68B MAINSTEAM 'B'	W-4 LS 202D PIPE - ELBOW	C 5. 50	MT UT	I								
ISI-68B MAINSTEAM 'B'	W-5 LS D 2U ELBOW - PIPE	C 5. 50	MT UT	I								
ISI-68B MAINSTEAM 'B'	W-8 LS 2D U PIPE - REDUCING TEE	C 5. 50	MT UT	I								
ISI-68B MAINSTEAM 'B'	W-10 LS 2U RED. TEE - Valve	C 5. 50	MT UT	I								

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule									
					94	96	97	99	00	02				
ISI-68B MAINSTEAM 'B'	W-11 Valve - Valve	C 5. 51	MT UT											
ISI-68C MAINSTEAM 'B'	H-3 RESTRAINT	F-A	VT3			S								
ISI-68B MAINSTEAM 'B'	H-1 BEAR'G BRAK ASSY	F-A & C 3. 20	MT VT3	I				S						
ISI-68C MAINSTEAM 'B'	H-1 BEAR'G BRAK ASSY	F-A & C 3. 20	MT VT3	I				S						
ISI-68B MAINSTEAM 'B'	H-2 CONSTANT SUPPORT	F-A & C 3. 20	MT VT3	I		S								
ISI-68B MAINSTEAM 'B'	H-6 DBL SHUBBER - CLAMP	F-A	VT3									S		
ISI-68B MAINSTEAM 'B'	H-3 CONSTANT SUPPORT	F-A	VT3	I		S								
ISI-68C MAINSTEAM 'B'	H-2 SHUBBER	F-A	VT3	I						S				
ISI-68B MAINSTEAM 'B'	H-5 Support Bracket	F-A	VT3									S		
ISI-68B MAINSTEAM 'B'	W-12 LS D Valve - PIPE	HELB	MT UT									S		
ISI-68B MAINSTEAM 'B'	W-13 LS UD PIPE - PIPE	HELB	MT UT									S		
ISI-69 FEEDWATER LOOP 'B'	W-6 PENE. 7B - PIPE	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-7 LS U PIPE - ELBOW	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-8 LS D ELBOW - PIPE	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-10 PIPE - ELBOW	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-11 ELBOW - PIPE	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-12 PIPE - ELBOW	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-13 ELBOW - PIPE	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-14 PIPE - ELBOW	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-15 ELBOW - PIPE	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-16 PIPE - ELBOW	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-17 ELBOW - PIPE	C 5. 51	MT	I										
ISI-69 FEEDWATER LOOP 'B'	W-20 Valve - ELBOW	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-21 ELBOW - PIPE	C 5. 51	MT UT											
ISI-69 FEEDWATER LOOP 'B'	W-23 SWEEPolet - PIPE	C 5. 80	MT UT					S						
ISI-69 FEEDWATER LOOP 'B'	W-24 PIPE - REDUCER	C 5. 51	MT UT											
ISI-69 FEEDWATER LOOP 'B'	W-25 Reducer / Nozzle	C 5. 21	MT UT					S						
ISI-69 FEEDWATER LOOP 'B'	W-22 REDUCER - SWEEPolet	C 5. 51	MT UT											
ISI-69 FEEDWATER LOOP 'B'	W-18 PIPE - PIPE	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-19 PIPE - Valve	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	W-9 PIPE - PIPE	C 5. 51	MT UT	I										
ISI-69 FEEDWATER LOOP 'B'	H-9 SEISMIC RESTRAINT	F-A & C 3. 20	MT VT3	I				S						
ISI-69 FEEDWATER LOOP 'B'	H-2 SEISMIC RESTRAINT	F-A & C 3. 20	MT VT3	I				S						
ISI-69 FEEDWATER LOOP 'B'	H-8 ANCHOR ELBOW	F-A & C 3. 20	MT VT3	I						S				
ISI-69 FEEDWATER LOOP 'B'	H-7 ANCHOR ELBOW	F-A & C 3. 20	MT VT3	I		S								
ISI-69 FEEDWATER LOOP 'B'	H-5 ANCHOR ELBOW	F-A & C 3. 20	MT VT3	I						S				
ISI-69 FEEDWATER LOOP 'B'	H-4 ANCHOR ELBOW	F-A & C 3. 20	MT VT3	I		S								

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	95	97	99	00	02		
ISI-69 FEEDWATER LOOP 'B'	H-6 BEAR'G BRK ASSY	F-A	VT3	I						S		
ISI-69 FEEDWATER LOOP 'B'	W-1 Valve - PIPE	C 5. 51	MT UT									
ISI-69 FEEDWATER LOOP 'B'	W-3 PIPE - ELBOW	C 5. 51	MT UT			S						
ISI-69 FEEDWATER LOOP 'B'	W-5 PIPE - PENE. 7B	C 5. 51	MT UT									
ISI-69 FEEDWATER LOOP 'B'	W-4 ELBOW - PIPE	C 5. 51	MT UT									
ISI-69 FEEDWATER LOOP 'B'	W-2 PIPE - PIPE	C 5. 51	MT UT									
ISI-69 FEEDWATER LOOP 'B'	H-1 SEISMIC RESTRAINT	F-A & C 3. 20	MT VT3			S						
ISI-41 PRESSURIZER	H-1 BASE	F-A & B 8. 20	VT3							S		
ISI-53D RHR SUCTION 'B'	W-8 LSD PIPE - ELBOW	C 5. 10	PT UT			S						
ISI-53D RHR SUCTION 'B'	W-1 LS UD REDUCER - PIPE	C X. XX										
ISI-53D RHR SUCTION 'B'	W-2 LSD PIPE - ELBOW	C X. XX										
ISI-53D RHR SUCTION 'B'	W-3 LSU ELBOW - Valve	C X. XX										
ISI-53D RHR SUCTION 'B'	W-4 Valve - Valve	C X. XX										
ISI-53D RHR SUCTION 'B'	W-5 Valve - PIPE	C X. XX										
ISI-53D RHR SUCTION 'B'	W-6 LSD PIPE - ELBOW	C X. XX										
ISI-53D RHR SUCTION 'B'	W-7 LSU ELBOW - REDUCER	C X. XX										
ISI-53D RHR SUCTION 'B'	W-9 LS UD REDUCING TEE - PIPE	C 5. 10	PT UT									
ISI-53D RHR SUCTION 'B'	W-10\LSUD PIPE - TEE	C 5. 10	PT UT							S		
ISI-53D RHR SUCTION 'B'	W-11\LSUD TEE - PIPE	C 5. 10	PT UT									
ISI-53D RHR SUCTION 'B'	W-12\LSUD PIPE - ELBOW	C 5. 10	PT UT					S				
ISI-53D RHR SUCTION 'B'	W-15\LSUD ELBOW - PIPE	C 5. 10	PT UT					S				
ISI-53D RHR SUCTION 'B'	W-16\LSUD PIPE - FLANGE	C 5. 10	PT UT			S						
ISI-53D RHR SUCTION 'B'	W-17\LSUD FLANGE - PIPE	C 5. 10	PT UT									
ISI-53D RHR SUCTION 'B'	W-18\LSU PIPE - FLANGE	C 5. 10	PT UT									
ISI-53D RHR SUCTION 'B'	W-19\LSUD FLANGE - REDUCER	C 5. 10	PT UT					S				
ISI-53D RHR SUCTION 'B'	W-20\LSU REDUCER - PUMP 'B'	C X. XX										
ISI-53D RHR SUCTION 'B'	H-5 RHR PUMP 'B' BASE	F-A	VT3					S				
ISI-53D RHR SUCTION 'B'	H-2 DOUBLE SPRING BASE	F-A	VT3							S		
ISI-53D RHR SUCTION 'B'	H-1 ANCHOR	F-A	VT3			S						
ISI-53D RHR SUCTION 'B'	H-3 SNUBBER	F-A	VT3					S				
ISI-53D RHR SUCTION 'B'	H-4 RESTRAINT	F-A	VT3					S				
ISI-83B RHR PUMP 'B' DISCH	W-1 LS U REDUCE TEE - ELBOW	C X. XX										
ISI-83B RHR PUMP 'B' DISCH	W-2 ELBOW - PIPE	C X. XX										
ISI-83B RHR PUMP 'B' DISCH	W-3 PIPE - ELBOW	C X. XX										
ISI-83B RHR PUMP 'B' DISCH	W-4 ELBOW - ELBOW	C X. XX										
ISI-83B RHR PUMP 'B' DISCH	W-5 ELBOW - PIPE	C X. XX										
ISI-83B RHR PUMP 'B' DISCH	W-6 PIPE - TEE	C X. XX										

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
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1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule									
					94	96	97	99	00	02				
ISI-83B	W-7	C X. XX												
RHR PUMP 'B' DISCH	TEE - ELBOW													
ISI-83B	W-8	C X. XX												
RHR PUMP 'B' DISCH	ELBOW - PIPE													
ISI-83B	W-9	C X. XX												
RHR PUMP 'B' DISCH	PIPE - ELBOW													
ISI-83B	W-10	C X. XX												
RHR PUMP 'B' DISCH	ELBOW - PIPE													
ISI-83B	W-11	C X. XX												
RHR PUMP 'B' DISCH	PIPE - ELBOW													
ISI-83B	W-12	C X. XX												
RHR PUMP 'B' DISCH	ELBOW - PIPE													
ISI-83B	W-13	C X. XX												
RHR PUMP 'B' DISCH	PIPE - PIPE													
ISI-83B	W-14	C X. XX												
RHR PUMP 'B' DISCH	PIPE - ELBOW													
ISI-83B	W-15	C X. XX												
RHR PUMP 'B' DISCH	ELBOW - PIPE													
ISI-83B	W-16	C X. XX												
RHR PUMP 'B' DISCH	PIPE - ELBOW													
ISI-83B	W-17	C X. XX												
RHR PUMP 'B' DISCH	ELBOW - PIPE													
ISI-83B	W-18	C X. XX												
RHR PUMP 'B' DISCH	PIPE - Valve													
ISI-89B	W-15/LSD	C X. XX												
RHR PUMP 'B' DISCH	PEN 10 - ELBOW													
ISI-55C	W-1 LSD	C X. XX												
RHR PUMP 'B' DISCH	PUMP - REDUCER													
ISI-55C	W-2 LS D	C X. XX												
RHR PUMP 'B' DISCH	REDUCER - Valve													
ISI-55C	W-3	C X. XX												
RHR PUMP 'B' DISCH	Valve - PIPE													
ISI-55C	W-5	C X. XX												
RHR PUMP 'B' DISCH	PIPE - Valve													
ISI-55C	W-6 LS U	C X. XX												
RHR PUMP 'B' DISCH	Valve - PIPE													
ISI-55C	W-7 LSD	C X. XX												
RHR PUMP 'B' DISCH	PIPE - TEE													
ISI-55C	W-8 LSU	C X. XX												
RHR PUMP 'B' DISCH	TEE- PIPE													
ISI-55C	W-9 LSD	C X. XX												
RHR PUMP 'B' DISCH	PIPE - 45° ELBOW													
ISI-55C	W-10/LSD	C X. XX												
RHR PUMP 'B' DISCH	45° ELBOW - PIPE													
ISI-55C	W-11/LSD	C X. XX												
RHR PUMP 'B' DISCH	PIPE - ELBOW													
ISI-55C	W-13/LSD	C X. XX												
RHR PUMP 'B' DISCH	ELBOW - PIPE													
ISI-55C	W-15/LSU	C X. XX												
RHR PUMP 'B' DISCH	ELBOW - Valve													
ISI-55C	W-16/LSD	C X. XX												
RHR PUMP 'B' DISCH	TEE - Valve													
ISI-55C	W-17/LSU	C X. XX												
RHR PUMP 'B' DISCH	Valve - ELBOW													
ISI-55C	W-20/LSD	C X. XX												
RHR PUMP 'B' DISCH	ELBOW - PIPE													
ISI-55D	W-1	C 2. 31												
RHR PUMP 'B' DISCH	RHR HEAT EXCH - PIPE		PT											
ISI-55D	W-2 LS U	C X. XX												
RHR PUMP 'B' DISCH	PIPE - ELBOW													
ISI-55D	W-3 LSU	C X. XX												
RHR PUMP 'B' DISCH	ELBOW - PIPE													
ISI-55D	W-6/LSU	C X. XX												
RHR PUMP 'B' DISCH	ELBOW - PIPE													
ISI-55D	W-5 LSD	C X. XX												
RHR PUMP 'B' DISCH	PIPE - ELBOW													
ISI-55D	W-12	C X. XX												
RHR PUMP 'B' DISCH	Valve - PIPE													
ISI-55D	W-13/LSU	C X. XX												
RHR PUMP 'B' DISCH	PIPE - REDUCER 10XB													
ISI-55D	W-14/LSU	C X. XX												
RHR PUMP 'B' DISCH	REDUCER - TEE RED													
ISI-55D	W-15/LSU	C X. XX												
RHR PUMP 'B' DISCH	REDUCE TEE - PIPE													

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					94	96	97	99	00	02		
ISI-55D	W-16\LSU	C X. XX										
RHR PUMP "B" DISCH	PIPE - 45 ELBOW											
ISI-55D	W-17\LSUD	C X. XX										
RHR PUMP "B" DISCH	45 ELBOW - ELBOW											
ISI-55D	W-18\LSD	C X. XX										
RHR PUMP "B" DISCH	ELBOW - PIPE											
ISI-89B	W-1 LS U	C X. XX										
RHR PUMP "B" DISCH	REDUCE TEE - PIPE											
ISI-89B	W-2\LSD	C X. XX										
RHR PUMP "B" DISCH	PIPE - ELBOW											
ISI-89B	W-4	C X. XX										
RHR PUMP "B" DISCH	PIPE											
ISI-89B	W-5\LSD	C X. XX										
RHR PUMP "B" DISCH	CONTAINMENT - ELBOW											
ISI-89B	W-6 LSU	C X. XX										
RHR PUMP "B" DISCH	ELBOW - PIPE											
ISI-89B	W-8	C X. XX										
RHR PUMP "B" DISCH	FLANGE - PIPE											
ISI-89B	W-10\LSU	C X. XX										
RHR PUMP "B" DISCH	PIPE - 45 ELBOW											
ISI-89B	W-11\LSU	C X. XX										
RHR PUMP "B" DISCH	45 ELBOW - PIPE											
ISI-89B	W-12\LSU	C X. XX										
RHR PUMP "B" DISCH	PIPE - 45 ELBOW											
ISI-89B	W-13\LSD	C X. XX										
RHR PUMP "B" DISCH	45 ELBOW - PIPE											
ISI-89B	W-14	C 5. 51										
RHR PUMP "B" DISCH	PIPE - PEN 10		PT UT							S		
ISI-55D	W-19\LSU	C X. XX										
RHR PUMP "B" DISCH	PIPE - ELBOW											
ISI-55D	W-20\LSD	C X. XX										
RHR PUMP "B" DISCH	ELBOW - PIPE											
ISI-55D	W-21\LSD	C X. XX										
RHR PUMP "B" DISCH	PIPE - ELBOW											
ISI-55D	W-22\LSU	C X. XX										
RHR PUMP "B" DISCH	ELBOW - PIPE											
ISI-55D	W-23\LSD	C X. XX										
RHR PUMP "B" DISCH	PIPE - ELBOW											
ISI-55D	W-24\LSUD	C X. XX										
RHR PUMP "B" DISCH	ELBOW - 45 - ELBOW											
ISI-55C	W-12\LSUD	C X. XX										
RHR PUMP "B" DISCH	ELBOW - ELBOW											
ISI-55C	W-21	C X. XX										
RHR PUMP "B" DISCH	PIPE - PIPE											
ISI-55C	W-19\LSU	C X. XX										
RHR PUMP "B" DISCH	PIPE - ELBOW											
ISI-55C	W-18\LSD	C X. XX										
RHR PUMP "B" DISCH	ELBOW - PIPE											
ISI-55D	W-9 LS UD	C X. XX										
RHR PUMP "B" DISCH	ELBOW - REDUCING TEE											
ISI-55D	W-8 LS UD	C X. XX										
RHR PUMP "B" DISCH	ELBOW - ELBOW											
ISI-55D	W-7 LSU	C X. XX										
RHR PUMP "B" DISCH	PIPE - ELBOW											
ISI-89B	W-18	C 5. 51										
RHR PUMP "B" DISCH	TEE - Valve		PT UT							S		
ISI-55D	W-4	C X. XX										
RHR PUMP "B" DISCH	PIPE - PIPE											
ISI-55D	W-10\LSD	C X. XX										
RHR PUMP "B" DISCH	TEE - FLANGE											
ISI-55D	W-11	C X. XX										
RHR PUMP "B" DISCH	FLANGE - Valve											
ISI-89B	W-16\LSUD	C X. XX										
RHR PUMP "B" DISCH	45 ELBOW - 45 ELBOW											
ISI-89B	W-17\LSU	C X. XX										
RHR PUMP "B" DISCH	45 ELBOW - RED TEE											
ISI-89B	W-19	C X. XX										
RHR PUMP "B" DISCH	RED TEE - PIPE											
ISI-89B	W-20	C X. XX										
RHR PUMP "B" DISCH	PIPE - ELBOW											
ISI-89B	W-21	C X. XX										
RHR PUMP "B" DISCH	ELBOW - PIPE											
ISI-89B	W-22	C 5. 11										
RHR PUMP "B" DISCH	PIPE - Valve		PT UT			S						

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ISI-89B RHR PUMP 'B' DISCH	H-2 RUPTURE RESTRAINT	F-A	VT3			S						
ISI-89B RHR PUMP 'B' DISCH	H-1 SEISMIC RESTRAINT	F-A	VT3							S		
ISI-83A SI PUMP 'A' SUCTION	W-22 VALVE - ELBOW	C X. XX										
ISI-83A SI PUMP 'A' SUCTION	W-23 ELBOW - TEE	C X. XX										
ISI-83B SI PUMP 'B' SUCTION	W-19 VALVE - ELBOW	C X. XX										
ISI-83B SI PUMP 'B' SUCTION	W-20 ELBOW - PIPE	C X. XX										
ISI-83B SI PUMP 'B' SUCTION	W-22 TEE - PIPE	C X. XX										
ISI-83B SI PUMP 'B' SUCTION	W-24 PIPE - ELBOW	C X. XX										
ISI-83B SI PUMP 'B' SUCTION	W-25 ELBOW - FLANGE	C X. XX										
ISI-83B SI PUMP 'B' SUCTION	W-26 FLANGE - PIPE	C X. XX										
ISI-83B SI PUMP 'B' SUCTION	W-27 PIPE - FLANGE	C X. XX										
ISI-83A SI PUMP 'A' SUCTION	W-24 TEE - PIPE	C X. XX										
ISI-83A SI PUMP 'A' SUCTION	W-26 PIPE - ELBOW	C X. XX										
ISI-83A SI PUMP 'A' SUCTION	W-27 ELBOW - FLANGE	C X. XX										
ISI-83A SI PUMP 'A' SUCTION	W-28 FLANGE - PIPE	C X. XX										
ISI-83A SI PUMP 'A' SUCTION	W-29 PIPE - FLANGE	C X. XX										
ISI-83B SI PUMP 'B' SUCTION	W-23 PIPE - PIPE	C X. XX										
ISI-83A SI PUMP 'A' SUCTION	W-25 PIPE - PIPE	C X. XX										
ISI-83A SI PUMP 'A' SUCTION	W-30 FLG - S.I. PUMP #11	C X. XX										
ISI-83B SI PUMP 'B' SUCTION	W-28 FLG - S.I. PUMP #12	C X. XX										
ISI-89B RHR PUMP 'B' DISCH	W-24 ELBOW - PIPE	C 5. 11	PT UT			S						
ISI-89B RHR PUMP 'B' DISCH	W-25 PIPE - ELBOW	C 5. 11	PT UT							S		
ISI-89B RHR PUMP 'B' DISCH	W-26 ELBOW - PIPE	C 5. 11	PT UT									
ISI-89A RHR PUMP 'A' DISCH	W-21 VALVE - PIPE	C 5. 11	PT UT				S					
ISI-89A RHR PUMP 'A' DISCH	W-22 PIPE - ELBOW	C 5. 11	PT UT				S					
ISI-89A RHR PUMP 'A' DISCH	W-23 ELBOW - PIPE	C 5. 11	PT UT									
ISI-89A RHR PUMP 'A' DISCH	W-24 PIPE - ELBOW	C 5. 11	PT UT									
ISI-89A RHR PUMP 'A' DISCH	W-25 ELBOW - PIPE	C 5. 11	PT UT									
ISI-89A RHR PUMP 'A' DISCH	W-26 PIPE - ELBOW	C 5. 11	PT UT									
ISI-89A RHR PUMP 'A' DISCH	W-27 ELBOW - PIPE	C 5. 11	PT UT									
ISI-89A RHR PUMP 'A' DISCH	W-29 PIPE - ELBOW	C 5. 11	PT UT							S		
ISI-89A RHR PUMP 'A' DISCH	W-30 ELBOW - PIPE	C 5. 11	PT UT								S	
ISI-89B RHR PUMP 'B' DISCH	W-27 PIPE - 45° ELBOW	C 5. 11	PT UT									
ISI-89A RHR PUMP 'A' DISCH	W-32 ELBOW - PIPE	C 5. 11	PT UT									
ISI-89A RHR PUMP 'A' DISCH	W-31 PIPE - ELBOW	C 5. 11	PT UT									
ISI-89B RHR PUMP 'B' DISCH	W-28 45° ELBOW - PIPE	C 5. 11	PT UT								S	
ISI-89B RHR PUMP 'B' DISCH	W-29 PIPE - 55° ELBOW	C 5. 11	PT UT				S					

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ISI-89A	W-33	C 5. 11										
RHR PUMP "A" DISCH	PIPE - VALVE		PT UT			S						
ISI-89B	W-30	C 5. 11										
RHR PUMP "B" DISCH	55" ELBOW - PIPE		PT UT									
ISI-89B	W-31	C 5. 11										
RHR PUMP "B" DISCH	PIPE - VALVE		PT UT									
ISI-89A	W-28	C 5. 11										
RHR PUMP "A" DISCH	PIPE - PIPE		PT UT									
ISI-89B	W-23	C 5. 11										
RHR PUMP "B" DISCH	VALVE - ELBOW		PT UT									
ISI-89B	H-3	F-A										
RHR PUMP "B" DISCH	SLIDE		VT3			S						
ISI-89B	H-4	F-A										
RHR PUMP "B" DISCH	SWAY STRUT/CLAMP		VT3								S	
ISI-89B	H-5	F-A										
RHR PUMP "B" DISCH	SPRING/CLAMP		VT3								S	
ISI-89B	H-6	F-A										
RHR PUMP "B" DISCH	HYDR SNUBBER		VT3				S					
ISI-89B	H-7	F-A										
RHR PUMP "B" DISCH	RIGID HANGER/CLAMP		VT3				S					
ISI-89B	H-8	F-A										
RHR PUMP "B" DISCH	SWAY STRUT		VT3				S					
ISI-89A	H-5	F-A										
RHR PUMP "A" DISCH	RIGID HANGER/CLAMP		VT3			S						
ISI-89A	H-1	F-A										
RHR PUMP "A" DISCH	SEISMIC SUPPORT		VT3				S					
ISI-89A	H-2	F-A										
RHR PUMP "A" DISCH	SEISMIC SUPPORT		VT3								S	
ISI-89A	H-3	F-A										
RHR PUMP "A" DISCH	SEISMIC SUPPORT		VT3								S	
ISI-89A	H-4	F-A										
RHR PUMP "A" DISCH	HYDR SNUBBER/4 LUGS		VT3			S						
ISI-91B	W-1	C X. XX										
ALT CONT SP 12 SUCT	TEE - PIPE											
ISI-91B	W-2	C X. XX										
ALT CONT SP 12 SUCT	PIPE - ELBOW											
ISI-91B	W-3	C X. XX										
ALT CONT SP 12 SUCT	ELBOW - PIPE											
ISI-91B	W-4	C X. XX										
ALT CONT SP 12 SUCT	PIPE - ELBOW											
ISI-91B	W-5	C X. XX										
ALT CONT SP 12 SUCT	ELBOW - PIPE											
ISI-91A	W-5	C X. XX										
ALT CONT SP 11 SUCT	ELBOW - PIPE											
ISI-91A	W-8	C X. XX										
ALT CONT SP 11 SUCT	PIPE - ELBOW											
ISI-91A	W-9	C X. XX										
ALT CONT SP 11 SUCT	ELBOW - PIPE											
ISI-91A	W-11	C X. XX										
ALT CONT SP 11 SUCT	PIPE - ELBOW											
ISI-91A	W-12	C X. XX										
ALT CONT SP 11 SUCT	ELBOW - VALVE											
ISI-91B	W-6	C X. XX										
ALT CONT SP 12 SUCT	PIPE - ELBOW											
ISI-91B	W-10	C X. XX										
ALT CONT SP 12 SUCT	PIPE - ELBOW											
ISI-91B	W-7	C X. XX										
ALT CONT SP 12 SUCT	ELBOW - PIPE											
ISI-91B	W-11	C X. XX										
ALT CONT SP 12 SUCT	ELBOW - PIPE											
ISI-91B	W-13	C X. XX										
ALT CONT SP 12 SUCT	PIPE - ELBOW											
ISI-91B	W-14	C X. XX										
ALT CONT SP 12 SUCT	ELBOW - VALVE											
ISI-91A	W-6	C X. XX										
ALT CONT SP 11 SUCT	PIPE - FLANGE											
ISI-91A	W-7	C X. XX										
ALT CONT SP 11 SUCT	FLANGE - PIPE											
ISI-91B	W-9	C X. XX										
ALT CONT SP 12 SUCT	FLANGE - PIPE											
ISI-91A	W-1	C X. XX										
ALT CONT SP 11 SUCT	TEE - PIPE											
ISI-91B	W-8	C X. XX										
ALT CONT SP 12 SUCT	PIPE - FLANGE											

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ISI-91A	W-2	C X. XX										
ALT CONT SP 11 SUCT	PIPE - ELBOW											
ISI-91A	W-3	C X. XX										
ALT C'NT SP 11 SUCT	ELBOW - PIPE											
ISI-91A	W-4	C X. XX										
ALT CONT SP 11 SUCT	PIPE - ELBOW											
ISI-93A	H-1	F-A	VT3			S						
RHR HEAT EXCH 11	SUPPORT											
ISI-93A	H-2	F-A	VT3						S			
RHR HEAT EXCH 11	SUPPORT											
ISI-93A	W-1	C 1. 20	UT									
RHR HEAT EXCH 11	HEAD - SHELL											
ISI-93A	W-2	C 1. 10	UT						S			
RHR HEAT EXCH 11	SHELL - FLANGE											
X-H-106-129	FW-53	HELB	MT UT							S		
FEEDWATER	PUMP - PIPE											
X-H-106-129	FW-95	HELB	MT UT							S		
FEEDWATER	PIPE - TEE											
X-H-106-242	MS- 38 LSUD	HELB	MT UT							S		
MAIN STEAM 'A'	ELBOW - PIPE											
ISI- 9	V-1	B12. 50	VT3	C								
SIS HIGH HEAD 'A'	VALVE INT SURFACES											
ISI- 9	H-3	F-A	VT3				S					
SIS HIGH HEAD 'A'	HYDR SNUBBER/CLAMP											
ISI-11B	W-16	B 9. 40	PT									
SEAL INJ LOOP 'A'	RED TEE TO PIPE											
ISI-11B	W-15	B 9. 40	PT									
SEAL INJ LOOP 'A'	PIPE TO TEE											
ND-1-3-1	CWRH-1	F-A	VT3		S							
Cooling Water	S Hanger											
ND-1-3-1	CWRH-2	F-A	VT3				S					
Cooling Water	S Hanger											
ND-1-3-1	CWRH-3	F-A	VT3						S			
Cooling Water	Restraint											
ND-1-3-2	CWRH-16	F-A	VT3		S							
Cooling Water	S Hanger											
ND-1-3-2	CWRH-22	F-A	VT3				S					
Cooling Water	Lat Restraint											
ND-1-3-2	CWRH-24	F-A	VT3							S		
Cooling Water	S Hanger											
ND-1-3-2	CWRH-30	F-A	VT3		S							
Cooling Water	X, 2 Restraint											
ND-1-3-2	CWRH-33	F-A	VT3				S					
Cooling Water	S Hanger											
ND-1-3-3	CWRH-39	F-A	VT3						S			
Cooling Water	S Support											
ND-1-3-3	CWRH-40	F-A	VT3			S						
Cooling Water	Lat Restraint											
ND-1-3-3	CWRH-45	F-A	VT3					S				
Cooling Water	S Rigid											
ND-1-3-3	CWRH-51	F-A	VT3							S		
Cooling Water	S Support											
ND-1-3-3	CWRH-52	F-A	VT3		S							
Cooling Water	Lat Restraint											
ND-1-3-3	CWRH-55	F-A	VT3				S					
Cooling Water	S Support											
ND-1-3-4	CWRH-14	F-A	VT3					S				
Cooling Water	S Support											
ND-1-3-4	CWRH-18	F-A	VT3							S		
Cooling Water	S Support											
ND-1-3-4	CWRH-19	F-A	VT3		S							
Cooling Water	Lat Restraint											
ND-1-3-4	CWRH-26	F-A	VT3				S					
Cooling Water	Lat Restraint											
ND-1-3-4	CWRH-31	F-A	VT3						S			
Cooling Water	S Support											
ND-1-3-5	CWRH-35	F-A	VT3			S						
Cooling Water	S Spring											
ND-1-3-5	CWRH-36	F-A	VT3					S				
Cooling Water	Sway Strut											
ND-1-3-5	CWRH-43	F-A	VT3							S		
Cooling Water	S Spring											
ND-1-3-5	CWRH-47	F-A	VT3			S						
Cooling Water	S Support											

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ND-13-5	CWRH-48	F-A										
Cooling Water	Let Restraint		VT3			S						
ND-1-3-6	CWRH-8	F-A										
Cooling Water	D Spring		VT3							S		
ND-1-3-7	CWRH-4	F-A										
Cooling Water	S Spring		VT3		S							
ND-1-3-7	CWRH-5	F-A										
Cooling Water	S Spring		VT3				S					
ND-1-3-7	CWRH-7	F-A										
Cooling Water	Restraint		VT3			S						
ND-1-3-7	CWRH-6	F-A										
Cooling Water	Restraint		VT3						S			
ND-1-3-8	CWRH-17	F-A										
Cooling Water	S Spring		VT3				S					
ND-1-3-8	CWRH-23	F-A										
Cooling Water	Let Restraint		VT3							S		
ND-1-3-8	CWRH-25	F-A										
Cooling Water	S Spring		VT3		S							
ND-1-3-8	CWRH-28	F-A										
Cooling Water	Let Restraint		VT3				S					
ND-1-3-8	CWRH-29	F-A										
Cooling Water	AX Restraint		VT3						S			
ND-1-3-8	CWRH-34	F-A										
Cooling Water	S Spring		VT3			S						
ND-1-3-9	CWRH-41	F-A										
Cooling Water	S Support		VT3				S					
ND-1-3-9	CWRH-42	F-A										
Cooling Water	Let Restraint		VT3							S		
ND-1-3-9	CWRH-46	F-A										
Cooling Water	Sway Strut		VT3		S							
ND-1-3-9	CWRH-53	F-A										
Cooling Water	S Support		VT3				S					
ND-1-3-9	CWRH-54	F-A										
Cooling Water	Let Restraint		VT3						S			
ND-1-3-9	CWRH-57	F-A						S				
Cooling Water	Let Support		VT3									
ND-1-3-9	CWRH-56	F-A										
Cooling Water	S Support		VT3		S							
ND-1-3-10	CWRH-11	F-A										
Cooling Water	D Spring		VT3							S		
ND-1-3-11	CWRH-15	F-A										
Cooling Water	S Spring		VT3		S							
ND-1-3-11	CWRH-20	F-A										
Cooling Water	S Support		VT3				S					
ND-1-3-11	CWRH-21	F-A										
Cooling Water	Let Restraint		VT3						S			
ND-1-3-11	CWRH-32	F-A										
Cooling Water	S Spring		VT3			S						
ND-1-3-11	CWRH-27	F-A										
Cooling Water	Let Restraint		VT3					S				
ND-1-3-12	CWRH-37	F-A										
Cooling Water	Multi Support		VT3							S		
ND-1-3-12	CWRH-38	F-A										
Cooling Water	Let Restraint		VT3		S							
ND-1-3-12	CWRH-44	F-A										
Cooling Water	S Rigid		VT3				S					
ND-1-3-12	CWRH-49	F-A										
Cooling Water	S Support		VT3						S			
ND-1-3-12	CWRH-50	F-A										
Cooling Water	Let Restraint		VT3		S							
ND-1-3-13	CWRH-232	F-A										
Cooling Water	S Rigid		VT3						S			
ND-1-3-13	CWRH-233	F-A										
Cooling Water	S Support		VT3		S							
ND-1-3-13	CWRH-234	F-A										
Cooling Water	D Sway Strut		VT3				S					
ND-1-3-13	CWRH-277	F-A										
Cooling Water	Sway Strut		VT3						S			
ND-1-3-13	CWRH-342	F-A										
Cooling Water	S Support		VT3		S							
ND-1-3-13	CWRH-376	F-A										
Cooling Water	Restraint		VT3				S					
ND-1-3-13	CWRH-395	F-A										
Cooling Water	S Snubber		VT3					S				

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Reference: ASME Section XI
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ISO System	Item Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02	04	06
ND-1-3-13	CWH-380	F-A	VT3			S						
Cooling Water	S Snubber											
ND-1-3-14	CWH-135	F-A	VT3							S		
Cooling Water	S Rigid											
ND-1-3-14	CWH-136	F-A	VT3		S							
Cooling Water	S Rigid											
ND-1-3-14	CWH-347	F-A	VT3				S					
Cooling Water	Sway Strut											
ND-1-3-15	CWH-503	F-A	VT3						S			
Cooling Water	S Spring											
ND-1-3-15	CWH-504	F-A	VT3		S							
Cooling Water	Sway Strut											
ND-1-3-15	CWH-505	F-A	VT3				S					
Cooling Water	D Rigid											
ND-1-3-15	CWH-506	F-A	VT3							S		
Cooling Water	SL Restraint											
ND-1-3-15	CWH-513	F-A	VT3		S							
Cooling Water	Sway Strut											
ND-1-3-15	CWH-514	F-A	VT3				S					
Cooling Water	Sway Strut											
ND-1-3-15	CWH-515	F-A	VT3						S			
Cooling Water	Sway Strut											
ND-1-3-16	CWH-511	F-A	VT3		S							
Cooling Water	S Spring											
ND-1-3-16	CWH-525	F-A	VT3				S					
Cooling Water	Restraint											
ND-1-3-16	CWH-526	F-A	VT3							S		
Cooling Water	Restraint											
ND-1-3-17	CWH-274	F-A	VT3		S							
Cooling Water	Doc Weld											
ND-1-3-17	CWH-280	F-A	VT3				S					
Cooling Water	S Rigid											
ND-1-3-17	CWH-405	F-A	VT3						S			
Cooling Water	S Snubber											
ND-1-3-17	CWH-422	F-A	VT3		S							
Cooling Water	S Spring											
ND-1-3-17	CWH-429	F-A	VT3				S					
Cooling Water	S Snubber											
ND-1-3-18	CWH-219	F-A	VT3		S							
Cooling Water	S Rigid											
ND-1-3-18	CWH-220	F-A	VT3				S					
Cooling Water	D Rigid											
ND-1-3-18	CWH-364	F-A	VT3						S			
Cooling Water	Sway Strut											
ND-1-3-18	CWH-373	F-A	VT3		S							
Cooling Water	Sway Strut											
ND-1-3-18	CWH-396	F-A	VT3							S		
Cooling Water	S Support											
ND-1-3-18	CWH-433	F-A	VT3		S							
Cooling Water	S Snubber											
ND-1-3-18	CWH-434	F-A	VT3				S					
Cooling Water	S Snubber											
ND-1-3-18	CWH-435	F-A	VT3						S			
Cooling Water	S Springs											
ND-1-3-18	CWH-436	F-A	VT3		S							
Cooling Water	S Snubber											
ND-1-3-18	PSR-455	F-A	VT3				S					
Cooling Water	Hanger											
ND-1-3-18	PSR-456	F-A	VT3							S		
Cooling Water	Hanger											
ND-1-3-20	CWH-137	F-A	VT3				S					
Cooling Water	S Rigid											
ND-1-3-20	CWH-138	F-A	VT3						S			
Cooling Water	S Rigid											
ND-1-3-20	CWH-139	F-A	VT3		S							
Cooling Water	S Rigid											
ND-1-3-20	CWH-140	F-A	VT3				S					
Cooling Water	S Rigid											
ND-1-3-20	CWH-142	F-A	VT3							S		
Cooling Water	S Rigid											
ND-1-3-20	CWH-143	F-A	VT3		S							
Cooling Water	S Rigid											
ND-1-3-20	CWH-144	F-A	VT3				S					
Cooling Water	Anchor Restraint											

ISO System	Item Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ND-1-3-20	CWH-340	F-A	VT3			S						
Cooling Water	S Rigid											
ND-1-3-20	CWH-336	F-A	VT3							S		
Cooling Water	Sway Strut											
ND-1-3-20	CWH-343	F-A	VT3					S				
Cooling Water	S Rigid											
ND-1-3-20	CWH-344	F-A	VT3								S	
Cooling Water	S Rigid											
ND-1-3-20	CWH-381	F-A	VT3		S							
Cooling Water	Sway Strut											
ND-1-3-20	CWH-382	F-A	VT3				S					
Cooling Water	Sway Strut											
ND-1-3-20	CWH-401	F-A	VT3							S		
Cooling Water	Restraint											
ND-1-3-21	CWH-262	F-A	VT3			S						
Cooling Tower	S Rigid											
ND-1-3-21	CWH-263	F-A	VT3					S				
Cooling Water	S Rigid											
ND-1-3-21	CWH-264	F-A	VT3								S	
Cooling Water	S Support											
ND-1-3-21	CWH-265	F-A	VT3		S							
Cooling Water	S Support											
ND-1-3-21	CWH-372	F-A	VT3				S					
Cooling Water	Sway Strut											
ND-1-3-21	CWH-266	F-A	VT3							S		
Cooling Water	S Rigid											
ND-1-3-21	CWH-267	F-A	VT3			S						
Cooling Water	S Rigid											
ND-1-3-21	CWH-268	F-A	VT3								S	
Cooling Water	S Rigid											
ND-1-3-21	CWH-385	F-A	VT3		S							
Cooling Water	S Snubber											
ND-1-3-21	CWH-269	F-A	VT3				S					
Cooling Water	S Rigid											
ND-1-3-21	CWH-394	F-A	VT3			S						
Cooling Water	S Snubber											
ND-1-3-23	CWH-209	F-A	VT3					S				
Cooling Water	S Slide Base											
ND-1-3-23	CWH-210	F-A	VT3								S	
Cooling Water	S Slide Base											
ND-1-3-23	CWH-335	F-A	VT3		S							
Cooling Water	S Rigid											
ND-1-3-23	CWH-341	F-A	VT3				S					
Cooling Water	Sway Strut											
ND-1-3-24	CWH-104	F-A	VT3							S		
Cooling Water	D Rigid											
ND-1-3-24	CWH-315	F-A	VT3			S						
Cooling Water	Sway Strut											
ND-1-3-24	CWH-103	F-A	VT3				S					
Cooling Water	D Rigid											
ND-1-3-24	CWH-102	F-A	VT3								S	
Cooling Water	D Rigid											
ND-1-3-24	CWH-102A	F-A	VT3		S							
Cooling Water	D Rigid											
ND-1-3-24	CWH-314	F-A	VT3				S					
Cooling Water	Sway Strut											
ND-1-3-24	CWH-313	F-A	VT3							S		
Cooling Water	Sway Strut											
ND-1-3-24	CWH-100	F-A	VT3			S						
Cooling Water	D Rigid											
ND-1-3-24	CWH-101	F-A	VT3					S				
Cooling Water	D Rigid											
ND-1-3-24	CWH-99	F-A	VT3								S	
Cooling Water	Anchor											
ND-1-3-24	CWH-98A	F-A	VT3				S					
Cooling Water	D Rigid											
ND-1-3-24	CWH-328	F-A	VT3							S		
Cooling Water	D Spring											
ND-1-3-24	CWH-98	F-A	VT3			S						
Cooling Water	D Rigid											
ND-1-3-24	CWH-329	F-A	VT3					S				
Cooling Water	D Spring											
ND-1-3-24	CWH-312	F-A	VT3								S	
Cooling Water	Sway Strut											

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					94	96	97	99	00	02		
ND-1-3-24	CWH-97	F-A										
Cooling Water	D-Rigid		VT3		S							
ND-1-3-24	CWH-96	F-A										
Cooling Water	D Spring		VT3				S					
ND-1-3-24	CWH-311	F-A										
Cooling Water	Sway Strut		VT3						S			
ND-1-3-24	CWH-310	F-A										
Cooling Water	Sway Strut		VT3		S							
ND-1-3-25	CWH-145	F-A										
Cooling Water	S Rigid		VT3				S					
ND-1-3-25	CWH-146	F-A										
Cooling Water	S Rigid		VT3							S		
ND-1-3-25	CWH-147	F-A										
Cooling Water	S Rigid		VT3		S							
ND-1-3-25	CWH-148	F-A										
Cooling Water	S Rigid		VT3				S					
ND-1-3-25	CWH-149	F-A										
Cooling Water	S Rigid		VT3							S		
ND-1-3-25	CWH-150	F-A										
Cooling Water	Sway Strut		VT3		S							
ISI-17	V-1	B12. 50		A								
12" ACCUMULATOR DSCH	VALVE INT SURFACES		VT3									
ISI-17	V-2	B12. 50		A								
12" ACCUMULATOR DSCH	VALVE INT SURFACES		VT3									
ISI-18	V-1	B12. 50		D								
10 RHR RETURN LOOP B	VALVE INT SURFACES		VT3									
ISI-19A	V-1	B12. 50		B								
8" RHR TAKE OFF 'B'	VALVE INT SURFACES		VT3									
ND-1-3-25	CWH-151	F-A						S				
Cooling Water	S-Rigid		VT3									
ND-1-3-25	CWH-152	F-A										
Cooling Water	S-Rigid		VT3							S		
ND-1-3-25	CWH-153	F-A			S							
Cooling Water	S Rigid		VT3									
ND-1-3-25	CWH-154	F-A						S				
Cooling Water	S Rigid		VT3									
ND-1-3-25	CWH-155	F-A								S		
Cooling Water	S Rigid		VT3									
ND-1-3-25	CWH-348	F-A										
Cooling Water	Sway Strut		VT3				S					
ND-1-3-25	CWH-349	F-A										
Cooling Water	Sway Strut		VT3							S		
ND-1-3-25	CWH-358	F-A										
Cooling Water	Restraint		VT3		S							
ND-1-3-25	CWH-330	F-A						S				
Cooling Water	Sway Strut		VT3									
ND-1-3-25	CWH-357	F-A								S		
Cooling Water	S Strut		VT3									
ND-1-3-25	CWH-379	F-A										
Cooling Water	Sway Strut		VT3		S							
ND-1-3-30	CWH-281	F-A										
Cooling Water	S Rigid		VT3		S							
ND-1-3-30	CWH-365	F-A										
Cooling Water	Sway Strut		VT3				S					
ND-1-3-30	CWH-282	F-A								S		
Cooling Water	S Rigid		VT3									
ND-1-3-30	CWH-257	F-A						S				
Cooling Water	Anchor		VT3									
ND-1-3-30	CWH-400	F-A										
Cooling Water	Sway Strut		VT3							S		
ND-1-3-30	CWH-284	F-A										
Cooling Water	S Rigid		VT3		S							
ND-1-3-30	CWH-285	F-A						S				
Cooling Water	S Support		VT3									
ND-1-3-30	CWH-286	F-A										
Cooling Water	S Support		VT3							S		
ND-1-3-46	CWH-258	F-A										
Cooling Water	S Rigid		VT3		S							
ND-1-3-46	CWH-259	F-A										
Cooling Water	S Rigid		VT3				S					
ND-1-3-46	CWH-304	F-A										
Cooling Water	Sway Strut		VT3							S		
ND-1-3-46	CWH-260	F-A										
Cooling Water	S Rigid		VT3		S							

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					94	96	97	99	00	02		
ND-1-3-46	CWH-261	F-A	VT3				S					
Cooling Water	Multi Support											
ND-1-3-46	CWH-324	F-A	VT3						S			
Cooling Water	Multi Support											
ND-1-3-47	CWH-243	F-A	VT3			S						
Cooling Water	S Support											
ND-1-3-47	CWH-254	F-A	VT3					S				
Cooling Water	S Support											
ND-1-3-47	CWH-218	F-A	VT3		S							
Cooling Water	S Spring											
ND-1-3-47	CWH-255	F-A	VT3							S		
Cooling Water	S Rigid											
ND-1-3-47	CWH-256	F-A	VT3				S					
Cooling Water	S Rigid											
ND-1-3-47	CWH-404	F-A	VT3						S			
Cooling Water	D Rigid											
ND-1-3-47	CWH-257	F-A	VT3			S						
Cooling Water	Anchor											
ND-1-3-48	CWH-215	F-A	VT3							S		
Cooling Water	S Rigid											
ND-1-3-48	CWH-216	F-A	VT3		S							
Cooling Water	S Rigid											
ND-1-3-48	CWH-216	F-A	VT3				S					
Cooling Water	Anchor											
ND-1-3-48	CWH-217	F-A	VT3					S				
Cooling Water	S Rigid											
ND-1-3-49	CWH-244	F-A	VT3						S			
Cooling Water	Support/Restraint											
ND-1-3-49	CWH-245	F-A	VT3			S						
Cooling Water	S Rigid											
ND-1-3-50	CWH-246	F-A	VT3					S				
Cooling Water	D Support											
ND-1-3-50	CWH-247	F-A	VT3							S		
Cooling Water	D Rigid											
ND-1-3-50	CWH-248	F-A	VT3		S							
Cooling Water	D Rigid											
ND-1-3-50	CWH-378	F-A	VT3				S					
Cooling Water	Sway Strut											
ND-1-3-52	CWH-251	F-A	VT3					S				
Cooling Water	Restraint/Restraint											
ND-1-3-52	CWH-252	F-A	VT3						S			
Cooling Water	Restraint/Restraint											
ND-1-3-52	CWH-123	F-A	VT3			S						
Cooling Water	D Rigid											
ND-1-3-52	CWH-424	F-A	VT3				S					
Cooling Water	Sway Strut											
ND-1-3-52	CWH-425	F-A	VT3							S		
Cooling Water	Restraint											
ND-1-3-64	CWH-173	F-A	VT3		S							
Cooling Water	S Rigid											
ND-1-3-64	CWH-174	F-A	VT3				S					
Cooling Water	S Rigid											
ND-1-3-64	CWH-375	F-A	VT3				S					
Cooling Water	Sway Strut											
ND-1-3-64	CWH-175	F-A	VT3			S						
Cooling Water	S Rigid											
ND-1-3-64	CWH-176	F-A	VT3					S				
Cooling Water	S Rigid											
ND-1-3-64	CWH-177	F-A	VT3							S		
Cooling Water	S Rigid											
ND-1-3-64	CWH-178	F-A	VT3		S							
Cooling Water	SI Base Anchor											
ND-1-3-64	CWH-179	F-A	VT3				S					
Cooling Water	S Support											
ND-1-3-64	CWH-180	F-A	VT3			S						
Cooling Water	S Support											
ND-1-3-64	CWH-181	F-A	VT3					S				
Cooling Water	S Support											
ND-1-3-64	CWH-182	F-A	VT3							S		
Cooling Water	S Rigid											
ND-1-3-64	CWH-183	F-A	VT3		S							
Cooling Water	Anchor											
ND-1-3-64	CWH-184	F-A	VT3				S					
Cooling Water	S Rigid											

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					94	96	97	99	00	02				
ND-1-3-64	CWH-339	F-A	VT3											
Cooling Water	Restraint													
ND-1-3-64	CWH-185	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-68	CWH-186	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-64	CWH-187	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-64	CWH-367	F-A	VT3											
Cooling Water	Restraint													
ND-1-3-64	CWH-188	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-64	CWH-332	F-A	VT3											
Cooling Water	Restraint													
ND-1-3-64	CWH-189	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-65	CWH-190	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-65	CWH-192	F-A	VT3											
Cooling Water	D Rigid													
ND-1-3-65	CWH-383	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-65	CWH-193	F-A	VT3											
Cooling Water	D Rigid													
ND-1-3-65	CWH-236	F-A	VT3											
Cooling Water	D Support													
ND-1-3-65	CWH-387	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-65	CWH-237	F-A	VT3											
Cooling Water	D Rigid													
ND-1-3-65	CWH-399	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-65	CWH-238	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-68	CWH-207	F-A	VT3											
Cooling Water	S Support													
ND-1-3-68	CWH-206	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-68	CWH-205	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-68	CWH-384	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-68	CWH-362	F-A	VT3											
Cooling Water	Anchor													
ND-1-3-68	CWH-201	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-68	CWH-200	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-68	CWH-199	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-68	CWH-366	F-A	VT3											
Cooling Water	Restraint													
ND-1-3-90	CWH-198	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-90	CWH-197	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-90	CWH-195	F-A	VT3											
Cooling Water	S Support													
ND-1-3-90	CWH-403	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-90	CWH-194	F-A	VT3											
Cooling Water	S Support													
ND-1-3-90	CWH-242	F-A	VT3											
Cooling Water	S Support													
ND-1-3-90	CWH-241	F-A	VT3											
Cooling Water	S Support													
ND-1-3-90	CWH-402	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-90	CWH-240	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-91	CWH-161	F-A	VT3											
Cooling Water	S Rigid													
ISI-14	H-1	F-A & BID. 20	VT3											
RC PUMP 11	TIE BACK # 1		VT3											

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					94	96	97	99	00	02		
ND-1-3-91 Cooling Water	CWH-361 Sway Strut	F-A	VT3							S		
ND-1-3-91 Cooling Water	CWH-160 S Rigid	F-A	VT3			S						
ND-1-3-91 Cooling Water	CWH-159 S Rigid	F-A	VT3					S				
ND-1-3-91 Cooling Water	CWH-157 S Rigid	F-A	VT3							S		
ND-1-3-91 Cooling Water	CWH-158 S Rigid	F-A	VT3				S					
ND-1-3-91 Cooling Water	CWH-360 Sway Strut	F-A	VT3						S			
ISI-19B 8" RHR TAKE OFF 'B'	V-1 VALVE INT SURFACES	B12. 50	VT3	B								
ISI-14 RC PUMP 11	H-1A TIE BACK BOLT # 1	F-A	VT3				S					
ISI-14 RC PUMP 11	H-2 TIE BACK # 2	F-A & B10. 20	VT3					S				
ISI-14 RC PUMP 11	H-2A TIE BACK BOLT # 2	F-A	VT3					S				
ISI-14 RC PUMP 11	H-3 TIE BACK # 3	F-A & B10. 20	VT3							S		
ISI-14 RC PUMP 11	H-3A TIE BACK BOLT # 3	F-A	VT3							S		
ISI-24 6" SIS HIGH HEAD 'B'	V-1 VALVE INT SURFACES	B12. 50	VT3	C								
ISI-14 RC PUMP 11	H-1B TIE BACK PIN # 1	F-A	VT3				S					
ISI-14 RC PUMP 11	H-2B TIE BACK PIN # 2	F-A	VT3					S				
ISI-14 RC PUMP 11	H-3B TIE BACK PIN # 3	F-A	VT3							S		
ISI-14 RC PUMP 11	H-4 PAD 1	F-A	VT3				S					
ISI-14 RC PUMP 11	H-5 PAD 2	F-A	VT3					S				
ISI-14 RC PUMP 11	H-6 PAD 3	F-A	VT3							S		
ISI-34 RC PUMP 12	H-1A TIE BACK BOLT # 1	F-A	VT3			S						
ISI-34 RC PUMP 12	H-1 TIE BACK # 1	F-A & B10. 20	VT3			S						
ISI-34 RC PUMP 12	H-1B TIE BACK PIN # 1	F-A	VT3			S						
ND-1-3-92 Cooling Water	CWH-169 S Rigid	F-A	VT3			S						
ISI-34 RC PUMP 12	H-2 TIE BACK # 2	F-A & B10. 20	VT3						S			
ND-1-3-92 Cooling Water	CWH-374 S Snubber	F-A	VT3					S				
ND-1-3-92 Cooling Water	CWH-369 Sway Strut	F-A	VT3							S		
ND-1-3-92 Cooling Water	CWH-168 S Rigid	F-A	VT3		S							
ISI-34 RC PUMP 12	H-3A TIE BACK BOLT # 3	F-A	VT3				S					
ND-1-3-92 Cooling Water	CWH-167 S Rigid	F-A	VT3				S					
ISI-34 RC PUMP 12	H-3B TIE BACK PIN # 3	F-A	VT3				S					
ND-1-3-92 Cooling Water	CWH-166 S Rigid	F-A	VT3						S			
ISI-34 RC PUMP 12	H-4 PAD 1	F-A	VT3			S						
ND-1-3-92 Cooling Water	CWH-371 Sway Strut	F-A	VT3			S						
ISI-34 RC PUMP 12	H-5 PAD 2	F-A	VT3						S			
ISI-34 RC PUMP 12	H-6 PAD 3	F-A	VT3				S					
ND-1-3-92 Cooling Water	CWH-165 S Rigid	F-A	VT3				S					
ISI-14 RC PUMP 11	S-4 LOWER SEAL HOUSING	B 2. 60	VT1							S		

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule									
					94	96	97	99	00	02				
ND-1-3-92	CWH-370	F-A	VT3											
Cooling Water	Sway Strut													
ISI-14	PUMP #11	TS 4.2-1	PT UT											
RC PUMP 11 FLYWHEEL	PERIPHERY													
ND-1-3-92	CWH-164	F-A	VT3											
Cooling Water	S Rigid													
ISI-14	PUMP #11	TS 4.2-1	PT UT											
RC PUMP 11 FLYWHEEL	BODY													
ND-1-3-92	CWH-163	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-92	CWH-406	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-92	CWH-162	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-92	CWH-417	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-93	CWH-418	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-93	CWH-419	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-93	CWH-420	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-93	CWH-421	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-93	CWH-170	F-A	VT3											
Cooling Water	Restraint													
ND-1-3-94	CWH-409	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-94	CWH-410	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-94	CWH-411	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-94	CWH-412	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-94	CWH-413	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-94	CWH-414	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-94	CWH-415	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-94	CWH-416	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-95	CWH-407	F-A	VT3											
Cooling Water	Sway Strut													
ND-1-3-95	CWH-408	F-A	VT3											
Cooling Water	S Rigid													
ND-1-3-166	CAH-11	F-A	VT3											
Caustic Add	SI Restraint													
ND-1-3-170	SVH-49	F-A	VT3											
Misc Relief Valve	D Strut													
ND-1-3-178	SVH-50	F-A	VT3											
Misc Relief Valve	D Rigid													
ND-1-3-178	SVH-53	F-A	VT3											
Misc Relief Valve	D Strut													
ND-1-3-178	SVH-54	F-A	VT3											
Misc Relief Valve	D Strut													
ND-1-3-178	SVH-55	F-A	VT3											
Misc Relief Valve	Anchor													
ND-1-3-178	SVH-56	F-A	VT3											
Misc Relief Valve	S Spring													
ND-1-3-216	CCH-47	F-A	VT3											
Component Cooling	Doc Weld													
ND-1-3-216	CCH-378	F-A	VT3											
Component Cooling	S Snubber													
ND-1-3-216	CCH-50	F-A	VT3											
Component Cooling	S Spring													
ND-1-3-217	CCH-25	F-A	VT3											
Component Cooling	S Spring													
ND-1-3-217	CCH-26	F-A	VT3											
Component Cooling	S Spring													
ND-1-3-217	CCH-326	F-A	VT3											
Component Cooling	S Support													
ND-1-3-217	CCH-28	F-A	VT3											
Component Cooling	S Rigid													

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
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Reference: ASME Section XI
1989, Edition

ISO System	Item Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ND-1-3-217	Component Cooling	CCH-29	VT3		S							
ND-1-3-218	Component Cooling	CCH-31	VT3						S			
ND-1-3-218	Component Cooling	S Slide Base	VT3					S				
ND-1-3-218	Component Cooling	CCH-33	VT3					S				
ND-1-3-218	Component Cooling	S Rigid	VT3							S		
ND-1-3-218	Component Cooling	CCH-34	VT3								S	
ND-1-3-218	Component Cooling	S Rigid	VT3		S							
ND-1-3-218	Component Cooling	CCH-36	VT3				S					
ND-1-3-218	Component Cooling	CCH-72	VT3						S			
ND-1-3-218	Component Cooling	CCH-73	VT3			S						
ND-1-3-218	Component Cooling	S Rigid	VT3									
ND-1-3-218	Component Cooling	CCH-279	VT3					S				
ND-1-3-218	Component Cooling	Sway Strut	VT3									
ND-1-3-218	Component Cooling	CCH-281	VT3								S	
ND-1-3-218	Component Cooling	Restraint	VT3									
ND-1-3-218	Component Cooling	CCH-301	VT3		S							
ND-1-3-218	Component Cooling	S Support	VT3									
ND-1-3-217	Component Cooling	CCH-27	VT3			S						
ND-1-3-218	Component Cooling	CCH-30	VT3					S				
ND-1-3-218	Component Cooling	S Slide Base	VT3									
ND-1-3-218	Component Cooling	CCH-32	VT3			S						
ND-1-3-218	Component Cooling	S Slide Base	VT3									
ND-1-3-218	Component Cooling	CCH-36	VT3		S							
ND-1-3-219	Component Cooling	CCH-41	VT3					S				
ND-1-3-219	Component Cooling	S Rigid	VT3									
ND-1-3-219	Component Cooling	CCH-42	VT3							S		
ND-1-3-219	Component Cooling	S Rigid	VT3			S						
ND-1-3-219	Component Cooling	CCH-44	VT3					S				
ND-1-3-219	Component Cooling	S Rigid	VT3								S	
ND-1-3-219	Component Cooling	CCH-45	VT3									
ND-1-3-219	Component Cooling	S Rigid	VT3									
ND-1-3-219	Component Cooling	CCH-46	VT3		S							
ND-1-3-219	Component Cooling	CCH-282	VT3					S				
ND-1-3-219	Component Cooling	CCH-374	VT3							S		
ND-1-3-220	Component Cooling	CCH-181	VT3			S						
ND-1-3-220	Component Cooling	Anchor	VT3									
ND-1-3-220	Component Cooling	CCH-182	VT3					S				
ND-1-3-220	Component Cooling	S Slide Base	VT3									
ND-1-3-220	Component Cooling	CCH-397	VT3								S	
ND-1-3-220	Component Cooling	S Snubber	VT3									
ND-1-3-220	Component Cooling	CCH-398	VT3		S							
ND-1-3-220	Component Cooling	D Snubber	VT3									
ND-1-3-220	Component Cooling	CCH-399	VT3									
ND-1-3-221	Component Cooling	S Spring	VT3				S					
ND-1-3-221	Component Cooling	CCH-184	VT3							S		
ND-1-3-221	Component Cooling	S Rigid	VT3									
ND-1-3-221	Component Cooling	CCH-185	VT3			S						
ND-1-3-221	Component Cooling	S Rigid	VT3					S				
ND-1-3-221	Component Cooling	CCH-187	VT3								S	
ND-1-3-221	Component Cooling	S Rigid	VT3									
ND-1-3-221	Component Cooling	CCH-188	VT3		S							
ND-1-3-221	Component Cooling	S Rigid	VT3									
ND-1-3-221	Component Cooling	CCH-189	VT3				S					
ND-1-3-221	Component Cooling	Anchor	VT3									
ND-1-3-221	Component Cooling	CCH-190	VT3							S		
ND-1-3-221	Component Cooling	S Rigid	VT3									
ND-1-3-221	Component Cooling	CCH-191	VT3			S						
ND-1-3-221	Component Cooling	Warp	VT3									
ND-1-3-221	Component Cooling	CCH-277	VT3					S				
ND-1-3-221	Component Cooling	Sway Strut	VT3									

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section II
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule									
					94	96	___	97	99	___	00	02	___	
ND-1-3-222	CCR-197	F-A												
Component Cooling	S Rigid		VT3									S		
ND-1-3-222	CCR-198	F-A												
Component Cooling	S Rigid		VT3		S									
ND-1-3-222	CCR-199	F-A												
Component Cooling	S Rigid		VT3					S						
ND-1-3-222	CCR-200	F-A												
Component Cooling	S Rigid		VT3								S			
ND-1-3-222	CCR-201	F-A												
Component Cooling	S Rigid		VT3		S									
ND-1-3-222	CCR-202	F-A												
Component Cooling	S Base		VT3					S						
ND-1-3-222	CCR-203	F-A												
Component Cooling	Hanger		VT3									S		
ND-1-3-222	CCR-294	F-A												
Component Cooling	Sway Strut		VT3		S									
ND-1-3-222	CCR-295	F-A												
Component Cooling	S Support		VT3					S						
ND-1-3-222	CCR-296	F-A												
Component Cooling	Restraint		VT3									S		
ND-1-3-222	CCR-297	F-A												
Component Cooling	Restraint		VT3		S									
ND-1-3-223	CCR-194	F-A												
Component Cooling	Anchor		VT3					S						
ND-1-3-223	CCR-298	F-A												
Component Cooling	Sliding Base		VT3									S		
ND-1-3-223	CCR-380	F-A												
Component Cooling	S Snubber		VT3		S									
ND-1-3-223	CCR-381	F-A												
Component Cooling	D Snubber		VT3					S						
ND-1-3-223	CCR-382	F-A												
Component Cooling	S Spring		VT3									S		
ND-1-3-224	CCR-17	F-A												
Component Cooling	D Spring		VT3		S									
ND-1-3-224	CCR-18	F-A												
Component Cooling	Doc Weld		VT3					S						
ND-1-3-224	CCR-19	F-A												
Component cooling	S Rigid		VT3									S		
ND-1-3-224	CCR-20	F-A												
Component Cooling	Anchor		VT3		S									
ND-1-3-224	CCR-21	F-A												
Component Cooling	Hanger		VT3					S						
ND-1-3-224	CCR-179	F-A												
Component Cooling	S Rigid		VT3									S		
ND-1-3-224	CCR-375	F-A												
Component Cooling	S Spring		VT3		S									
ND-1-3-224	CCR-376	F-A												
Component Cooling	D Snubber		VT3					S						
ND-1-3-224	CCR-377	F-A												
Component Cooling	S Snubber		VT3									S		
ND-1-3-225	CCR-22	F-A												
Component Cooling	S Rigid		VT3									S		
ND-1-3-225	CCR-23	F-A												
Component Cooling	S Spring		VT3		S									
ND-1-3-225	CCR-170	F-A												
Component Cooling	S Rigid		VT3					S						
ND-1-3-225	CCR-173	F-A												
Component Cooling	S Support		VT3									S		
ND-1-3-225	CCR-305	F-A												
Component Cooling	Anchor		VT3		S									
ND-1-3-227	CCR-65	F-A												
Component Cooling	Anchor		VT3					S						
ND-1-3-227	CCR-67	F-A												
Component Cooling	S Rigid		VT3									S		
ISI-53A	N-1	F-A												
RHR SUCTION PUMP	ANCHOR SUPPORT		VT3		S									
ND-1-3-227	CCR-68	F-A												
Component Cooling	S Rigid		VT3		S									
ND-1-3-227	CCR-69	F-A												
Component Cooling	S Rigid		VT3					S						
ND-1-3-227	CCR-70	F-A												
Component Cooling	S Rigid		VT3									S		
ND-1-3-227	CCR-280	F-A												
Component Cooling	Sway Strut		VT3		S									

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ND-1-3-228 Component Cooling	CCH-55 Multi Support	F-A	VT3					S				
ND-1-3-228 Component Cooling	CCH-54 D Rigid	F-A	VT3							S		
ND-1-3-228 Component Cooling	CCH-55 S Rigid	F-A	VT3		S							
ND-1-3-228 Component Cooling	CCH-56 S Rigid	F-A	VT3				S					
ND-1-3-228 Component Cooling	CCH-57 S Rigid	F-A	VT3						S			
ND-1-3-228 Component Cooling	CCH-58 S Rigid	F-A	VT3		S							
ND-1-3-228 Component Cooling	CCH-59 S Rigid	F-A	VT3				S					
ND-1-3-228 Component Cooling	CCH-62 Anchor	F-A	VT3							S		
ND-1-3-228 Component Cooling	CCH-291 Sway Strut	F-A	VT3				S					
ND-1-3-228 Component Cooling	CCH-292 Sway Strut	F-A	VT3						S			
ND-1-3-228 Component Cooling	CCH-293 Sliding Base	F-A	VT3		S							
ND-1-3-244 Cooling Water	CWH-121 Hanger	F-A	VT3		S							
ND-1-3-244 Cooling Water	CWH-120 S Rigid	F-A	VT3				S					
ND-1-3-244 Cooling Water	CWH-119 S Rigid	F-A	VT3						S			
ND-1-3-244 Cooling Water	CWH-322 Sway Strut	F-A	VT3				S					
ND-1-3-248 Aux Feedwater	AFWH-49 Anchor	F-A	VT3		S							
ND-1-3-248 Aux Feedwater	AFWH-50 S Rigid	F-A	VT3				S					
ND-1-3-248 Aux Feedwater	AFWH-51 S Rigid	F-A	VT3							S		
ND-1-3-248 Aux Feedwater	AFWH-52 S Support	F-A	VT3		S							
ND-1-3-248 Aux Feedwater	AFWH-53 S Rigid	F-A	VT3				S					
ND-1-3-248 Aux Feedwater	AFWH-54 S Rigid	F-A	VT3						S			
ND-1-3-248 Aux Feedwater	AFWH-55 S Rigid	F-A	VT3		S							
ND-1-3-248 Aux Feedwater	AFWH-85 Restraint	F-A	VT3				S					
ND-1-3-248 Aux Feedwater	AFWH-63 Slide Base	F-A	VT3							S		
ND-1-3-248 Aux Feedwater	AFWH-58 S Rigid	F-A	VT3		S							
ND-1-3-248 Aux Feedwater	AFWH-59 S Rigid	F-A	VT3				S					
ND-1-3-248 Aux Feedwater	AFWH-82 S Snubber	F-A	VT3						S			
ND-1-3-248 Aux Feedwater	AFWH-60 S Spring	F-A	VT3		S							
ND-1-3-248 Aux Feedwater	AFWH-62 Sway Strut	F-A	VT3				S					
ND-1-3-248 Aux Feedwater	AFWH-81 Sway Strut	F-A	VT3							S		
ND-1-3-248 Aux Feedwater	AFWH-61 S Spring	F-A	VT3		S							
ND-1-3-248 Aux Feedwater	AFWH-86 Sway Strut	F-A	VT3				S					
ND-1-3-248 Aux Feedwater	AFWH-57 S Rigid	F-A	VT3						S			
ND-1-3-248 Aux Feedwater	AFWH-87 S Support	F-A	VT3		S							
ND-1-3-248 Aux Feedwater	AFWH-84 Snubber	F-A	VT3				S					
ND-1-3-248 Aux Feedwater	AFWH-83 Sway Strut	F-A	VT3							S		
ND-1-3-249 Aux Feedwater	AFWH-48 S Rigid	F-A	VT3		S							

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
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Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ND-1-3-249	APWH-47	F-A										
Aux Feedwater	S Support		VT3				S					
ND-1-3-249	APWH-44	F-A										
Aux Feedwater	S Rigid		VT3						S			
ND-1-3-249	APWH-45	F-A										
Aux Feedwater	S Rigid		VT3			S						
ND-1-3-249	APWH-25	F-A										
Aux Feedwater	D Support		VT3				S					
ND-1-3-249	APWH-44	F-A										
Aux Feedwater	S Support		VT3							S		
ND-1-3-249	APWH-19	F-A										
Aux Feedwater	S Support		VT3		S							
ND-1-3-249	APWH-42	F-A										
Aux Feedwater	Sway Strut		VT3				S					
ND-1-3-249	APWH-9	F-A										
Aux Feedwater	S Support		VT3						S			
ND-1-3-249	APWH-70	F-A										
Aux Feedwater	S Support		VT3			S						
ND-1-3-249	APWH-29	F-A										
Aux Feedwater	S Rigid		VT3				S					
ND-1-3-249	APWH-24	F-A										
Aux Feedwater	S Rigid		VT3							S		
ND-1-3-249	APWH-21	F-A										
Aux Feedwater	Anchor		VT3		S							
ND-1-3-249	APWH-17	F-A										
Aux Feedwater	S Support		VT3				S					
ND-1-3-250	APWH-37	F-A										
Aux Feedwater	SL Support		VT3						S			
ND-1-3-250	APWH-41	F-A										
Aux Feedwater	Sway Strut		VT3			S						
ND-1-3-250	APWH-36	F-A										
Aux Feedwater	S Spring		VT3				S					
ND-1-3-250	APWH-40	F-A										
Aux Feedwater	Sway Strut		VT3							S		
ND-1-3-250	APWH-35	F-A										
Aux Feedwater	S Rigid		VT3		S							
ND-1-3-250	APWH-34	F-A										
Aux Feedwater	S Rigid		VT3				S					
ND-1-3-250	APWH-33	F-A										
Aux Feedwater	S Rigid		VT3						S			
ND-1-3-250	APWH-31	F-A										
Aux Feedwater	S Support		VT3				S					
ND-1-3-250	APWH-32	F-A										
Aux Feedwater	S Support		VT3			S						
ND-1-3-250	APWH-30	F-A										
Aux Feedwater	S Rigid		VT3							S		
ND-1-3-250	APWH-43	F-A										
Aux Feedwater	S Support		VT3		S							
ND-1-3-251	APWH-6	F-A										
Aux Feedwater	S Support		VT3				S					
ND-1-3-251	APWH-7	F-A										
Aux Feedwater	Sway Strut		VT3						S			
ND-1-3-251	APWH-8	F-A										
Aux Feedwater	S Support		VT3			S						
ND-1-3-251	APWH-16	F-A										
Aux Feedwater	SL Support		VT3				S					
ND-1-3-251	APWH-18	F-A										
Aux Feedwater	D Support		VT3							S		
ND-1-3-251	APWH-20	F-A										
Aux Feedwater	Anchor		VT3		S							
ND-1-3-251	APWH-80	F-A										
Aux Feedwater	Restraint		VT3				S					
ND-1-3-251	APWH-23	F-A										
Aux Feedwater	S Rigid		VT3						S			
ND-1-3-251	APWH-26	F-A										
Aux Feedwater	S Support		VT3			S						
ND-1-3-251	APWH-28	F-A										
Aux Feedwater	S Support		VT3				S					
ND-1-3-252	APWH-66	F-A										
Aux Feedwater	Restraint		VT3							S		
ND-1-3-252	APWH-11	F-A										
Aux Feedwater	S Support		VT3		S							
ND-1-3-252	APWH-12	F-A										
Aux Feedwater	S Rigid		VT3				S					

Third Ten
Year Interval

Prairie Island Nuclear Generating Plant - Unit 1
In Service Inspection Program Plan and Schedule

Reference: ASME Section XI
1989, Edition

ISO System	Item Description	ASME Item Number	Method	Relief Requests & Notes	Schedule							
					94	96	97	99	00	02		
ND-1-3-252 Aux Feedwater	APWH-14 S Support	F-A	VT3						S			
ND-1-3-252 Aux Feedwater	APWH-13 S Rigid	F-A	VT3			S						
ND-1-3-252 Aux Feedwater	APWH-15 S Spring	F-A	VT3					S				
ND-1-3-253 Aux Feedwater	APWH-4 S Support	F-A	VT3							S		
ND-1-3-253 Aux Feedwater	APWH-64 S Rigid	F-A	VT3		S							
ND-1-3-253 Aux Feedwater	APWH-1 S Spring	F-A	VT3				S					
ND-1-3-253 Aux Feedwater	APWH-2 S Spring	F-A	VT3						S			
ND-1-3-253 Aux Feedwater	APWH-3 Restraint	F-A	VT3			S						
ND-1-3-254 Cooling Water	PSR-116 Trapeze	F-A	VT3					S				
ND-1-3-254 Cooling Water	PSR-117 Mult Restraint	F-A	VT3							S		
ND-1-3-254 Cooling Water	PSR-118 Mult Restraint	F-A	VT3		S							
ND-1-3-254 Cooling Water	PSR-464 D Restraint	F-A	VT3				S					
ND-1-3-254 Cooling Water	PSR-463 D Restraint	F-A	VT3						S			
ND-1-3-254 Cooling Water	PSR-460 D Restraint	F-A	VT3			S						
ND-1-3-258 Cooling Water	PSR-116 Trapeze	F-A	VT3							S		
ND-1-3-258 Cooling Water	PSR-117 Mult Restraint	F-A	VT3		S							
ND-1-3-258 Cooling Water	PSR-118 Mult Restraint	F-A	VT3				S					
ND-1-3-258 Cooling Water	PSR-457 Mult Support	F-A	VT3						S			
ND-1-3-265 Aux Feedwater	RAPWH-101 S Support	F-A	VT3			S						
ND-1-3-265 Aux Feedwater	RAPWH-105 S Support	F-A	VT3					S				
ISI-27C SEAL INJ LOOP 'B'	W-6 TEE - PIPE	B 9. 21	PT									
ISI-14 RC PUMP 11 FLYWHEEL	PUMP #11 KEYWAY	TS 4.2-1	PT UT			S		S		S		
ISI-14 RC PUMP 11	B-3 UPPER SEAL HOUSING	B 7. 60	VT1							S		
ISI-24 RC PUMP 12	H-3 TIE BACK # 3	F-A & B10. 20	VT3				S					
ISI-34 RC PUMP 12	H-2B TIE BACK PIN # 2	F-A	VT3						S			
ISI-34 RC PUMP 12	H-2A TIE BACK BOLT # 2	F-A	VT3						S			
ISI-27D SEAL INJ LOOP 'B'	B-1 FLANGE BOLT	B 7. 50	VT1							S		
ISI- 1F CHARGING LINE 'B'	B-1 FLANGE BOLTS	B 7. 50	VT1						S			
ISI- 2 ACCUM. DISCHARGE 'A'	V-2 VALVE INT SURFACES	B12. 50	VT3	A								
ISI- 2 ACCUM. DISCHARGE 'A'	V-1 VALVE INT SURFACES	B12. 50	VT3	A								
ISI- 3A RHR LOOP 'A'	V-1 VALVE INT SURF	B12. 50	VT3	B								
ISI- 3C RHR LOOP 'A'	V-1 VALVE INT SURFACES	B12. 50	VT3	B								
ISI-29A PRESS SAFETY LINE A	V-1 VALVE INT SURFACES	B12. 50	VT3	E								
ISI- 5D SPRAY TO PRESSURIZER	W-11 PIPE - ELBOW	B 9. 21	PT									
ISI- 9 SIS HIGH HEAD 'A'	W-7 PIPE - REDUCER	B 9. 21	PT									
ISI-29B PRESS SAFETY LINE B	V-1 VALVE INT SURFACES	B12. 50	VT3	E								
ISI-31 PRESSURIZER RELIEF	W-2 SAFE-END / REDUCER	B 9. 21	PT					S				

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					94	96	97	99	00	02		
ISI-31	W-7	B 9. 21										
PRESSURIZER RELIEF	PIPE / PIPE		PT									
ISI-32B	W-7	B 9. 21										
AUXILIARY SPRAY	PIPE - TEE		PT									
ISI-32B	W-8	B 9. 21										
AUXILIARY SPRAY	TEE - PIPE		PT									
ISI-32B	W-12	B 9. 21										
AUXILIARY SPRAY	TEE - PIPE		PT									
ISI-32B	W-13	B 9. 21										
AUXILIARY SPRAY	PIPE - ELBOW		PT									
ISI-32B	W-14	B 9. 21										
AUXILIARY SPRAY	ELBOW - PIPE		PT					S				
ISI-32B	W-15	B 9. 40										
AUXILIARY SPRAY	PIPE - VALVE		PT					S				
ISI-32B	W-16	B 9. 40										
AUXILIARY SPRAY	VALVE - PIPE		PT									
ISI-32B	W-17	B 9. 40										
AUXILIARY SPRAY	PIPE- VALVE		PT									
ND-1-3-5	CWRH-48	F-A										
Cooling Water	Lat Restraint		VT3					S				
ND-1-3-17	CWH-431	F-A										
Cooling Water	S Spring		VT3							S		
ISI-91A	W-10	C X. XX										
ALT CONT SP 11 SUCT	PIPE - WELDOLET											
ISI-91A	W-13	C X. XX										
ALT CONT SP 11 SUCT	VALVE - REDUCER											
ISI-91A	W-14	C X. XX										
ALT CONT SP 11 SUCT	REDUCER - TEE											
ISI-91A	W-15	C X. XX										
ALT CONT SP 11 SUCT	TEE - WELDOLET											
ISI-91A	W-16	C X. XX										
ALT CONT SP 11 SUCT	TEE - FLANGE											
ISI-91A	W-17	C X. XX										
ALT CONT SP 11 SUCT	FLANGE - PIPE											
ISI-91A	W-18	C X. XX										
ALT CONT SP 11 SUCT	PIPE - FLANGE											
ISI-91A	W-19	C X. XX										
ALT CONT SP 11 SUCT	FLANGE - PUMP											
ISI-91B	W-12	C X. XX										
ALT CONT SP 12 SUCT	PIPE - WELDOLET											
ISI-91B	W-15	C X. XX										
ALT CONT SP 12 SUCT	VALVE - REDUCER											
ISI-68B	W-7	C 5. 51										
MAINSTREAM 'B'	SEEPolet - REDUCER		MT UT	I								
ND-1-3-25	CWH-156	F-A										
Cooling Water	Hanger		VT3			S						
ISI-55C	W-4	C X. XX										
RHR PUMP 'B' DISCH	PIPE - WELDOLET											
ISI-55C	W-14/LSD	C X. XX										
RHR PUMP 'B' DISCH	PIPE - ELBOW											
ISI-68B	W-6 LS UD	C 5. 80										
MAINSTREAM 'B'	PIPE - SWEEPolet		MT	I								
ISI-89B	W-9	C X. XX										
RHR PUMP 'B' DISCH	PIPE WELDOLET											
ND-1-3-91	CWH-359	F-A										
Cooling Water	S Snubber		VT3		S							
ISI-69	H-3	F-A										
FEEDWATER LOOP 'B'	SUPPORT		VT3	I				S				
ISI-30A	V-1	B12. 50										
REACTOR VESSEL SIS A	VALVE INT SURFACES		VT3	C								
ND-1-3-94	CWH-428	F-A										
Cooling Water	Sway Strut		VT3		S							
ISI-30A	V-2	B12. 50										
REACTOR VESSEL SIS A	VALVE INT SURFACES		VT3	C								
ISI-30B	V-1	B12. 50										
REACTOR VESSEL SIS B	VALVE INT SURFACES		VT3	C								
ISI-30B	V-2	B12. 50										
REACTOR VESSEL SIS B	VALVE INT SURFACES		VT3	C								
ISI-27D	W-13	B 9. 21										
SEAL INJ LOOP 'B'	ELBOW - PIPE		PT									
ISI-43A	N-5	B 3.130										
STEAM GENERATOR #11	INLET NOZZLE		UT					S				
ISI-43A	N-5 IR	B 3.140										
STEAM GENERATOR #11	NOZZLE INNER RADIUS		UT	S								

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ISI-43A STEAM GENERATOR #11	N-6 OUTLET NOZZLE	B 3.130	UT			S						
ISI-43A STEAM GENERATOR #11	N-6 IR NOZZLE INNER RADIUS	B 3.140	UT	S								
ISI-43B STEAM GENERATOR #12	N-5 INLET NOZZLE	B 3.130	UT							S		
ISI-43B STEAM GENERATOR #12	N-5 IR NOZZLE INNER RADIUS	B 3.140	UT	S								
ISI-43B STEAM GENERATOR #12	N-6 OUTLET NOZZLE	B 3.130	UT					S				
ISI-43B STEAM GENERATOR #12	N-6 IR NOZZLE INNER RADIUS	B 3.140	UT	S								
ND-3-3-228 Component Cooling	CCH-290 Sway Strut	F-A	VT3		S							
ISI-51A MAIN STEAM 'A'	H-3 SEISMIC RESTRAINT	F-A & C 3. 20	MT VT3						S			
ISI-51B MAIN STEAM 'A'	H-3 SPRING HANGER	F-A	VT3				S					
ISI-51B MAIN STEAM 'A'	H-4 RIGID SUPPORT	F-A	VT3				S					
ISI-51B MAIN STEAM 'A'	H-2 RESTRAINT	F-A	VT3						S			
ISI-51C MAIN STEAM 'A'	H-2 DOUBLE SNUBBER	F-A	VT3				S					
ISI-52 FEEDWATER LOOP 'A'	W-19 PIPE - Valve	C 5. 51	MT UT									
ISI-89A RHR PUMP 'A' DISCH	W-11 PIPE - WELDOLET	C X. XX										
ISI-89B RHR PUMP 'B' DISCH	W-3/LSU ELBOW-PIPE 10"	C X. XX										
ISI-89B RHR PUMP 'B' DISCH	W-7 PIPE FLANGE 10"	C X. XX										
ISI-55D RHR PUMP 'B' DISCH	W-25/LSU ELBOW - VAL	C X. XX										
ISI-55C RHR PUMP 'B' DISCH	W-22 1" HEAT EXCH - PIPE	C 2. 31	PT				S					
ISI-55A RHR PUMP 'A' DISCH	W-4 PIPE - WELDOLET	C X. XX										
ISI-53A RHR SUCTION PUMP	W-7/LSUD TEE - WELDOLET	C X. XX										
ISI-50 R.V. NOZZEL ORIEN.	W-9 NOZZEL - VESSEL	B 3. 90	UT							S		
ISI-50 R.V. NOZZEL ORIEN.	W-9 IR NOZZEL - VESSEL	B 3.100	UT							S		
ISI-50 R.V. NOZZEL ORIEN.	W-10 NOZZEL - VESSEL	B 3. 90	UT		S							
ISI-50 R.V. NOZZEL ORIEN.	W-10 IR NOZZEL - VESSEL	B 3.100	UT		S							
ISI-50 R.V. NOZZEL ORIEN.	W-11 NOZZEL - VESSEL	B 3. 90	UT							S		
ISI-50 R.V. NOZZEL ORIEN.	W-11 IR NOZZEL - VESSEL	B 3.100	UT							S		
ISI-43C STEAM GENERATOR #11	H-1 SNUBBER	F-A	VT3					S				
ISI-43C STEAM GENERATOR #11	H-2 SNUBBER	F-A	VT3					S				
ISI-43C STEAM GENERATOR #11	H-3 SNUBBER	F-A	VT3					S				
ISI-43C STEAM GENERATOR #11	H-4 SNUBBER	F-A	VT3					S				
ISI-43C STEAM GENERATOR #11	H-5 SPRING	F-A	VT3					S				
ISI-43C STEAM GENERATOR #11	H-6 SPRING	F-A	VT3					S				
ISI-43C STEAM GENERATOR #11	H-7 PAD	F-A	VT3					S				
ISI-43C STEAM GENERATOR #11	H-8 PAD	F-A	VT3					S				
ISI-43C STEAM GENERATOR #11	H-9 TOP SUPPORT GIRDER	F-A	VT3					S				
ISI-43C STEAM GENERATOR #11	H-10 FIXTURE	F-A	VT3					S				
ISI-43C STEAM GENERATOR #11	H-11 FIXTURE	F-A	VT3					S				

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ISI-43C	H-12	F-A										
STEAM GENERATOR #11	FIXTURE		VT3				S					
ISI-43C	H-13	F-A										
STEAM GENERATOR #11	PAD		VT3				S					
ISI-43C	H-14	F-A										
STEAM GENERATOR #11	PAD		VT3						S			
ISI-43C	H-15	F-A										
STEAM GENERATOR #11	PAD		VT3						S			
ISI-43C	H-16	F-A										
STEAM GENERATOR #11	PAD		VT3				S					
ISI-43C	H-17	F-A										
STEAM GENERATOR #11	BUMPER BLOCK		VT3				S					
ISI-43C	H-18	F-A										
STEAM GENERATOR #11	BUMPER BLOCK		VT3						S			
ISI-43C	H-19	F-A										
STEAM GENERATOR #11	BUMPER BLOCK		VT3						S			
ISI-43C	H-20	F-A										
STEAM GENERATOR #11	BUMPER BLOCK		VT3				S					
ISI-43D	H-1	F-A										
STEAM GENERATOR #12	SNUBBER		VT3							S		
ISI-43D	H-2	F-A										
STEAM GENERATOR #12	SNUBBER		VT3							S		
ISI-43D	H-3	F-A										
STEAM GENERATOR #12	SNUBBER		VT3							S		
ISI-43D	H-4	F-A										
STEAM GENERATOR #12	SNUBBER		VT3							S		
ISI-43D	H-5	F-A										
STEAM GENERATOR #12	SPRING		VT3							S		
ISI-43D	H-6	F-A										
STEAM GENERATOR #12	SPRING		VT3							S		
ISI-43D	H-7	F-A										
STEAM GENERATOR #12	PAD		VT3							S		
ISI-43D	H-8	F-A										
STEAM GENERATOR #12	PAD		VT3							S		
ISI-43D	H-9	F-A										
STEAM GENERATOR #12	TOP SUPPORT GIRDER		VT3							S		
ISI-43D	H-10	F-A										
STEAM GENERATOR #12	FIXTURE		VT3			S						
ISI-43D	H-11	F-A										
STEAM GENERATOR #12	FIXTURE		VT3			S						
ISI-43D	H-12	F-A										
STEAM GENERATOR #12	FIXTURE		VT3			S						
ISI-43D	H-13	F-A										
STEAM GENERATOR #12	PAD		VT3			S						
ISI-43D	H-14	F-A										
STEAM GENERATOR #12	PAD		VT3							S		
ISI-43D	H-15	F-A										
STEAM GENERATOR #12	PAD		VT3							S		
ISI-43D	H-16	F-A										
STEAM GENERATOR #12	PAD		VT3			S						
ISI-43D	H-17	F-A										
STEAM GENERATOR #12	BUMPER BLOCK		VT3			S						
ISI-43D	H-18	F-A										
STEAM GENERATOR #12	BUMPER BLOCK		VT3							S		
ISI-43D	H-19	F-A										
STEAM GENERATOR #12	BUMPER BLOCK		VT3							S		
ISI-43D	H-20	F-A										
STEAM GENERATOR #12	BUMPER BLOCK		VT3			S						
ISI-44	W-7	B 9. 21										
REGEN HEAT EXCHANGER	NOZZLE - PIPE		PT									
ISI-44	W-8	B 9. 21										
REGEN HEAT EXCHANGER	PIPE - NOZZLE		PT									
ISI-91B	W-16	C X. XX										
ALT CONT SP 12 SUCT	REDUCER - TEE											
ISI-44	W-9	B 9. 21										
REGEN HEAT EXCHANGER	NOZZLE - PIPE		PT									
ISI-91B	W-17	C X. XX										
ALT CONT SP 12 SUCT	TEE - WELDOLET											
ISI-44	W-10	B 9. 21										
REGEN HEAT EXCHANGER	PIPE - NOZZLE		PT									
ISI-44	N-1 1R	B 3.160										
REGEN HEAT EXCHANGER	NOZZLE - HK		UT									
ISI-44	N-2 1R	B 3.160										
REGEN HEAT EXCHANGER	HK - NOZZLE		UT									

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ISI-44	N-3 IR	B 3.160		5										
REGEN HEAT EXCHANGER	NOZZLE - HX		UT											
ISI-44	N-4 IR	B 3.160		5										
REGEN HEAT EXCHANGER	HX - NOZZLE		UT											
ISI-91B	W-1B	C X. XX												
ALT CONT SF 12 SUCT	TEE - FLANGE													
ISI-44	N-5 IR	B 3.160		5										
REGEN HEAT EXCHANGER	NOZZLE - HX		UT											
ISI-91B	W-19	C X. XX												
ALT CONT SF 12 SUCT	FLANGE - PIPE													
ISI-44	N-6 IR	B 3.160		5										
REGEN HEAT EXCHANGER	HX - NOZZLE		UT											
ISI-44	N-6	B 4. 11												
REGEN HEAT EXCHANGER	HX - HALF COUPLING		VT2											
ISI-91B	W-21	C X. XX												
ALT CONT SF 12 SUCT	FLANGE - PUMP													
ISI-44	H-1A	F-A												
REGEN HEAT EXCHANGER	FLOORSTAND		VT3											
ISI-96	W-1	C X. XX												
CONT SPRAY 11 DISCH	PUMP - FLANGE													
ISI-96	W-2	C X. XX												
CONT SPRAY 11 DISCH	FLANGE - REDUCER													
ISI-44	H-1B	F-A												
REGEN HEAT EXCHANGER	FLOORSTAND		VT3											
ISI-96	W-3	C X. XX												
CONT SPRAY 11 DISCH	REDUCER - PIPE													
ISI-96	W-4	C X. XX												
CONT SPRAY 11 DISCH	PIPE - WELDOLET													
ISI-96	W-5	C X. XX												
CONT SPRAY 11 DISCH	PIPE - VALVE													
ISI-96	W-6	C X. XX												
CONT SPRAY 12 DISCH	PUMP - FLANGE													
ISI-96	W-7	C X. XX												
CONT SPRAY 12 DISCH	FLANGE - REDUCER													
ISI-96	W-8	C X. XX												
CONT SPRAY 12 DISCH	REDUCER - PIPE													
ISI-96	W-9	C X. XX												
CONT SPRAY 12 DISCH	PIPE - WELDOLET													
ISI-96	W-10	C X. XX												
CONT SPRAY 12 DISCH	PIPE - VALVE													
ISI-93B	H-1	F-A												
RHR HEAT EXCH 12	SUPPORT		VT3											
ISI-93B	H-2	F-A												
RHR HEAT EXCH 12	SUPPORT		VT3											
ISI-93B	W-1	C 1. 20												
RHR HEAT EXCH 12	HEAD - SHELL		UT											
ISI-93B	W-2	C 1. 10												
RHR HEAT EXCH 12	SHELL - FLANGE		UT											
X-H-106-242	MS-2B/LSUD	HELB												
MAIN STEAM 'A'	PIPE - PIPE		MT UT											
ISI-97	W-1	C 5. 21												
RV - LOOP A SI	VALVE - PIPE		PT UT											
ISI-97	W-2	C 5. 21												
RV - LOOP A SI	PIPE - TEE		PT UT											
ISI-97	W-3	C 5. 21												
RV - LOOP A SI	TEE - REDUCER		PT UT											
ISI-97	W-4	C 5. 21												
RV - LOOP A SI	TEE - PIPE		PT UT											
ISI-97	W-5	C 5. 21												
RV - LOOP A SI	PIPE - VALVE		PT UT											
ISI-97	H-1	F-A												
RV - LOOP A SI	SUPPORT		VT3											
ISI-97	W-6	C 5. 21												
RV - LOOP B SI	VALVE - PIPE		PT UT											
ISI-97	W-7	C 5. 21												
RV - LOOP B SI	PIPE - TEE		PT UT											
ISI-97	W-8	C 5. 21												
RV - LOOP B SI	TEE - REDUCER		PT UT											
ISI-97	W-9	C 5. 21												
RV - LOOP B SI	TEE - PIPE		PT UT											
ISI-97	W-10	C 5. 21												
RV - LOOP B SI	PIPE - VALVE		PT UT											
ISI-42	N-1 IR	B 3.120		5										
PRESSURIZER	SURGE NOZZLE		UT											

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ISI-42 PRESSURIZER	N-3 IR RELIEF NOZZLE	B 3.120	UT	S								
ISI-42 PRESSURIZER	N-4A IR SAFETY NOZZLE	B 3.120	UT	S								
ISI-42 PRESSURIZER	N-4B IR SAFETY NOZZLE	B 3.120	UT	S								
ISI-46 RCS DRAINDOWN	W-3 PIPE - REDUCER	B 9.11	PT UT									
ISI-46 RCS DRAINDOWN	W-4 REDUCER - ELBOW	B 9.21	PT									
ISI-46 RCS DRAINDOWN	W-5 ELBOW - PIPE	B 9.21	PT					S				
ISI-46 RCS DRAINDOWN	W-6 PIPE - ELBOW	B 9.21	PT									
ISI-46 RCS DRAINDOWN	W-7 ELBOW - PIPE	B 9.21	PT									
ISI-46 RCS DRAINDOWN	W-8 PIPE - Valve	B 9.21	PT									
ISI-46 RCS DRAINDOWN	W-9 Valve - PIPE	B 9.21	PT					S				
ISI-46 RCS DRAINDOWN	W-10 PIPE - Valve	B 9.21	PT									
ISI-51C MAIN STEAM 'A'	W-18 LSU PIPE - WELDOLET	C 5.80	MT									
ISI-51C MAIN STEAM 'A'	W-19 WELDOLET - REDUCER	C 5.51	MT UT									
ISI-52 FEEDWATER LOOP 'A'	H-10 ANCHOR ELBOW	F-A & C 3.20	MT VT3							S		
ISI-44 REGEN HEAT EXCHANGER	N-1 NOZZLE - HX	B 3.150	UT			S						
ISI-44 REGEN HEAT EXCHANGER	N-2 HX - NOZZLE	B 3.150	UT					S				
ISI-44 REGEN HEAT EXCHANGER	N-3 NOZZLE - HX	B 3.150	UT							S		
ISI-44 REGEN HEAT EXCHANGER	N-4 HX - NOZZLE	B 3.150	UT				S					
ISI-44 REGEN HEAT EXCHANGER	N-5 NOZZLE - HX	B 3.150	UT								S	
ISI-44 REGEN HEAT EXCHANGER	N-6 HX - NOZZLE	B 3.150	UT		S							
ISI-93B ALT CONT SF 12 SUCT	W-20 PIPE - FLANGE	C X. XX										