

THE
MARCH 31, 1987 TO NOVEMBER 11, 1989
IN-SERVICE INSPECTION PROGRAM
FINAL REPORT
FOR THE
PEACH BOTTOM ATOMIC POWER STATION
UNIT 3
1987 - 1989 EXTENDED REFUEL OUTAGE

PECO NDT LEVEL III Karl F. Fisher 2-16-90
DATE

AUTHORIZED NUCLEAR IN-SERVICE INSPECTOR J. F. Fisher 2/16/90
DATE

PECO PBAPS MAINTENANCE SENIOR ENGINEER James E. Nutman 2/23/90 JES
DATE

PORC REVIEW John Blotter PORC MTG 90-036 3/1/90
DATE

FORM NIS 1
IN-SERVICE INSPECTION REPORT
PAGE 2

CERTIFICATE OF IN-SERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Pennsylvania and employed by Hartford Steam Boiler Inspection & Insurance Company of Hartford, Connecticut have inspected the components described in this Owner's Data Report during the period March 31, 1987 through November 11, 1989, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Data Report in accordance with the requirements of the ASME Code, Section XI. Additional examinations were performed to the applicable guidelines.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in a manner for any personal injury to property damage or loss of any kind arising from or connected with this inspection.

Date: Feb. 16, 1990

M. Fishman Commissions PA 2163 NB 7592
Inspector's Signature National Board, State, Province & No.

INTRODUCTION

During the period from March 31, 1987 through November 11, 1989, In-Service Inspections were performed at Peach Bottom Atomic Power Station, Unit 3. Due to the extended Unit 3 shutdown, this inspection was credited towards the first period of the second ten-year interval.

Examinations completed during this period were performed by Philadelphia Electric Company and General Electric Company in accordance with the requirements of ASME Section XI, 1980 Edition with Addenda, through Winter 1981.

In addition to ASME Section XI, other examinations were performed to meet the augmented inspection requirements of I.E. Bulletin 80-13, "Cracking in Core Spray Spargers" and NUREG 0313, Rev. 1, "Technical Report on Material Selection and Processing Guidelines for BWR Coolant Pressure Boundary Piping".

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SECTION 1

SUMMARY OF 1987-1989 IN-SERVICE INSPECTION RESULTS

[illegible]

PHILADELPHIA ELECTRIC COMPANY

PEACE BOTTOM NUCLEAR POWER STATION UNIT 3

INSERVICE EXAMINATION PLAN 1984 THROUGH 1993

SUMMARY OF RESULTS FOR THE SECOND INTERVAL, FIRST PERIOD (1987)

February 21, 1990
REVISION 1

DATE: 06/29/89
REVISION: 1

PEACH BOTTOM NUCLEAR POWER STATION UNIT
INSERVICE EXAMINATION SUMMARY FOR THE SECOND INTERVAL, FIRST PERIOD (19)
CLASS 1 COMPONENTS

PAGE:

REACTOR PRESSURE VESSEL

ASME
SEC. XI
CATGY
ITEM NO EXAMINATION AREA IDENTIFICATION

FIGURE SUMMARY
NUMBER NUMBER METHOD

NDE USED
PROCEDURE NO.

NR OR
OEGTE
RCEHP
ECOE
CRMRR

REMARKS

____CIRCUMFERENTIAL WELDS____
B-H RPV-SK
B8.10 SUPPORT SKIRT WELD

A-1 000700 MT

SWI-18, R5

X -

EXAMINED 100% OF THE WELD LENGTH.

____BOTTOM HEAD____
F-A,B,C RPV-SK(SC)
F0.00 SUPPORT SKIRT SUPPORT COMPONENT

A-1 000750 VT-3

SWI-38, R2

X - - - -

EXAMINED ALL ACCESSIBLE SURFACES,
INCLUDING BOLTING.

____MERIDIONAL WELDS BOTTOM HD____
B-A RPV-MF
B1.22 AT 300 DEG.

A-1 002800 UT 0
UT 45T
UT 45P
UT 60T
UT 60P

UT-PE-005, R2

X - - - -
X - - - -
X - - - -
X - - - -
X - - - -

EXAMINED 63 INCHES FROM INTERSECTION
C1 TOWARDS SKIRT WELD.

____NOZZLE-TO-SHELL WELDS____
B-D N3A
B3.90 MAIN STEAM NOZZLE

A-1 002900 UT 45
UT 60
UT 60T

PB-UTI-4, R0

- - X - -
- - X - -
X - - - -

CLAD INDICATIONS

B-D N3D
B3.90 MAIN STEAM NOZZLE

A-1 003200 UT 45
UT 60
UT 60T

PB-UTI-4, R0

- - X - -
- - X - -
X - - - -

CLAD INDICATIONS.

B-D N5A
B3.90 CORE SPRAY NOZZLE

A-1 003800 UT 45
UT 60
UT 60T

PB-UTI-4, R0

- - X - -
- - X - -
X - - - -

CLAD AND NOZZLE BORE INDICATIONS.

B-D N5B
B3.90 CORE SPRAY NOZZLE

A-1 003900 UT 45
UT 60
UT 60T

PB-UTI-4, R0

- - X - -
- - X - -
X - - - -

CLAD, FEEDWATER SPARGER PADS, AND NOZZLE
BORE INDICATIONS.

SEE NEXT PAGE FOR DESCRIPTION OF FIELDS (1) THROUGH (8).

SUMMARY OF EXAMINATIONS LEGEND

1. Identification of system.
2. ASME Section XI Category and Item Number applicable to the component. If there is an augmented requirement to perform an examination, then the source document is listed in the location.
3. Component identification and description.
4. Figure number identifies the reference drawings applicable to the component.
5. Exam method (NDE) applicable to the component.
6. NDE procedure used to perform the examination on the component.
7. Examination results broken down into 5 categories described below:
 - a) NOREC = No recordable indications detected
 - b) RECOR = Recordable indications detected
 - c) GEOM = Geometric indications detected
 - d) OTHER = Other indications which don't fall into the 4 categories (i.e., indication detected was evaluated by Engineering and dispositioned "use as is")
 - e) REPOR - Reportable indications which require corrective action to maintain structural adequacy
8. Remarks field which contains specific information concerning the component examination or evaluation of examination results.

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INSERVICE EXAMINATION SUMMARY FOR THE SECOND INTERVAL, FIRST PERIOD (1987)
CLASS 1 COMPONENTS

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REACTOR PRESSURE VESSEL

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
<u>CIRCUMFERENTIAL WELDS</u>							
B-A B1.11	RPV-C3 SHL CRS NO. 2 TO SHL CRS NO. 3	A-1	000300	UT 0 UT 45 S UT 60 S UT 45T S UT 60T S UT 0 UT 45 S UT 60 S UT 45T S UT 60T S	PB-UTI-12, R0 UT-PE-005, R2	- X - - - - - X - - - - X - - - - X - - - - X - - X - - - - X - - - - X - - - - X - - - - X - - - -	CLAD AND LAMINATIONS
B-A B1.30	RPV-C6 VESSEL TO FLANGE	A-1	000600	UT 0	UT-PE-006, R3	X - - - -	EXAMINED FROM THE CENTERS OF STUDS #73 TO #13.
B-H B8.10	RPV-SK SUPPORT SKIRT WELD	A-1	000700	MT	SWI-18, R5	X - - - -	
<u>BOTTOM HEAD</u>							
F-A,B,C F0.00	SUPPORT SUPPORT SKIRT SUPPORT COMPONENT	A-1	000750	VT-3	SWI-38, R2	X - - - -	
<u>LONGITUDINAL WELDS</u>							
B-A B1.12	RPV-V2A ON SHELL COURSE NO. 2	A-1	001100	UT 0 UT 45 S UT 45T S UT 60 S UT 60T S	PB-UTI-12, R0	X - - - - - - X - - - - X - - X - - - - - - X - -	CLAD
<u>MERIDIONAL WELDS</u>							
B-A B1.22	RPV-MF UPPER TORUS AT 300 DEG	A-1	002800	UT 0 UT 45 S UT 45T S UT 60 S UT 60T S	UT-PE-005, R2	X - - - - X - - - - X - - - - X - - - - X - - - -	

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INSERVICE EXAMINATION SUMMARY FOR THE SECOND INTERVAL, FIRST PERIOD (1987)
CLASS 1 COMPONENTS

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REACTOR PRESSURE VESSEL

ASME SEC. XI CATGY		WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION		FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N B O E R C E H P E O O E O C R M R R	REMARKS
<u>NOZZLE-TO-SHELL WELDS</u>									
B-D B3.90	N3A MAIN STEAM NOZZLE	A-1	002900	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R2	- - X - - - - X - - X - - - -		NOZZLE BORE GEOMETRY AND CLAD.	
B-D B3.90	N3D MAIN STEAM NOZZLE	A-1	003200	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R2	- - X - - - - X - - X - - - -		NOZZLE BORE GEOMETRY AND CLAD.	
B-D B3.90	N5A CORE SPRAY NOZZLE	A-1	003800	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R1	- - X - - - - X - - X - - - -		NOZZLE BORE GEOMETRY AND CLAD.	
B-D B3.90	N5B CORE SPRAY NOZZLE	A-1	003900	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R2	- - X - - - - X - - X - - - -		NOZZLE BORE GEOMETRY AND CLAD.	
B-D B3.90	N1A MAIN RECIRC OUTLET NOZZLE	A-1	004100	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R2	- X - - - - - X - - X - - - -		LIMITED EXAM DUE TO INSULATION. CLAD AND GEOMETRIC IND.	
B-D B3.90	N2A MAIN RECIRC INLET NOZZLE	A-1	004300	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R1	- - X - - - - X - - X - - - -		NOZZLE BORE AND THERMAL SLEEVE GEOMETRY AND CLAD.	
B-D B3.90	N2B MAIN RECIRC INLET NOZZLE	A-1	004400	UT 45 UT 60 UT 60T	PB-UTI-4, R1	- - X - - - - X - - X - - - -		LIMITED EXAM DUE TO INSULATION AND NOZZLE CONFIGURATION. NOZZLE BORE AND THERMAL SLEEVE GEOMETRY, AND CLAD.	
B-D B3.90	N2C MAIN RECIRC INLET NOZZLE	A-1	004500	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R1	- - X - - - - X - - X - - - -		NOZZLE BORE AND THERMAL SLEEVE GEOMETRY. AND CLAD.	
B-D B3.90	N2D MAIN RECIRC INLET NOZZLE	A-1	004600	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R1	- - X - - - - X - - X - - - -		NOZZLE BORE GEOMETRY AND CLAD.	

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PEACH BOTTOM NUCLEAR POWER STATION UNIT 3
INSERVICE EXAMINATION SUMMARY FOR THE SECOND INTERVAL, FIRST PERIOD (1987)
CLASS 1 COMPONENTS

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REACTOR PRESSURE VESSEL

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NLE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-D B3.90	NOZZLE-TO-SHELL WELDS N2E MAIN RECIRC INLET NOZZLE	A-1	004700	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R1	- - X - - - - X - - X - - - -	NOZZLE BORE GEOMETRY AND CLAD.
B-D B3.90	N2F MAIN RECIRC INLET NOZZLE	A-1	004800	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R1	- - X - - - - X - - X - - - -	NOZZLE BORE GEOMETRY AND CLAD.
B-D B3.90	N2H MAIN RECIRC INLET NOZZLE	A-1	005000	UT 45 S UT 60 S UT 60T S	PB-UTI-4, R1	- - X - - - - X - - X - - - -	NOZZLE BORE GEOMETRY AND CLAD.
B-D B3.90	N8A JET PUMP INSTRUMENTATION NOZZLE	A-1	005300	UT 0 UT 45 S UT 45T S UT 60 S UT 60T S	UT-PB-005, R2	X - - - - - - X - - X - - - - X - - - - X - - - -	NOZZLE BORE GEOMETRY.
B-D B3.100	NOZZLE INSIDE RAD. SECTION N3A-IRS MAIN STEAM NOZZLE	A-1	005500	UT 73.5 S UT 21.3 RL	PB-UTI-10, R2 PB-UTI-8, R0	- - X - - X - - - -	CLAD.
B-D B3.100	N3D-IRS MAIN STEAM NOZZLE	A-1	005800	UT 73.5 S UT 21.3 RL	PB-UTI-10, R2 PB-UTI-8, R0	- - X - - X - - - -	CLAD.
B-D B3.100	N5A-IRS CORE SPRAY NOZZLE	A-1	006500	UT 67.3 S UT 16.4 RL	PB-UTI-10, R2 PB-UTI-8, R0	- - X - - X - - - -	THERMAL SLEEVE GEOMETRY AND CLAD.
B-D B3.100	N5B-IRS CORE SPRAY NOZZLE	A-1	006600	UT 67.3 S UT 16.4 RL	PB-UTI-10, R2 PB-UTI-8, R0	- - X - - X - - - -	THERMAL SLEEVE GEOMETRY AND CLAD.

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REACTOR PRESSURE VESSEL

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
<hr/>							
	NOZZLE INSIDE RAD. SECTION						
B-D	N1A-IRS	A-1	006700	UT 73.5 S	PB-UTI-10, R2	- X - - -	CLAD.
B3.100	MAIN RECIRC OUTLET NOZZLE			UT 23.2 RL	PB-UTI-8, R0	X - - - -	
B-D	N2A-IRS	A-1	006900	UT 67.3 S	PB-UTI-10, R1	- X - - -	CLAD AND NON-GEOMETRIC WELD INDICATION
B3.100	MAIN RECIRC INLET NOZZLE			UT 17.9 RL	PB-UTI-8, R0	X - - - -	(ACCEPTABLE).
B-D	N2B-IRS	A-1	007000	UT 67.3 S	PB-UTI-10, R2	- - X - -	THERMAL SLEEVE GEOMETRY AND CLAD.
B3.100	MAIN RECIRC INLET NOZZLE			UT 17.9 RL	PB-UTI-8, R0	X - - - -	
B-D	N2C-IRS	A-1	007100	UT 67.3 S	PB-UTI-10, R1	- - X - -	THERMAL SLEEVE GEOMETRY, CLAD, AND NON
B3.100	MAIN RECIRC INLET NOZZLE			UT 17.9 RL	PB-UTI-8, R0	X - - - -	-GEOMETRIC WELD INDICATIONS (ACCEPTABLE).
B-D	N2D-IRS	A-1	007200	UT 67.3 S	PB-UTI-10, R2	- - X - -	THERMAL SLEEVE GEOMETRY, CLAD, AND NON
B3.100	MAIN RECIRC INLET NOZZLE			UT 17.9 RL	PB-UTI-8, R0	X - - - -	-GEOMETRIC WELD INDICATIONS (ACCEPTABLE).
B-D	N2E-IRS	A-1	007300	UT 67.3 S	PB-UTI-10, R2	- - X - -	THERMAL SLEEVE GEOMETRY, CLAD, AND NON
B3.100	MAIN RECIRC INLET NOZZLE			UT 17.9 RL	PB-UTI-8, R0	X - - - -	-GEOMETRIC WELD INDICATIONS (ACCEPTABLE).
B-D	N2F-IRS	A-1	007400	UT 67.3	PB-UTI-10, R1	- - X - -	THERMAL SLEEVE GEOMETRY, CLAD, AND NON
B3.100	MAIN RECIRC INLET NOZZLE			UT 17.9	PB-UTI-8, R0	X - - - -	-GEOMETRIC WELD INDICATIONS (ACCEPTABLE).
B-D	N2H-IRS	A-1	007600	UT 67.3 S	PB-UTI-10, R1	- - X - -	THERMAL SLEEVE GEOMETRY AND CLAD.
B3.100	MAIN RECIRC INLET NOZZLE			UT 17.9 RL	PB-UTI-8, R0	X - - - -	
B-D	N8A-IRS	A-1	007800	UT 45 S	PB-UTI-7, R0	X - - - -	
B3.100	JET PUMP INSTRUMENTATION NOZZLE						

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PEACH BOTTOM NUCLEAR POWER STATION UNIT 3
INSERVICE EXAMINATION SUMMARY FOR THE SECOND INTERVAL, FIRST PERIOD (1987)
CLASS 1 COMPONENTS

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REACTOR PRESSURE VESSEL

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
ITEM NO							
<hr/>							
	<u>THREADS IN FLANGE</u>						
B-G-1	NOS. 1 - 92	A-1	008000	UT 0	UT-PE-008, R1	X - - - -	EXAMINED THREADS 1 TO 13 AND 73 TO 92.
B6.40	THREADS IN FLANGE						
<hr/>							
	<u>INTEGRALLY-WDED VSL SUPTS</u>						
B-H	SUPPORT-1	A-1	008010	MT	SWI-18, R5	X - - - -	
B8.10	STABILIZER BAR AT 0 DEG.						
<hr/>							
F-A,B,C	SUPPORT-1 RESTRAINT	A-1	008015	VT-3	SWI-38, R2	X - - - -	
F0.60	SUPPORT COMP AT 0 DEG						
<hr/>							
B-H	SUPPORT-4	A-1	008040	MT	SWI-18, R5	X - - - -	
B8.10	STABILIZER BAR AT 135 DEG.						
<hr/>							
F-A,B,C	SUPPORT-4 RESTRAINT	A-1	008045	VT-3	SWI-38, R2	X - - - -	
F0.00	SUPPORT COMP AT 135 DEG						
<hr/>							
	<u>INT ATTCH & CORE SUPT STRU</u>						
B-N-2	DHDB-1	A-2	008200	VT-3	SWI-38, R2	X - - - -	
B13.21	DRYER HOLD-DOWN BRACKETS						
<hr/>							
	<u>CIRCUMFERENTIAL WELDS</u>						
B-A	CH-C-1	A-2	008600	UT 0	UT-PE-005, R1	X - - - -	ROOT GEOMETRY AND NON-GEOMETRIC WELD INDICATIONS (ACCEPTABLE).
B1.21	DOLLAR PLATE WELD			UT 45 S		- X X - -	
				UT 60 S		- X X - -	
<hr/>							
B-A	CH-C-2	A-2	008700	MT	SWI-18, R4	X - - - -	NON-GEOMETRIC WELD INDICATION (ACCEPTABLE).
B1.40	HEAD TO FLANGE			UT 0	UT-PE-005, R1	X - - - -	
				UT 45 S		- X - - -	
				UT 60 S		- X - - -	

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PEACH BOTTOM NUCLEAR POWER STATION UNIT 3
INSERVICE EXAMINATION SUMMARY FOR THE SECOND INTERVAL, FIRST PERIOD (1987)
CLASS 1 COMPONENTS

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REACTOR PRESSURE VESSEL CLOSURE HEAD

ASME SEC. XI		FIGURE SUMMARY		EXAM	NDE USED	N R O R O E G T E R C E H P E O O E O C R M R R						REMARKS
CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	NUMBER	NUMBER	METHOD	PROCEDURE NO.							
<u>HEAD TO NOZZLE WELDS</u>												
B-D B3.90	CH-NA	A-2	009400	UT 0 UT 45 S UT 60 S	UT-PE-005, R1	X	-	-	-	-	-	ID RADIUS GEOMETRY.
B-D B3.90	CH-NC	A-2	009600	UT 0 UT 45 S UT 60 S	UT-PE-005, R1	X	-	-	-	-	-	ID RADIUS GEOMETRY AND NON-GEOMETRIC WELD INDICATION (ACCEPTABLE).
<u>NOZZLE INSIDE RAD. SECTION</u>												
B-D B3.100	CH-NA-IRS	A-2	009700	UT	UT-PE-004, R1	X	-	-	-	-	-	
B-D B3.100	CH-NC-IRS	A-2	009900	UT	UT-PE-004, R1	X	-	-	-	-	-	
<u>NOZZLE-TO-FLANGE WELDS</u>												
B-J B9.11	N-A-1 NOZZLE TO FLANGE	A-2	010000	MT UT 45 S	SWI-18, R4 UT-PR-002, R4	X	-	-	-	-	-	
B-G-2 B7.50	N-A-1FB FLANGE BOLTING	A-2	010300	VT-1	SWI-38, R2	X	-	-	-	-	-	
<u>BOLTING</u>												
B-G-1 B6.20	CH STUDS, NOS. 1-92 IN PLACE	A-2	010700	UT 0	UT-PE-007, R3	-	-	X	-	-	-	OUTSIDE SURFACE GEOMETRIC REFLECTORS DUE TO MODE CONVERSION. EXAMINED STUDS NUMBERS 2 THRU 12, AND 73 THRU 92.
B-G-1 B6.10	CH NUTS, NOS. 1 - 92 CLOSURE HEAD NUTS	A-2	010800	UT 0	UT-PE-009, R0	X	-	-	-	-	-	EXAMINED NUTS #1 TO #30 AND #91.

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REACTOR PRESSURE VESSEL CLOSURE HEAD

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR OE GT E R CE HP EO CE O C R M R R	REMARKS
B-G-1 B6.50	<u>BOLTING</u> CH WASHERS, LARGE	A-2	010900	VT-1	SWI-38, R2	X - - - -	
B-G-1 B6.50	CH WASHERS, SMALL	A-2	011000	VT-1	SWI-38, R2	X - - - -	
B-G-1 B6.50	BUSHINGS	A-2	011100	VT-1	SWI-38, R2	X - - - -	EXAMINED BUSHINGS NUMBERS 67 THRU 72.

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REACTOR PRESSURE VESSEL LOWER HEAD

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P T C C R O C R M R R	REMARKS
B-0 B14.10	CRD HOUSINGS CTRL ROD DRV HSINGS	A-2	011200	PT	SWI-6, R7	X - - - -	EXAMINED CRD #3.
B-G-2 B7.80	CONTROL ROD DRIVE HOUSINGS CRD HOUSING BOLTING		011202	VT-1	SWI-38, REV 2	X - - - -	EXAMINED BOLTS FOR THE EXCHANGE OF 69 CRD'S.

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REACTOR PRESSURE VESSEL INTERIOR

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OE RC EO C	OR GT EH OE M	REMARKS
	<u>JET PUMP NO 1</u>							
B-N-1	ALL COMPONENTS	C-3	011204	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5 C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011206	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5 C-6						
	<u>JET PUMP NO 2</u>							
B-N-1	ALL COMPONENTS	C-3	011208	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5 C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011210	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5 C-6						
	<u>JET PUMP NO 3</u>							
B-N-1	ALL COMPONENTS	C-3	011212	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5 C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011214	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5 C-6						
	<u>JET PUMP NO 4</u>							
B-N-1	ALL COMPONENTS	C-3	011216	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5 C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011218	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5 C-6						

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<u>JET PUMP NO 5</u>								
B-N-1	ALL COMPONENTS	C-3	011220	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011222	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5						
		C-6						
<u>JET PUMP NO 6</u>								
B-N-1	ALL COMPONENTS	C-3	011224	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011226	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5						
		C-6						
<u>JET PUMP NO 7</u>								
B-N-1	ALL COMPONENTS	C-3	011228	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011230	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5						
		C-6						
<u>JET PUMP NO 8</u>								
B-N-1	ALL COMPONENTS	C-3	011232	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011234	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5						
		C-6						

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<u>JET PUMP NO 9</u>								
B-N-1	ALL COMPONENTS	C-3	011236	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
<u>JET PUMP NO 10</u>								
B-N-1	ALL COMPONENTS	C-3	011240	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
<u>JET PUMP NO 11</u>								
B-N-1	ALL COMPONENTS	C-3	011244	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
<u>JET PUMP NO 12</u>								
B-N-1	ALL COMPONENTS	C-3	011248	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
<u>JET PUMP NO 13</u>								
B-N-1	ALL COMPONENTS	C-3	011250	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						

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<u>JET PUMP NO 13</u>								
B-N-1	ALL COMPONENTS	C-3	011252	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011254	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5						
		C-6						
<u>JET PUMP NO 14</u>								
B-N-1	ALL COMPONENTS	C-3	011256	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011258	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5						
		C-6						
<u>JET PUMP NO 15</u>								
B-N-1	ALL COMPONENTS	C-3	011260	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011262	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5						
		C-6						
<u>JET PUMP NO 16</u>								
B-N-1	ALL COMPONENTS	C-3	011264	VT-3	SWI-41, R1	X	- - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5						
		C-6						
B-N-2	BRACE ARM/VESS WELD	C-4	011266	VT-1	SWI-41, R1	X	- - - -	
B13.20	SWI-41, C9.5	C-5						
		C-6						

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B-N-1	JET PUMP NO 17 ALL COMPONENTS	C-3	011268	VT-3	SWI-41, R1	X - - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5					
		C-6					
B-N-2	BRACE ARM/VESSEL WELD	C-4	011270	VT-1	SWI-41, R1	X - - - -	
B13.20	SWI-41, C9.5	C-5					
		C-6					
B-N-1	JET PUMP NO 18 ALL COMPONENTS	C-3	011272	VT-3	SWI-41, R1	X - - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5					
		C-6					
B-N-2	BRACE ARM/VESSEL WELD	C-4	011274	VT-1	SWI-41, R1	X - - - -	
B13.20	SWI-41, C9.5	C-5					
		C-6					
B-N-1	JET PUMP NO 19 ALL COMPONENTS	C-3	011276	VT-3	SWI-41, R1	X - - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5					
		C-6					
B-N-2	BRACE ARM/VESSEL WELD	C-4	011278	VT-1	SWI-41, R1	X - - - -	
B13.20	SWI-41, C9.5	C-5					
		C-6					
B-N-1	JET PUMP NO 20 ALL COMPONENTS	C-3	011280	VT-3	SWI-41, R1	X - - - -	
B13.10	SWI-41, C9.3 THRU C9.8	C-5					
		C-6					
B-N-2	BRACE ARM/VESSEL WELD	C-4	011282	VT-1	SWI-41, R1	X - - - -	
B13.20	SWI-41, C9.5	C-5					

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B-N-1 B13.10	SHROUD ANNULUS AREA SWI-41, C9.9	C-7	011290	VT-3	SWI-41, R1	- X - - -	SENSING LINES IDENTIFIED DURING 1985 OUTAGE WERE REPAIRED.
B-N-1 B13.10	TWO MANHOLE COVERS SWI-41, C9.9	C-8	011292	VT-3 UT 45 S UT 55 RL UT 65 RL	SWI-41, R1 UT-57, R3	X - - - - - - - - X - - - - X - - - - X	ULTRASONICALLY EXAMINED ON 1/27/88 PER GECO RECOMMENDATION, IDENTIFIED CRACKS ON 0 & 180 COVERS RE-EXAMINED ON 8/7/88 TO CONFIRM CRACKS WITH ADVANCED SYSTEM. CRACKS WERE CONFIRMED AND A REPAIR WAS PERFORMED. NEW BOLTED COVERS WERE INSTALLED.
B-N-1 B13.10	120 DEGREE AZIMUTH	E-2 E-4 E-6	011300	VT-3	SWI-41, R1	X - - - -	CORE SPRAY SPARGERS
B-N-1 B13.10	240 DEGREE AZIMUTH	E-2 E-4 E-6	011400	VT-3	SWI-41, R1	X - - - -	CORE SPRAY SPARGERS
B-N-1 B13.10	___CORE SPRAY SPARGER HDERS.____ 120 DEGREE AZIMUTH	E-2 E-4 E-6	011500	VT-3	SWI-41, R1	X - - - -	
B-N-1 B13.10	240 DEGREE AZIMUTH	E-2 E-4 E-6	011600	VT-3	SWI-41, R1	X - - - -	
B-N-1 B13.10	___CO.SPR.SPG.DWNCOM.SUP.PPG.____ 120 DEGREE AZIMUTH	E-2 E-4 E-6	011700	VT-3	SWI-41, R1	X - - - -	

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REACTOR PRESSURE VESSEL INTERIOR

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B-N-1 B13.10	CO. SPR. SPG. DWNCOM. SUP. PPG. --- 240 DEGREE AZIMUTH	E-2 E-4 E-6	011750	VT-3	SWI-41, R1	X - - - -	EXAMINED EXISTING REPAIR BRACKETS INSTALLED DURING PREVIOUS OUTAGE.
B-N-1 B13.10	CORE SPR. SPRG. HDR. BK. & WD. --- 120 DEGREE AZIMUTH	E-2 E-4 E-6	011800	VT-3	SWI-41, R1	- X - - -	EXAMINED EXISTING REPAIR BRACKETS INSTALLED DURING PREVIOUS OUTAGE.
B-N-1 B13.10	240 DEGREE AZIMUTH	E-2 E-4 E-6	011900	VT-3	SWI-41, R1	- X - - -	EXAMINED EXISTING REPAIR BRACKETS INSTALLED DURING PREVIOUS OUTAGE.
B-N-1 B13.10	GUIDE ROD 0 DEGREE AZIMUTH --- ALL COMPONENTS SWI-41, B9.3	B-2	011902	VT-3	SWI-41, R1	X - - - -	
B-N-2 B13.21	UP BRACKET/VESS WELD SWI-41, 9.3	B-2	011904	VT-3	SWI-41, R1	X - - - -	
B-N-2 B13.21	LR BRACKET/VESS WELD SWI-41, B9.3	B-2	011906	VT-3	SWI-41, R1	X - - - -	
B-N-1 B13.10	GUIDE ROD 180 DEGREE AZ --- ALL COMPONENTS SWI-41, B9.3	B-2	011908	VT-3	SWI-41, R1	X - - - -	
B-N-2 B13.21	UP BRACKET/VESS WELD SWI-41, B9.3	B-2	011910	VT-3	SWI-41, R1	X - - - -	

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ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-N-2 B13.21	GUIDE ROD 180 DEGREE AZ LR BRACKET/VESS WELD SWI-41, B9.3	B-2	011912	VT-3	SWI-41, R1	X - - - -	
B-N-1 B13.10	FEEDWATER SPARGER 30 AZ ALL COMPONENTS SWI-41, B9.4	B-3	011914	VT-3	SWI-41, R1	X - - - -	
B-N-2 B13.21	END BRACKT/VESS WELD SWI-41, B9.4	B-3	011916	VT-3	SWI-41, R1	X - - - -	
B-N-1 B13.10	FEEDWATER SPARGER 90 AZ ALL COMPONENTS SWI-41, B9.4	B-3	011918	VT-3	SWI-41, R1	- X - - -	DEFORMATION, ACCEPTABLE.
B-N-2 B13.21	END BRACKT/VESS WELD SWI-41, B9.4	B-3	011920	VT-3	SWI-41, R1	X - - - -	
B-N-1 B13.10	FEEDWATER SPARGER 150 AZ ALL COMPONENTS SWI-41, B9.4	B-3	011922	VT-3	SWI-41, R1	X - - - -	
B-N-2 B13.21	END BRACKT/VESS WELD SWI-41, B9.4	B-3	011924	VT-3	SWI-41, R1	X - - - -	
B-N-1 B13.10	FEEDWATER SPARGER 210 AZ ALL COMPONENTS SWI-41, B9.4	B-3	011926	VT-3	SWI-41, R1	X - - - -	

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B-N-2 B13.21	<u>FEEDWATER SPARGER 210 AZ</u> END BRACKT/VESS WELD SWI-41, B9.4	B-3	011928	VT-3	SWI-41, R1	X	-	- - -	
B-N-1 B13.10	<u>FEEDWATER SPARGER 270 AZ</u> ALL COMPONENTS SWI-41, B9.4	B-3	011930	VT-3	SWI-41, R1	X	-	- - -	
B-N-2 B13.21	END BRACKT/VESS WELD SWI-41, B9.4	B-3	011932	VT-3	SWI-41, R1	X	-	- - -	
B-N-1 B13.10	<u>FEEDWATER SPARGER 330 AZ</u> ALL COMPONENTS SWI-41, B9.4	B-3	011934	VT-3	SWI-41, R1	X	-	- - -	
B-N-2 B13.21	END BRACKT/VESS WELD SWI-41, B9.4	B-3	011936	VT-3	SWI-41, R1	X	-	- - -	
0619 NUREG	<u>FEEDWATER SPARGER</u> NOZZ ATTACHMENT WELD	B-3	011937	VT-3	SWI-41, R1	X	-	- - -	
B-N-1 B13.10	<u>TOP CORE GUIDE</u> SWI-41, B9.5	B-5	011938	VT-3	SWI-41, R1	X	-	- - -	

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<u>SURVEIL SAM HOLDER 30 AZ</u>							
B-N-1 B13.10	ALL COMPONENTS SWI-41, B9.6	B-5	011940	VT-3	SWI-41, R1	X - - - -	
B-N-2 B13.20	UP BRACKET/VESS WELD SWI-41, B9.6	B-5	011942	VT-3	SWI-41, R1	X - - - -	
B-N-2 B13.20	LR BRACKET/VESS WELD SWI-41, B9.6	B-5	011944	VT-3	SWI-41, R1	X - - - -	
<u>SURVEIL SAM HOLDER 120 AZ</u>							
B-N-1 B13.10	ALL COMPONENTS SWI-41, B9.6	B-6	011946	VT-3	SWI-41, R1	X - - - -	
B-N-2 B13.20	UP BRACKET/VESS WELD SWI-41, B9.6	B-6	011948	VT-3	SWI-41, R1	X - - - -	
B-N-2 B13.20	LR BRACKET/VESS WELD SWI-41, B9.6	B-6	011950	VT-3	SWI-41, R1	X - - - -	
<u>SURVEIL SAM HOLDER 300 AZ</u>							
B-N-1 B13.10	ALL COMPONENTS SWI-41, B9.6	E-6	011952	VT-3	SWI-41, R1	X - - - -	
B-N-2 B13.20	UP BRACKET/VESS WELD SWI-41, B9.6	B-6	011954	VT-3	SWI-41, R1	X - - - -	

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B-N-2 B13.20	<u>SURVEIL SAM HOLDER 300 AZ</u> LR BRACKET/VESSEL WELD SWI-41, B9.6	B-6	011956	VT-3	SWI-41, R1	X	- - - -	
B-N-1 B13.10	<u>SHROUD</u> TOP OF SHROUD AREA SWI-41, B9.7	B-8	011958	VT-3	SWI-41, R1	X	- - - -	

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MAIN STEAM

ASME
SEC. XI

CATGY	WELD NUMBER AND/OR
ITEM NO	EXAMINATION AREA IDENTIFICATION

FIGURE	SUMMARY	EXAM
NUMBER	NUMBER	METHOD

NDE USED
PROCEDURE NO.

NR OR
OEGTE
RCHEP
EOEO
CRMRR

REMARKS

B-J		1-A-7/ASD	A-3	016200 MT	SWI-18, R4	X - - - -	NO EXAM DOWNSTREAM DUE TO BRANCH CONNECTION CONFIGURATION.
B9.31	6-IN. BRANCH CONNECTION		A-4	UT 45 S UT 45T S	UT-PE-002, R5	X - - - - X - - - -	
B-J		1-A-7/ASF	A-3	017200 MT	SWI-18, R5	X - - - -	ID GEOMETRY. NO EXAM DOWNSTREAM DUE TO BRANCH CONNECTION CONFIGURATION.
B9.31	6-IN. BRANCH CONNECTION		A-4	UT 45 S UT 45T S	UT-PE-002, R5	- - X - - X - - - -	
B-J		1-A-8LU	A-3	017600 MT	SWI-18, R4	X - - - -	
B9.12	LONGITUDINAL SEAM UPSTREAM		A-4	UT 45 S UT 45T S	UT-PE-002, R4	X - - - - X - - - -	
B-J		1-A-8	A-3	017700 MT	SWI-18, R4	X - - - -	ID GEOMETRY.
B9.11	PIPE TO PIPE		A-4	UT 45 S UT 45T S	UT-PE-002, R4	- - X - - - - X - -	
B-J		1-A-8LD	A-3	017800 MT	SWI-18, R4	X - - - -	ID GEOMETRY.
B9.12	LONGITUDINAL SEAM DOWNSTREAM		A-4	UT 45 S UT 45T S	UT-PE-002, R4	- - X - - X - - - -	
B-G-2		AO-1-80A(PRB)	A-4	020650 VT-1	SWI-38, R2	X - - - -	
B7.70	INBOARD ISOLATION VLV BOLTING						
B-J		1-ASG-1	A-3	022700 MT	SWI-18, R4	X - - - -	
B9.11	BRANCH CONNECTION TO PIPE			UT 45 S UT 45T S	UT-PE-002, R4	X - - - - X - - - -	
B-G-2		1-ASD-2FB	A-3	023200 VT-1	SWI-38, R2	X - - - -	
B7.50	FLANGE BOLTING						
B-G-2		1-ASE-2FB	A-3	023300 VT-1	SWI-38, R2	X - - - -	
B7.50	FLANGE BOLTING						

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MAIN STREAM

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B-G-2 B7.50	SAFETY & RELIEF RISERS(AS) 1-ASF-2FB FLANGE BOLTING	A-3	023400	VT-1	SWI-38, R2	X - - - -	
B-K-1 B10.10	LOOP B HB3(IA) INTEGRAL ATTACHMENT	M2192	025100	MT	SWI-18, R5	X - - - -	
F-A,B,C F0.00	HB3 CONSTANT SPRING HANGER	M2192	025200	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	SSB6 SNUBBER	M2192	028200	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	SSB3 SNUBBER	M2192	030600	VT-3	SWI-38, R2	X - - - -	
B-J B9.12	1-B-11LUI LONG. SEAM UPSTRM, INSD ELBOW	A-5 A-6	032300	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - X - - - - X - - - -	
B-J B9.12	1-B-11LUO LONG. SEAM UPSTRM, OUTSD ELBOW	A-5 A-6	032400	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - X - - - - X - - - -	
B-J B9.11	1-B-11 ELBOW TO PIPE	A-5 A-6	032500	MT UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - - X X - - - - X - -	ROOT AND ID GEOMETRY, AND ACCEPTABLE NON-GEOMETRIC INDICATION.
B-J B9.12	1-B-11LD LONGITUDINAL SEAM DOWNSTREAM	A-5 A-6	032600	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - - - X - - X - - - -	ID GEOMETRY.

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B-K-1 B10.10	LOOP B GB-1(IA) INTEGRAL ATTACHMENT	M2192	034000	MT	SWI-18, R4	X - - - -	LIMITED EXAM DUE TO SUPPORT
F-A,B,C F0.00	GB-1 RESTRAINT	M2192	034100	VT-3	SWI-38, R2	X - - - -	
B-G-2 B7.70	AO-1-86B(PRB) VALVE BOLTING	A-6	035450	VT-1	SWI-38, R2	X - - - -	
B-J B9.11	SAFETY & RELIEF RISERS(BS) 1-BSA-1 BRANCH CONNECTION TO PIPE	A-5 A-6	035500	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - X - - - - X - - - -	
B-G-2 B7.50	1-BSA-2FB FLANGE BOLTING	A-5 A-6	040700	VT-1	SWI-38, R2	X - - - -	

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B-J B9.12	LOOP C 1-C-3LU LONGITUDINAL SEAM UPSTREAM	A-7 A-8	041600	MT UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - X - - - -	
B-J B9.11	1-C-3 PIPE TO ELBOW	A-7 A-8	041700	MT UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - X - - - -	
B-J B9.12	1-C-3LDI LONG. SEAM DWNSTRM, INSD ELBOW	A-7 A-8	041800	MT UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - X - - - -	
B-J B9.12	1-C-3LDO LONG. SEAM DWNSTRM, OUTSD ELBOW	A-7 A-8	041900	MT UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - X - - - -	
B-K-1 B10.10	GC-1(IA) INTEGRAL ATTACHMENT	M1R-3 -9	052100	MT	SWI-18, R4	X - - - -	
B-J B9.11	SAFETY & RELIEF RISERS(CS) 1-CSA-1 BRANCH CONNECTION TO PIPE	A-7 A-8	053400	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R4	X - - - - - - X - - X - - - -	ID AND OD GEOMETRY. NO EXAM UPSTREAM DUE TO BRANCH CONNECTION CONFIGURATION.
B-J B9.11	1-CSC-2 PIPE TO FLANGE	A-7 A-8	053900	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R4	X - - - - X - - - - X - - - -	NO EXAM DOWNSTREAM DUE TO FLANGE CONFIGURATION.
B-G-2 B7.50	1-CSA-2FB FLANGE BOLTING	A-7 A-8	054400	VT-1	SWI-38, R2	X - - - -	
B-M-2 B12.50	SAFETY & RELIEF RISERS(AS) RV-71J RELIEF VALVE		054750	VT-1 VT-3	SWI-38, R2	X - - - - X - - - -	

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B-G-2 B7.70	SAFETY & RELIEF RISERS(AS) RV-71J(PRB) RELIEF VALVE FLANGE BOLTING		054800	VT-1	SWI-38, REV.2	X - - - -	
B-K-1 B10.10	LOOP D HD1(IA) INTEGRAL ATTACHMENT	M1R-3 -9	056400	MT	SWI-18, R5	X - - - -	
F-A,B,C F0.00	HD1 SPRING HANGER	M1R-3 -9	056500	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
B-J B9.12	1-D-8LU LONGITUDINAL SEAM UPSTREAM	A-9 A-10	060800	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R4	X - - - - X - - - - X - - - -	
B-J B9.11	1-D-8 PIPE TO PIPE	A-9 A-10	060900	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R4	X - - - - X - - - - X - - - -	
B-J B9.12	1-D-8LD LONGITUDINAL SEAM DOWNSTREAM	A-9 A-10	061000	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R4	X - - - - X - - - - X - - - -	
B-M-2 B12.50	AO-1-80D INBOARD ISOLATION VALVE	A-10	064350	VT-3	SWI-38, R2	X - - - -	
B-G-2 B7.70	AO-1-80D(PKB) INBOARD ISOLATION VLV BOLTING	A-10	064370	VT-1	SWI-38, R2	X - - - -	
B-J B9.11	SAFETY & RELIEF RISERS(DS) 1-DSU-1 BRANCH CONNECTION TO PIPE	A-9	065900	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R4	X - - - - - - X - - X - - - -	ROOT AND OD GEOMETRY. NO EXAM UPSTREAM DUE TO BRANCH CONNECTION CONFIGURATION.

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B-M-2 B12.50	SAFETY & RELIEF RISERS(AS) RV-70B RELIEF VALVE	066850	VT-1 VT-3	SWI-38, R2	X - - - - X - - - -	
B-G-2 B7.70	RV-70B(PRB) RELIEF VALVE FLANGE BOLTING	066900	VT-1	SWI-38, R2	X - - - -	
B-G-2 B7.50	SAFETY & RELIEF RISERS(DS) 1-DSD-2FB FLANGE BOLTING	A-9 067000	VT-1	SWI-38, R2	X - - - -	

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B-F B5.10	SUCTION LOOP A 2-AS-19 NOZZLE TO SAFE END	A-11	090050	PT UT 0 UT 45 S UT 45T S UT 45 RL UT 60 RL UT 0	PT-14X, R9 UT-PE-001, R4 UT-PE-001, R4 S2, R1 UT-PE-002, R4	X - - - - X - - - - - - X - - - - X - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT, ID, CLAD, AND BUTTER INTERFACE.
B-J B9.11	2-AS-20 SAFE END TO PIPE BEND	A-11	090150	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.11	2-AS-21 PIPE BEND TO TEE	A-11	090250	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - - - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.11	2-AS-22 TEE TO PIPE	A-11	090350	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R3	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-K-1 B10.10	H1A(IA)R INTEGRAL ATTACHMENT	M2185	091550	PT	PT (SR) ASME III/XI, R5	- X - - -	BASLINE EXAMINATION. TWO 3/32" ROUND INDICATIONS (ACCEPTABLE).
F-A,B,C F0.00	H1A SPRING HANGER	M2185	091600	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION. NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
B-J B9.11	2-AS-23 PIPE TO PIPE BEND	A-11	091650	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.

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<u>SUCTION LOOP A</u>							
F-A,B,C E0.00	H2A CONSTANT SPRING HANGER	M2185	092300	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION. REMOVED, MODIFIED, AND RELOCATED DURING MOD 1536.
B-J B9.11	2-AS-24 PIPE BEND TO VALVE	A-11	092350	PT UT 0 UT 45 S UT 45T S UT 0	SWI-6, R7 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-M-2 B12.50	MO-2-43A WEDGE GATE VALVE	A-11	092700	VT-3	SWI-38, R2		
B-G-2 B7.70	MO-2-43A(PRB) VALVE BOLTING	A-11	092800	VT-1	SWI-38, R2	X - - - -	
B-J B9.11	2-AS-25 VALVE TO PIPE	A-11	092850	PT PT UT 0 UT 45 S UT 45T S UT 0	SWI-6, R6 PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.31	2-AS-25/CO PIPE TO WELDOLET	A-13	092950	PT UT 0 UT 45 S UT 45T S UT 60 S	PT (SR) ASME III/XI, R5 UT-PE-002, R4	X - - - - X - - - - X - - - - X - - - - - - X - -	BASLINE EXAMINATION. ID GEOMETRY.
B-J B9.32	2-AS-25/ASD 2" BRANCH CONNECTION	A-14	093200	PT	PT (SR) ASME III/XI, R5	X - - - -	BASLINE EXAMINATION.

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B-J B9.11	SUCTION LOOP A 2-AS-26 PIPE TO ELBOW	A-11	093250	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R3	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.11	2-AS-27 ELBOW TO PUMP	A-11	093350	PT UT 0 UT 45 S UT 45T S UT 45 RL	SWI-6, R7 UT-PE-002, R5 S2, R1	X - - - - X - - - - - - X - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, COUNTERBORE, AND OD GEOMETRY.
B-J B9.11	DISCHARGE LOOP A 2-AD-28 PUMP TO PIPE	A-11	093450	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.31	2-AD-28/CO PIPE TO WELDOLET	A-13	093625	PT UT 0 UT 45 S UT 45T S UT 50 S	PT (SR) ASME III/XI, R5 UT-PE-002, R4	X - - - - X - - - - - - X - - X - - - - - - X - -	BASLINE EXAMINATION. ID GEOMETRY.
B-J B9.11	2-AD-29 PIPE TO VALVE	A-11	093850	PT UT 0 UT 45 S UT 45T S UT 0	SWI-6, R6 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-M-2 B12.50	MO-2-53A WEDGE GATE VALVE	A-11	094800	VT-3	SWI-38, R2	X - - - -	

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B-G-2 B7.70	DISCHARGE LOOP A MO-2-53A(PRB) VALVE BOLTING	A-11	094850	VT-1	SWI-38, R2	X - - - -	BASELINE EXAMINATION.
F-A,B,C F0.00	H6A CONSTANT SPRING HANGER	M2185	094900	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASELINE EXAMINATION. NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
B-J B9.11	2-AD-30 VALVE TO ELBOW	A-11	095000	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.11	2-AD-31 ELBOW TO PIPE	A-11	095950	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY.
B-K-1 B10.10	H9A(IA)R INTEGRAL ATTACHMENT	M2185	096550	PT	PT (SR) ASME III/XI, R5	- X - - -	BASELINE EXAMINATION. THREE 5/64" ROUND INDICATIONS (ACCEPTABLE).
F-A,B,C F0.00	H9A SPRING HANGER	M2185	096600	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASELINE EXAMINATION. NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
B-J B9.11	2-AD-32 PIPE TO CROSS	A-11	096650	PT UT 0 UT 45 S UT 45T S UT 0 UT 45 S UT 45T S	PT-14X, R9 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - - X - - - - X - - - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM DOWNSTREAM DUE TO CROSS CONFIGURATION.
B-J B9.11	MANIFOLD LOOP A 2-AM-6 CROSS TO REDUCING TEE	A-11	098350	PT PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R9 PT-14X, R9 UT-PE-001, R5 UT-PE-002, R4	- - - X X X - - - - X - - - - - - X - - - - X - - X - - - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO CROSS CONFIGURATION.

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<u>MANIFOLD LOOP A</u>							
F-A,B,C F0.00	H11A SPRING HANGER	M2185	098780	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION. REMOVED, MODIFIED, AND REINSTALLED DURING MOD 1536.
B-J B9.11	2-AM-7 REDUCING TEE TO PIPE BEND	A-11	100950	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R9 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.11	2-AM-8 CROSS TO REDUCING TEE	A-11	101050	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R9 UT-PE-001, R5 UT-PE-002, R4	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO CROSS.
F-A,B,C F0.00	H10A SPRING HANGER	M2185	101800	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION. REMOVED, MODIFIED, AND REINSTALLED DURING MOD 1536.
B-J B9.11	2-AM-9 REDUCING TEE TO PIPE BEND	A-11	102150	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R9 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT, ID, AND OD GEOMETRY.
<u>RISER F LOOP A</u>							
B-J B9.11	2-AHF-6 PIPE BEND TO PIPE BEND	A-11	102250	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT, COUNTERBORE, ID, AND OD GEOMETRY.
B-J B9.11	2-AHF-7 PIPE BEND TO SAFE-END	A-11	102350	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, ID, AND OD GEOMETRY.

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B-F B5.10	<u> RISER F LOOP A </u> 2-AHF-8 SAFE END TO NOZZLE	A-11	102450	PT UT 0 UT 45 S UT 45T S UT 45 RL UT 60 RL	PT-14X, R9 UT-PE-001, R4 S2, R0	X - - - - X - - - - - - X - - - - X - - - - X - - - - X - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY, AND WELD INTERFACE.
B-J B9.11	<u> RISER G LOOP A </u> 2-AHG-6 REDUCING TEE TO PIPE BEND	A-11	102525	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASELINE EXAMINATION. ROOT, ID, AND OD GEOMETRY.
B-J B9.11	2-AHG-7 PIPE BEND TO SAFE-END	A-11	102650	PT UT 0 UT 45 S UT 45T S	PT-14X, R9 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY.
B-F B5.10	2-AHG-8 SAFE END TO NOZZLE	A-11	102750	PT PT UT 0 UT 45 S UT 45T S UT 45 RL UT 45T RL UT 60 RL UT 60T RL UT 0	PT-14X, R9 PT-14X, R9 UT-PE-001, R4 S2, R0 UT-PE-002, R4	X - - - - X - - - - - X - - - - - X - - - - X - - - - X - - - - X - - - - X - - X - - - -	BASELINE EXAMINATION. ADDITIONAL PT PERFORMED AFTER GRINDOUT OF RT INDICATIONS. ROOT, ID, AND WELD INTERFACE.
B-J B9.11	<u> RISER H LOOP A </u> 2-AHH-6 CROSS TO PIPE BEND	A-11	102850	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASELINE EXAMINATION. ROOT, COUNTERBORE, ID, AND OD GEOMETRY.

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ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-J B9.11	____ RISER H LOOP A ____ 2-AHH-7 PIPE BEND TO SAFE-END	A-11	102950	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASILINE EXAMINATION. ROOT, ID, AND OD GEOMETRY.
B-F B5.10	2-AHH-8 SAFE END TO NOZZLE	A-11	103050	PT UT 0 UT 45 S UT 45T S UT 45 RL UT 45T RL UT 60 RL UT 60T RL UT 0	PT-14X, R9 UT-PE-001, R4 S2, R1 UT-PE-002, R4	X - - - - X - - - - - - X - - - - X - - - - X - - - - X - - - - X - - X - - - -	BASILINE EXAMINATION. ROOT AND ID GEOMETRY, AND WELD INTERFACE.
B-J B9.11	____ RISER J LOOP A ____ 2-AHJ-6 REDUCING TEE TO PIPE BEND	A-11	103150	PT UT 0 UT 45 S UT 45T S	PT-14X, R9 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASILINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO REDUCING TEE.
B-J B9.11	2-AHJ-7 PIPE BEND TO SAFE-END	A-11	103250	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R9 UT-PE-001, R4 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASILINE EXAMINATION. ROOT AND ID GEOMETRY.
B-F B5.10	2-AHJ-8 SAFE END TO NOZZLE	A-11	103350	PT UT 0 UT 45 S UT 45T S UT 45 RL UT 60 RL UT 60T RL UT 0	PT-14X, R8 UT-PE-001, R4 S2, R0 UT-PE-002, R4	X - - - - X - - - - - - X - - - - X - - - - X - - - - X - - - - X - - X - - - -	BASILINE EXAMINATION. ROOT, ID, AND CLAD GEOMETRY.

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B-J B9.11	<u>RISER K LOOP A</u> 2-AHK-6 PIPE BEND TO PIPE BEND	A-11	103450	PT PT UT 0 UT 45 S UT 45T S	PT-14X, R10 SWI-6, R6 UT-PE-001, R5	X - - - - X - - - - X - - - - - - X - - - - X - -	BASILINE EXAMINATION. ROOT, OD, AND ID GEOMETRY.
B-J B9.11	2-AHK-7 PIPE BEND TO SAFE-END	A-11	103550	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASILINE EXAMINATION. ROOT AND ID GEOMETRY.
B-F B5.10	2-AHK-8 SAFE END TO NOZZLE	A-11	103650	PT UT 0 UT 45 S UT 45T S UT 45 RL UT 45T RL UT 60 RL UT 60T RL UT 0	PT-14X, R9 UT-PE-001, R4 S2, R1 UT-PE-002, R4	X - - - - - X - - - - - X - - - - X - - - - X - - - - X - - - - X - - X - - - -	BASILINE EXAMINATION. ROOT AND ID GEOMETRY, CLAD AND WELD INTERFACE. ACCEPTABLE NON-GEOMETRIC INDICATIONS.
B-J B9.40	<u>2" DRAIN LINE</u> 2-ASD-9 BRANCH CONNECTION TO PIPE	A-14	108515	PT	PT-14X, R10	X - - - -	BASILINE EXAMINATION.
B-J B9.40	2-ASD-10 PIPE TO ELBOW	A-14	108525	PT	PT-14X, R10	X - - - -	BASILINE EXAMINATION.
B-J B9.40	2-ASD-11 ELBOW TO PIPE	A-14	108535	PT	PT-14X, R10	X - - - -	BASILINE EXAMINATION.

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MAIN RECIRCULATION LOOP A

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-J B9.40	2" DRAIN LINE 2-ASD-12 PIPE TO ELBOW	A-14	108545	PT	PT-14X, R10	X - - - -	BASELINE EXAMINATION.
B-J B9.40	2-ASD-13 ELBOW TO PIPE	A-14	108555	PT	PT-14X, R10	X - - - -	BASELINE EXAMINATION.
B-J B9.40	2-ASD-14 PIPE TO VALVE	A-14	108562	PT	PT-14X, R10	X - - - -	BASELINE EXAMINATION.
B-J B9.40	2-ASD-15 VALVE TO PIPE	A-14	108568	PT	PT-14X, R10	X - - - -	BASELINE EXAMINATION.
F-A,B,C F0.00	PG-11A-A RIGID SUPPORT	A-14	108575	VT-3	SWI-38, R2	X - - - -	
B-J B9.40	2-ASD-16 PIPE TO VALVE	A-14	108582	PT	PT-14X, R10	X - - - -	BASELINE EXAMINATION.
B-J B9.11	4" CLEAN OUT LINE SUCTION 2-AS-25/CO-1 WELDOLET TO PIPE	A-13	108605	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R4 UT-PE-002, R4	X - - - - X - - - - - - X - - X - - - -	BASELINE EXAMINATION. TEMP ID #55. ID AND OD GEOMETRY. NO EXAM UPSTREAM DUE TO WELDOLET CONFIGURATION.
B-J B9.11	2-AS-25/CO-2 PIPE TO FLANGE	A-13	108610	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R4 UT-PE-002, R4	X - - - - X - - - - - - X - - X - - - -	BASELINE EXAMINATION. TEMP ID #56. ROOT, ID, AND OD GEOMETRY. NO EXAM DOWNSTREAM DUE TO FLANGE CONFIGURATION.

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ASME SEC. XI CATGY		WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION		FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OE RC EO CR	OR GT EH OE MR	REMARKS
B-G-2 B7.70		4" CLEAN OUT LINE SUCTION 2-AS-25/CO-2FB FLANGE BOLTING		A-13	108612	VT-1	SWI-38, R2	X	- - - -	
B-J B9.11		4" CLEAN OUT LINE DISCHARG 2-AD-28/CO-1 WELDOLET TO PIPE		A-13	108615	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R4 UT-PE-002, R4	X X - X	- - X -	BASLINE EXAMINATION. TEMP WELD ID #61. OD GEOMETRY. NO EXAM UPSTREAM DUE TO WELDOLET CONFIGURATION.
B-J B9.11		2-AD-28/CO-2 PIPE TO FLANGE		A-13	108620	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R4	X X - -	- - X X	BASLINE EXAMINATION. TEMP ID #62. OD GEOMETRY. NO EXAM DOWNSTREAM DUE TO FLANGE CONFIGURATION.
B-G-2 B7.70		2-AD-28/CO-2FB FLANGE BOLTING		A-13	108630	VT-1	SWI-38, R2	X	- - - -	

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ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	MR OR OBJECT RECEIVED BOOK NO CRM RR	REMARKS
B-F B5.10	__SUCTION LOOP B__ 2-BS-18 NOZZLE TO SAFE END	A-12	108650	PT UT 0 UT 45 S UT 45T S UT 45 PL UT 45T SL UT 60 RL UT 60T RL UT 0	PT-14X, R9 UT-PE-001, R4 S2, R1 UT-PE-002, R4	X - - - - X - - - - - X - - - - X - - - - X - - - - X - - - - X - - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY, CLAD AND WELD INTERFACE.
B-J B9.11	2-BS-19 SAFE END TO PIPE BEND	A-12	108750	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5 	X - - - - X - - - - - X - - - - X - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.11	2-BS-19A PIPE BEND TO PIPE	A-12	108770	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5 	- X - - - X - - - - - X - - - - X - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY, WELD INTERFACE.
B-J B9.11	2-BS-20 PIPE BEND TO PIPE	A-12	108850	PT UT 0 UT 45 S UT 45T S	PT-14X, R9 UT-PE-001, R5 	X - - - - X - - - - - X - - - - X - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-K-1 B10.10	H1B(IA)R INTEGRAL ATTACHMENT	M2186	110050	PT	PT (SR) ACME 111/X1, R5	- X - - -	BASLINE EXAMINATION. ONE 5/64" ROUND INDICATION (ACCEPTABLE).
F-A,B,C F0.00	H1B SPRING HANGER	M2186	110100	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION. NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
B-J B9.11	2-BS-21 PIPE TO PIPE BEND	A-12	110200	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - X - - - - X - - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.

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<u>SUCTION LOOP B</u>							
F-A,B,C F0.00	H2B CONSTANT SPRING HANGER	M2186	110803	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION. REMOVED, MODIFIED, AND RELOCATED DURING MOD 1536.
B-J B9.11	2-BS-22 PIPE BEND TO VALVE	A-12	110850	PT UT 0 UT 45 S PT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.
B-M-2 B2.50	MO-2-43B WEDGE GATE VALVE	A-12	111200	VT-3	SWI-38, R2	X - - - -	
B-G-2 B7.70	MO-2-43B(PRB) VALVE BOLTING	A-12	111300	VT-1	SWI-38, R2	X - - - -	BASLINE EXAMINATION.
B-J B9.11	2-BS-23 VALVE TO PIPE	A-12	111400	PT UT 0 UT 45 S UT 45T S UT 0 UT 45 S UT 45T S	SWI-6, R7 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - - X - - - - X - - - -	BASLINE EXAMINATION. ROOT, ID, AND OD GEOMETRY. NO EXAM UPSTREAM DUE TO VALVE CONFIGURATION.
B-J B9.31	2-BS-23/CO PIPE TO WELDOLET	A-13	111450	PT UT 0 UT 45 S UT 45T S UT 80 S UT 60T S	PT (SR) ASME III/XI, R5 UT-PE-002, R4	- X - - - X - - - - X - - - - X - - - - - - X - - X - - - -	BASLINE EXAMINATION. TEMP ID #57. PT -ONE 3/32" ROUND (ACCEPTABLE). ID GEOMETRY. NO EXAM DOWNSTREAM DUE TO WELDOLET CONFIGURATION.
B-J B9.32	2-BS-23/BSO 2" BRANCH CONNECTION	A-12	111925	PT	PT (SR) ASME III/XI, R5	X - - - -	BASLINE EXAMINATION.

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ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OE RC EO CR	OR GT EN OE MR	REMARKS
B-J B9.11	SUCTION LOOP B 2-B5-24 PIPE TO ELBOW	A-12	111250	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R3	X X - -	- - X X	BASILINE EXAMINATION. ID AND ROOT GEOMETRY.
B-J B9.11	2-B5-25 ELBOW TO PUMP	A-12	112050	PT UT 0 UT 45 S UT 45T S UT 45 RL UT 45T RL UT 0	SWI-C, R6 UT-PE-001, R5 S2, R1 UT-PE-002, R5	X X - - - - X	- - X X X X -	BASILINE EXAMINATION. ROOT, ID, AND OD GEOMETRY. NO EXAM DOWNSTREAM DUE TO PUMP CONFIGURATION.
B-J B9.11	DISCHARGE LOOP B 2-BD-26 PUMP TO PIPE	A-12	112850	PT UT 0 UT 45 S UT 45T S UT 0	PT-34X, R10 UT-PE-001, R5 UT-PE-002, R5	X X - - X	- - X X -	BASILINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO PUMP CONFIGURATION. A PTINDICATION WAS FOUND DURING FAB OF WELD (PUMP SIDE). IT WAS PARTIALLY REMOVED AND A FRACTURE MECHANICS EVALUATION PERFORMED, #AEI-PECO-8809-DR-001.
B-J B9.31	2-BD-26/CO PIPE TO WELDOLET	A-13	1 2950	PT UT 0 UT 45 S UT 45T S UT 60 S UT 60T S	PT (SR) ASME III/XI, R5 UT-PE-002, R4	X X X - - X	- - - X X -	BASILINE EXAMINATION. TEMP ID #63. ID GEOMETRY. NO EXAM DOWNSTREAM DUE TO WELDOLET CONFIGURATION.
B-J B9.11	2-BD-27 PIPE TO VALVE	A-12	113250	PT UT 0 UT 45 S UT 45T S UT 0	SWI-C, R6 UT-PE-001, R5 UT-PE-002, R5	X X - - X	- - X X -	BASILINE EXAMINATION. ROOT, ID, AND OD GEOMETRY. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.

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B-M-2 B12.50	DISCHARGE LOOP B MO-2-53B WEDGE GATE VALVE	A-12	113300	VT-3	SWI-38, R2	X - - - -	
B-G-2 B7.70	MO-2-53B(PRB) VALVE BOLTING	A-12	113490	VT-1	SWI-38, R2	X - - - -	
F-A,B,C F0.00	H6B CONSTANT SPRING HANGER	M2186	113700	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION. NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
B-J B9.11	2-BD-28 VALVE TO ELBOW	A-12	113750	PT UT 0 UT 45 F UT 45T S UT 0 UT 45 S	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - - X - - - -	BASLINE EXAMINATION. ROOT, ID, AND OD GEOMETRY. NO EXAM UPSTREAM DUE TO VALVE CONFIGURATION.
B-J B9.11	2-BD-29 ELBOW TO PIPE	A-12	114450	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-K-1 B10.10	H9B(1A)R INTEGRAL ATTACHMENT	M2186	115050	PT	PT (SE) ASME 1/2/X1, R5	- X - - -	BASLINE EXAMINATION. ONE 5/64" ROUND INDICATION (ACCEPTABLE).
F-A,B,C F0.00	H9B SPRING HANGER	M2186	115100	VT 3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION. NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
B-J B9.11	2-BD-30 PIPE TO CROSS	A-12	115205	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R9 UT-PE-001, R5 UT-PE-002	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM DOWNSTREAM DUE TO CROSS CONFIGURATION.

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<u>MANIFOLD LOOP B</u>							
B-J B9.11	2-BM-6 CROSS TO REDUCING TEE	A-12	116856	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R9 UT-PE-531, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO CROSS CONFIGURATION.
F-A,B,C F0.00	H11B SPRING HANGER	M2186	117200	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION. REMOVED, MODIFIED, AND REINSTALLED DURING MOD 1536.
B-J B9.11	2-BM-7 REDUCING TEE TO PIPE BEND	A-12	118990	PT UT 0 UT 45 S UT 45T S	PT-14X, R9 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.11	2-BM-8 CROSS TO REDUCING TEE	A-12	120150	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R9 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO CROSS CONFIGURATION.
F-A,B,C F0.00	H10B SPRING HANGER	M2186	120800	VT-3 VT-4	SWI-35, R2	X - - - - X - - - -	BASLINE EXAMINATION. REMOVED, MODIFIED, AND REINSTALLED DURING MOD 1536.
B-J B9.11	2-BM-9 REDUCING TO PIPE BEND	A-12	121150	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R9 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT, ID, AND OD GEOMETRY.
<u>RISER A LOOP B</u>							
B-J B9.11	2-BHA-6 PIPE BEND TO PIPE BEND	A-12	121345	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, COUNTERBORE, AND ID GEOMETRY.

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B-J B9.11	<u>RISER A LOOP B</u> 2-BHA-7 PIPE BEND TO SAFE-END	A-12	121350	PT UT 0 UT 45 S UT 45T G	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, COUNTERBORE, ID, AND OD GEOMETRY.
B-F B5.10	2-BHA-8 SAFE END TO NOZZLE	A-12	121450	PT UT 0 UT 45 S UT 45T S UT 45 RL UT 45T RL UT 60 RL UT 60T RL UT 0	PT-14X, R9 UT-PE-001, R4 S2, R1 UT-PE-002, R4	X - - - - X - - - - - - X - - - - X - - - - X - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY, CLAD AND WELD INTERFACE.
B-J B9.11	<u>RISER B LOOP B</u> 2-BHB-6 REDUCING TEE TO PIPE BEND	A-12	122150	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO TEE CONFIGURATION.
B-J B9.11	2-BHB-7 PIPE BEND TO SAFE-END	A-12	122250	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	- X - - - X - - - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-F B5.10	2-BHB-8 SAFE END TO NOZZLE	A-12	122350	PT UT 0 UT 45 S UT 45T S UT 45 RL UT 45T RL UT 60 RL UT 60T RL UT 0	PT-14X, R9 UT-PE-001, R4 S2, R6 UT-PE-002, R4	X - - - - X - - - - - - X - - - - X - - - - X - - - - X - - - - X - - - - X - - - X - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY, CLAD AND WELD INTERFACE, LAMINATION.

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ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-J B9.11	<u>RISER C LOOP B</u> 2-BHC-6 CROSS TO PIPE BEND	A-12	123350	PT UT 0 UT 45 S UT 45T S UT 6	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO CROSS CONFIGURATION.
B-J B9.11	2-BHC-7 PIPE BEND TO SAFE-END	A-12	123450	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ID, OD, ROOT, AND COUNTERBORE GEOMETRY.
B-F B5.10	2-BHC-8 SAFE END TO NOZZLE	A-12	123550	PT UT 0 UT 45 S UT 45T S UT 45 RL UT 45T RL UT 60 RL UT 60T RL UT 0	PT-14X, R9 UT-PE-001, R4 S2, R1 UT-PE-002, R4	X - - - - X - - - - - X X - - - - X - - - - X - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY, CLAD AND WELD INTERFACE, NON-GEOMETRIC INDICATION (ACCEPTABLE).
B-J B9.11	<u>RISER D LOOP B</u> 2-BHD-6 REDUCING TEE TO PIPE BEND	A-12	124650	PT UT 0 UT 45 S UT 45T S	PT-14X, R9 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, ID, AND COUNTERBORE GEOMETRY.
B-J B9.11	2-BHD-7 PIPE BEND TO SAFE-END	A-12	124750	PT UT 0 UT 45 S UT 45T S	PT-14X, R9 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, ID, AND OD GEOMETRY.
B-F B5.10	2-BHD-8 SAFE END TO NOZZLE	A-12	124850	PT UT 0 UT 45 S UT 45T S UT 45 RL UT 45T RL UT 60 RL UT 60T RL UT 0	PT-14X, R8 UT-PE-001, R4 S2, R0 UT-PE-002, R4	X - - - - - - X - - - - X - - - - X - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY, CLAD AND WELD INTERFACE.

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MAIN RECIRCULATION

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR OE GT E RC EH P E O O E O C R M R R	REMARKS
B-J B9.11	<u>RISER E LOOP B</u> 2-BHE-6 PIPE BEND TO PIPE BEND	A-12	125256	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, COUNTERBORE, ID, AND OD GEOMETRY.
B-J B9.11	2-BHE-7 PIPE BEND TO SAFE-END	A-12	126060	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-F B5.10	2-BHE-8 SAFE END TO NOZZLE	A-12	122150	PT PT UT 0 UT 45 S UT 45T S UT 45 RL UT 45T RL UT 60 RL UT 60T RL UT 0	PT-14X, R9 PT-14X, R9 UT-PE-001, R4 SE, R1	- X - - X X - - - - - X - - - - - X - - - - X - - - - X - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY, CLAD AND WELD INTERFACE.
B-J B9.40	<u>2" DRAIN LINE/'B' LOOP</u> 2-BSD-9 BRANCH CONNECTION TO PIPE	A-15	127350	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	2-BSD-10 PIPE TO ELBOW	A-15	127450	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	2-BSD-11 ELBOW TO PIPE	A-15	127550	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.

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MAIN RECIRCULATION

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-J B9.40	2" DRAIN LINE/'B' LOOP 2-BSD-12 PIPE TO ELBOW	A-15	127650	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	2-BSD-13 ELBOW TO PIPE	A-15	127750	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	2-BSD-14 PIPE TO VALVE	A-15	127825	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	2-BSD-15 VALVE TO PIPE	A-15	127950	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
F-A,B,C F0.00	PG-11A-B RIDGID SUPPORT	A-15	127990	VI-3	SWI-38, R2	X - - - -	
B-J B9.40	2-BSD-16 PIPE TO VALVE	A-15	128050	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.11	4" CLEAN OUT LINE SUCTION 2-BS-23/CO-1 WELDOLET TO PIPE	A-13	128210	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R4 UT-PE-002, R4	X - - - - X - - - - - - X - - X - - - -	BASLINE EXAMINATION. TEMP ID #58. ROOT, ID, AND OD GEOMETRY. NO EXAM UPSTREAM DUE TO BRANCH CONNECTION CONFIGURATION.
B-J B9.11	2-BS-23/CO-2 PIPE TO FLANGE	A-13	128220	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R4 UT-PE-002, R4	X - - - - X - - - - - - X - - X - - - -	BASLINE EXAMINATION. TEMP ID #59. ROOT, ID, AND OD GEOMETRY. NO EXAM DOWNSTREAM DUE TO FLANGE CONFIGURATION.

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MAIN RECIRCULATION LOOP B

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-G-2 B7.70	4" CLEAN OUT LINE SUCTION 2-BD-23/CO-2FB FLANGE BOLTING	A-13	123225	VT-1	SWI-38, R2	X - - - -	
B-J B9.11	4" CLEAN OUT LINE DISCHARG 2-BD-26/CO-1 WELDOLET TO PIPE	A-13	128230	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R4 UT-PE-002, R4	X - - - - X - - - - - - X - - X - - - -	BASLINE EXAMINATION. TEMP ID #64. ROOT, ID, AND OD GEOMETRY. NO EXAM UPSTREAM DUE TO BRANCH CONNECTION CONFIGURATION.
B-J B9.11	2-BD-26/CO-2 PIPE TO FLANGE	A-13	123240	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R4 UT-PE-002, R4	X - - - - X - - - - - - X - - X - - - -	BASLINE EXAMINATION. TEMP ID #65. ROOT, ID, AND OD GEOMETRY. NO EXAM DOWNSTREAM DUE TO FLANGE CONFIGURATION.
B-G-2 B7.70	2-BD-26/CO-2FB FLANGE	A-13	128250	VT-1	SWI-38, R2	X - - - -	

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CONTROL ROD DRIVE HYDRAULIC RETURN

ASME						N R O R	
SEC. XI						O E G T E	
CATGY	WELD NUMBER AND/OR	FIGURE SUMMARY	EXAM	NDE USED		R C E H P	
ITEM NO	EXAMINATION AREA IDENTIFICATION	NUMBER NUMBER	METHOD	PROCEDURE NO.		E O O E O	REMARKS
						C R M R R	
B-F	IN	A-19	129305 PT	PT-14X, R10	X	- - - -	BASELINE EXAMINATION. ROOT AND ID
B5.10	3-I-20		UT 0	UT-PE-002, R5	X	- - - -	GEOMETRY.
	NOZZLE TO CAP		UT 45 S	S2, R1	-	- X - -	
			UT 45T S		X	- - - -	
			UT 45 RL		-	- X - -	
			UT 45T RL		X	- - - -	
			UT 70 RL		-	- X - -	

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REACTOR PRESSURE VESSEL

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR OEGTE RCEHP EOOE C R M R R	REMARKS
B-J B9.40	2 INCH BOTTOM HEAD DRAIN 4-RD-1A PIPE TO NIPPOLET	A-40	128315	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-2A PIPE TO PIPE	A-40	128325	PT	SWI-6, R7	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-3A ELBOW TO PIPE	A-40	128335	PT	SWI-6, R7	X - - - -	BASLINE EXAMINATION.
F-A-B-C F0.00	PH-88 SPRING HANGER		128430	VT-3 VT-4	SWI-38, R2	X - - - - - - - - -	
B-J B9.40	4-RD-14 COUPLING TO PIPE	A-40	128460	PT	SWI-6, R7	X - - - -	BASLINE EXAMINATION.
F-A,B,C F0.00	4DCN-S97 RESTRAINT	CB 350	128485	VT-3	SWI-38, R2	X - - - -	SNIF #018, ACCEPTABLE.
B-J B9.40	4-RD-43 VALVE TO PIPE	A-40	128495	PT	SWI-6, R7	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-44 PIPE TO VALVE	A-40	128515	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-45 COUPLING TO PIPE	A-41	128525	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.

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REACTOR PRESSURE VESSEL

ASME SEC. XI CATGY		WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION		FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N B O R O E G T E R C E H P E O O E O C R M R R	REMARKS
<hr/>									
B-J B9.40	2 INCH BOTTOM HEAD DRAIN 4-RD-46 PIPE TO COUPLING			A-41	128535	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-47 TEE TO PIPE			A-41	128545	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-48 TEE TO PIPE			A-41	128555	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-49 PIPE TO VALVE			A-41	128565	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-50 VALVE TO PIPE			A-41	128575	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-51 PIPE TO VALVE			A-41	128585	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-52 PIPE TO TEE			A-41	128592	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-53 COUPLING TO PIPE			A-41	128595	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-54 PIPE TO COUPLING			A-41	128605	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.

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REACTOR PRESSURE VESSEL

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR OE GT E R CE HP E OO EO C R M R R	REMARKS
	<u>2 INCH BOTTOM HEAD DRAIN</u>						
B-J B9.21	4-RD-55 PIPE TO PIPE	A-41	128615	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-F B5.140	4-RD-56 PIPE TO PIPE	A-41	128625	PT	PT-14X, R10	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-57 COUPLING TO PIPE	A-41	128635	PT	SWI-6, R7	X - - - -	BASLINE EXAMINATION.
B-J B9.40	4-RD-58 PIPE TO COUPLING	A-41	128645	PT	SWI-6, R7	X - - - -	BASLINE EXAMINATION.
F-A,B,C F0.00	4DCN-S45 RESTRAINT	CBI 350	128647	VT-3	SWI-30, R2	X - - - -	
B-J B9.40	4-RD-35 PIPE TO COUPLING	A-41	128730	PT	SWI-6, R7	X - - - -	
	<u>REACTOR INSTRUMENTATION</u>						
B-J B9.40	N16A-1 PIPE TO REDUCING COUPLING		128840	PT	SWI-6, R7	X - - - -	
B-J B9.40	N16B-1 PIPE TO REDUCING COUPLING		128860	PT	SWI-6, R7	X - - - -	

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FEEDWATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR OE GTE RC EHP EO OEO C R M R R	REMARKS
	MAINLINE LOOP A						
B-J B9.11	6-A-8 TEE TO PIPE	A-20	130296	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - - - X - - X - - - -	ROOT, ID, AND OD GEOMETRY.
F-A,B,C F0.00	N-9A PENETRATION	A-20	130375	VT-3	SWI-38, R2	X - - - -	
B-M-2 B12.50	CV-6-28A CHECK VALVE	A-20	130450	VT-3	SWI-38, R2	X - - - -	
B-G-2 B7.70	CV-6-28A(PRB) VALVE BOLTING	A-20	130476	VT-1	SWI-38, R2	X - - - -	
B-J B9.11	6-A-11 VALVE TO ELBOW	A-20	130500	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - - - X - - X - - - -	ROOT AND OD GEOMETRY.
B-M-2 B12.50	MO-6-29A VALVE	A-20	131250	VT-3	SWI-38, REV 2	X - - - -	
F-A,B,C F0.00	6DDNL-H39 SPRING SUPPORT	HISO 656	131500	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	RISER-LEG A LOOP A 6DDNL-H35 SPRING SUPPORT	HISO 656	132600	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
B-K-1 B10.10	6DDNL-H24(1A) INTEGRAL ATTACHMENT	A-21	132900	MT	SWI-18, R5	X - - - -	

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<u> RISER-LEG A LOOP A </u>							
F-A,B,C F0.00	6DDNL-H24 SPRING HANGER	A-21	133000	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
B-J B9.11	6-AA-6 PIPE TO PIPE	A-21	133200	MT UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - - - X - - X - - - -	COUNTERBORE GEOMETRY.
<u> RISER-LEG B LOOP A </u>							
B-J B9.11	6-AB-4 ELBOW TO PIPE	A-21	134200	MT UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - - - X - - X - - - -	ROOT GEOMETRY.
<u> RISER-LEG C LOOP A </u>							
B-J B9.11	6-AC-2 ELBOW TO PIPE	A-21	134600	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - - - X - - X - - - -	ROOT AND OD GEOMETRY.
F-A,B,C F0.00	6DDNL-S5 SNUBBER	HISO 686	134850	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	6DDNL-H26 SPRING HANGER	A-21	135000	VT-3 VF-4	SWI-38, R2	X - - - - X - - - -	
<u> START-UP RISER LOOP A </u>							
F-A,B,C F0.00	6DD-H62 SPRING HANGER	HISO 652	135905	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
B-M-2 B12.50	MO-6-38A GATE VALVE	A-22	135950	VT-3	SWI-38, R2	X - - - -	

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FEEDWATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O R G T E R C E H P E O O E O C R M R R	REMARKS
B-J B9.11	MAINLINE LOOP B 6-B-2 PIPE TO ELBCW	A-23	136200	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R4	X - - - - - - X - - X - - - -	ROOT, COUNTERBORE, AND CD GEOMETRY.
B-J B9.11	6-B-13 ELBOW TO PIPE	A-23	137700	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - - - X - - X - - - -	COUNTERBORE GEOMETRY.
B-M-2 B12.50	MO-6-29B GATE VALVE	A-23	137950	VT-3	SWI-38, R2	X - - - -	
B-K-1 B10.10	6DDNL-H40(1A) INTEGRAL ATTACHMENT	HISO 656	138100	MT	SWI-18, R5	X - - - -	
B-J B9.11	RISER-LEG F LOOP B 6-BF-2 PIPE TO ELBOW	A-24	141300	MT UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - - - X - - X - - - -	ROOT AND COUNTERBORE INDICATIONS.
B-M-2 B12.50	START-UP RISER LOOP B MO-6-38B GATE VALVE	A-25	142950	VT-3	SWI-38, R2	X - - - -	VALVE INBODY, 8 STUDS AND 8 NUTS WERE INSPECTED AS A RESULT OF MRF 8761589

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RESIDUAL HEAT REMOVAL

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-J B9.11	IN LOOP A 10-1A-14A VALVE TO PENETRATION	A-28	147025	PT UT 0 UT 45 S UT 45T S	SWI-6, R6 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND COUNTERBORE GEOMETRY. LIMITED EXAM UPSTREAM DUE TO VALVE CONFIGURATION.
F-A,B,C F0.00	N-13B PENETRATION	CBI 167	147120	VT-3	SWI-38, R2	X - - - -	BASLINE EXAMINATION.
B-J B9.11	10-1A-15 PENETRATION TO ELBOW	A-28	147125	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.11	10-1A-16 ELBOW TO PIPE	A-28	147225	PT UT 0 UT 45 S UT 45T S	PT(SR) ASME III/XI, R5 UT-PE-001, R3 S1, R0	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ID, ROOT, AND COUNTERBORE GEOMETRY.
F-A,B,C F0.00	10DCN-H130A SPRING SUPPORT	A-27	148190	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION.
B-J B9.11	10-1A-17 PIPE TO VALVE	A-28	148325	PT UT 0 UT 45 S UT 45T S UT 0 UT 45 S UT 45T S	SWI-6, R7 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - - X - - - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.
B-M-2 B12.50	AO-10-46A CHECK VALVE	A-26	148350	VT-3	SWI-38, R2	X - - - -	

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RESIDUAL HEAT REMOVAL

						N R O R			REMARKS
						O E G T E			
						R C E H P			
						E O G E O			
ASME	SEC. XI	WELD NUMBER AND/OR	FIGURE SUMMARY	EXAM	NDE USED			REMARKS	
CATGY	ITEM NO	EXAMINATION AREA IDENTIFICATION	NUMBER NUMBER	METHOD	PROCEDURE NO.	C R M R M			
		IN LOOP A							
B-G-2		AG-10-462(PRB)	A-28	148370 VT-1	SWI-38, R2	X	- - - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO VALVE CONFIGURATION.	
B7.70		VALVE BOLTING							
B-J	10-IA-18		A-28	148385 PT	PT-14X, R10	X	- - - -		
B9.11	VALVE TO PIPE BEND			UT 0	UT-PE-001, R5	X	- - - -		
				UT 45 S		-	- X - -		
				UT 45T S		-	- X - -		
				UT 0	UT-PE-002, R5	X	- - - -		
F-A,B,C	10DCN-H132A		A-27	149100 VT-3	SWI-38,R2	X	- - - -	BASELINE EXAMINATION.	
F0.00	SPRING SUPPORT			VT-4		X	- - - -		
B-J	10-IA-19		A-28	149159 PT	PT-14X, R10	X	- - - -	BASELINE EXAMINATION. ROOT, ID, AND OD GEOMETRY.	
B9.11	PIPE BEND TO ELBOW			UT 0	UT-PE-301, R5	X	- - - -		
				UT 45 S		-	- X - -		
				UT 45T S		-	- X - -		
B-J	10-IA-20		A-28	149750 PT	PT (SR) ASME		- X - - -	BASELINE EXAMINATION. ROOT, ID, AND OD GEOMETRY. PT - 1/16" ROUND INDICATION (ACCEPTABLE).	
B9.11	ELBOW TO ELBOW			UT 0	III/XI, R5	X	- - - -		
				UT 45 S	UT-PE-001, R3	-	- X - -		
				UT 45T S		-	- X - -		
						-	- X - -		
B-F	10-IA-21		A-28	150250 PT	PT (SR) ASME		X - - - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY.	
B5.130	ELBOW TO PIPE			UT 0	III/XI, R5	X	- - - -		
				UT 45 S	UT-PE-001, R3	-	- X - -		
				UT 45T S		-	- X - -		
						-	- X - -		
B-J	10-IA-22		A-28	150850 MT	SWI-18, R5	X	- - - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY.	
B9.11	PIPE TO VALVE			UT 0	UT-PE-001, R5	X	- - - -		
				UT 45 S		-	- X - -		
				UT 45T S		-	- X - -		

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ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
<u>IN LOOP A</u>							
B-M-2 B12.50	POS-10-81A GATE VALVE	A-28	150909	VT-3	SWI-38, R2	X - - - -	
B-J B9.11	10-1A-23 VALVE TO PIPE	A-28	150950	PT UT 0 UT 45 S UT 45T S	SWI-18, R4 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-F B5.130	10-1A-24 PIPE TO CROSS	A-28	151150	PT UT 0 PT 45 S UT 45 2L	PT (SR) ASME III/XI, R5 UT-PE-001, R3	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, COUNTERBORE, ID, AND OD GEOMETRY.
<u>IN LOOP B</u>							
B-J B9.11	10-1B-14A VALVE TO PENETRATION	A-28	151350	PT PT UT 0 UT 45 S UT 45T S	SWI-6, R7 SWI-6, R7 UT-PE-002, R5	- - - X - - X - - - X - - - - - - X - - X - - - -	BASLINE EXAMINATION. OD GEOMETRY.
F-A,B,C F0.00	N-13A PENETRATION	C9I 167	151375	VT-3	SWI-38, R2	X - - - -	BASLINE EXAMINATION.
B-J B9.11	10-1B-15 PENETRATION TO ELBOW	A-28	151650	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-002, R5	X - - - - X - - - - X - - - - X - - - -	BASLINE EXAMINATION.
B-J B9.11	10-1B-16 ELBOW TO PIPE	A-28	152250	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R3 S1, R0	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.

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ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS

	IN LOOP B						
F-A,B,C F0.00	10GB-H131B SPRING SUPPORT	A-28	152690	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	BASLINE EXAMINATION. COMPONENT ID. WAS CHANGED FROM 10DE-H131B.
B-J B9.11	10-IB-17 PIPE TO VALVE	A-28	152825	PT UT 0 UT 45 S UT 45T S UT 0	SWI-6, R6 UT-PE-001, R5 UT-PE-002, R5	X - - - - - - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT, ID, AND OD GEOMETRY. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.
B-M-2 B12.50	AO-10-46B CHECK VALVE	A-28	152850	VT-3	SWI-38, R2	X - - - -	
B-G-2 B7.70	AO-10-46B(PRB) VALVE BOLTING	A-28	152770	VT-1	SWI-38, R2	X - - - -	BASLINE EXAMINATION.
B-J B9.11	10-IB-18 VALVE TO PIPE BEND	A-28	152865	PT UT C UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, P5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO VALVE CONFIGURATION.
F-A,B,C F0.00	10DE-H133A SPRING SUPPORT	A-28	153000	VT-3 VT-4	SWI-38, REV 2	X - - - - X - - - -	BASLINE EXAMINATION.
B-J B9.11	10-IB-19 PIPE BEND TO ELBOW	A-28	153650	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.11	10-IB-20 ELBOW TO ELBOW	A-28	155050	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R3	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.

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ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	MR OR OEGTE RCEHP EOOE O C R M R R	REMARKS
B-F	IN LOOP B 10-IB-21 B5.130 ELBOW TO PIPE	A-23	15N15C	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-001, R3	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ID, ROOT, COUNTERBORE, AND OD GEOMETRY.
B-J	10-IB-22 B9.11 PIPE TO VALVE	A-28	155350	MT UT 0 UT 45 S UT 45T S UT 0	SWI-18, R4 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.
B-M-2	POS-10-81B B12.50 GATE VALVE	A-28	155449	V1-3	SWI-38, R2	X - - - -	
B-J	10-IB-23 B9.11 VALVE TO PIPE	A-23	155450	MT UT 0 UT 45 S UT 45T S	SWI-18, R4 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY. NO EXAM UPSTREAM DUE TO VALVE CONFIGURATION.
B-F	10-IB-24 B5.130 PIPE TO TEE	A-28	155650	PT UT 0 UT 45 S UT 45 RL	PT (SR) ASME III/XI, R5 UT-PE-001, R3	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, ID, AND OD GEOMETRY.
B-J	OUT 10-O-20 B9.11 TEE TO PIPE BEND	A-29	155850	PT UT 0 UT 45 S UT 45T S	PT-14X, R9 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J	10-O-20/12-O B9.31 BRANCH CONNECTION	A-29	156050	PT UT 0 UT 45 S UT 45T S	PT (SR) ASME III/XI, R5 UT-PE-002, R4	X - - - - X - - - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT GEOMETRY.

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ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
	OUT						
F-A,B,C F0.00	10DCN-H150 SPRING SUPPORT	A-29	157110	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
B-J B9.11	10-O-21 PIPE BEND TO PIPE BEND	A-29	157150	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
B-J B9.11	10-O-22 PIPE BEND TO PIPE BEND	A-29	158050	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT AND ID GEOMETRY.
F-A,B,C F0.00	10DCN-H151 SPRING SUPPORT	A-29	158300	VT-3 VT-4	SWI-38, REV 2	X - - - - X - - - -	BASLINE EXAMINATION. NO IDENTIFICATION TAGS. NO LOAD SCALE TAGS ON EITHER SPRING CAN.
B-F B5.130	10-O-23 PIPE BEND TO PIPE	A-29	158330	PT UT 0 UT 45 S UT 45T S	PT (SE) ASME III/XI, R5 UT-PE-001, R3	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ID AND ROOT GEOMETRY.
B-J B9.11	10-O-24 PIPE TO VALVE	A-29	159150	VT UT 0 UT 45 S UT 45T S	SWI-18, R4 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, ID, AND CD GEOMETRY. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.
B-J B9.11	10-O-25 VALVE TO PIPE	A-29	159250	PT UT 0 UT 45 S UT 0 UT 45T S	SWI-6, R7 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - - X - - - -	BASLINE EXAMINATION. ROOT AND COUNTERBORE GEOMETRY. NO EXAM UPSTREAM DUE TO VALVE CONFIGURATION.

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B-F	OUT 10-0-26 B5.130 PIPE TO PIPE BEND	A-29	189650	PT	PT (SR) ASME III/XI, R5 UT-PE-001, R3	X - - - - X - - - - - - X - - - - X - -	BASILINE EXAMINATION. ROOT AND ID GEOMETRY.
				UT 0 UT 45 S 97 45T S			
F-A,B,C F0.00	10DCN-H152 SPRING SUPPORT	A-29	159000	VT-3 VT-4	SWI-38, REV 2	X - - - - X - - - -	BASILINE EXAMINATION.
B-F	10-0-27 B5.130 PIPE BEND TO PIPE	A-29	159850	PT	PT (SR) ASME III/XI, R5 UT-PE-001, R3	X - - - - X - - - - - - X - - - - X - -	BASILINE EXAMINATION. ID AND ROOT GEOMETRY.
				UT 0 UT 45 S UT 45T S			
B-J	10-0-28 B9.11 PIPE TO VALVE	A-29	160350	MT	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	BASILINE EXAMINATION. ROOT GEOMETRY. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.
				UT 0 UT 45 S UT 45T S			
B-M-2 B12.50	MO-10-18 GATE VALVE	A-29	160000	VT-3	SWI-38, R2	X - - - -	
B-J	10-0-29 B9.11 VALVE TO PIPE	A-29	180650	MT	SWI-18, R4 UT-PE-001, R5	X - - - - X - - - - - - X - - - - X - -	BASILINE EXAMINATION. ROOT, ID, AND OD GEOMETRY. NO EXAM UPSTREAM DUE TO VALVE CONFIGURATION.
				UT 0 UT 45 S UT 45T S UT 2	UT-PE-002, R5	X - - - -	
F-A,B,C F0.00	10DCN-H153 SPRING SUPPORT	A-29	180900	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	

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ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR O E G T E R C E H P E O O E O C B M R R	REMARKS
B-F	OUT 10-0-30 B5.130 PIPE TO PIPE BEND	A-29	160950 PT	PT (SR) ASME III/XI, R5 UT-PB-001, R3	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ID, COUNTERBORE, AND ROOT GEOMETRY.
B-J	10-0-31 B9.11 PIPE BEND TO PENETRATION	A-29	161625 PT	PT-14X, R10 UT-PB-002, R5	X - - - - X - - - - X - - - - X - - - -	BASLINE EXAMINATION. NO RECORDABLE INDICATIONS. NO EXAM DOWNSTREAM DUE TO PENETRATION CONFIGURATION.
F-A,B,C	N-12 F0.00 PENETRATION	CBI	161630 V-3	SWI-30, R2	X - - - -	BASLINE EXAMINATION.
B-F	10-0-32 B5.130 PENETRATION TO PIPE	A-29	161750 PT	PT-14X, R10 UT-PB-001, R5	X - - - - X - - - - - - X - - - - X - - X - - - - X - - - - X - - - -	BASLINE EXAMINATION. ROOT, ID, AND OD GEOMETRY.
B-J	10-0-33 B9.11 PIPE TO VALVE	A-29	161850 PT	SWI-18, R5 UT-PB-002, R5	X - - - - X - - - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT GEOMETRY. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.

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REACTOR WATER CLEAN-UP

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR OEGTE RCEHP E O O E O C R M R R	REMARKS
	<u>IN</u>						
B-F B5.139	12-I-2R VALVE TO ELBOW	A-30	162409	PT UT 45 S UT 45T S	SWI-6, R8 UT-PE-602, R5	X - - - - - - X - - X - - - -	OD GEOMETRY.
B-J B9.11	12-I-3 ELBOW TO PIPE	A-30	162509	PT UT 45 S UT 45T S	SWI-6, R8 UT-PE-602, R5	X - - - - - - X - - X - - - -	ROOT AND OD GEOMETRY.
	<u>OUT</u>						
B-J B9.11	12-O-20A WELDOLET TO PIPE	A-31	162750	PT UT 0 UT 45 S UT 45T S	PT-14X, R9 UT-PE-901, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, ID, OD, AND COUNTERBORE GEOMETRY.
B-K-1 B10.10	12DCN-H152(IA) INTEGRAL ATTACHMENT	A-31	162900	PT	SWI-6, R7	X - - - -	
F-A,B,C F0.00	12DCN-H152 SPRING HANGER	HISO 1265	163000	VT-3 VT-4 VT-4	SWI-38, R2 SWI-38, R2 QCIR MEM8905726	X - - - - - - - - X X - - - -	BASLINE EXAMINATION. ANGLE IRON BEING MODIFIED. SPRING CAN SETTING WAS FOUND TO BE OUT OF SPECIFIED RANGE. NCR P89812-312 WAS ISSUED AND DISPOSITION REQUIRED SETTINGS TO BE ADJUSTED. FINAL VT-4 EXAM WAS ACCEPTABLE.
B-M-2 B12.50	M0-12-15 GATE VALVE	A-31	163450	VT-3	SWI-38, R2	X - - - -	EXAMINED VALVE INBODY. DIASSEMBLED FOR MAINTENANCE REASONS MRF 8761810.
F-A,B,C F0.00	12DCN-S7 SNUBBER	HISO 1265	163850	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	12DCN-S6 RIGID HANGER	HISO 1265	164130	VT-3	SWI-38, R2	X - - - -	BASLINE EXAMINATION. NEW HANGER BEING INSTALLED (STRUT).

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	OUT						
F-A,B,C F0.00	12DCN-H150 SPRING HANGER	HISO 1265	165125	VT-3	SWI-38, R2	X - - - -	BASLINE EXAMINATION. NEW COLD LOAD SETTING.
F-A,B,C F0.00	12DCN-H149 SPRING HANGER	HISO 1265	165350	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
B-J B9.11	12-O-36A PIPE TO ELBOW	A-31	165405	PT UT 0 UT 45 S UT 45T S GT 0	PT-14X, R10 GT-PK-001, R5 UT PK-002, R5	X - - - - X - - - - - - X - - X - - - - X - - - -	BASLINE EXAMINATION. ROOT AND COUNTERBORE GEOMETRY.
B-J B9.11	12-O-37A ELBOW TO PENETRATION	A-31	165420	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PK-001, R5	X - - - - X - - - - - - X - - - - X - -	BASLINE EXAMINATION. ROOT, ID, AND OD GEOMETRY.
F-A,B,C F0.00	N-14 PENETRATION	CBT 283	165430	VT-3	SWI-38, R2	X - - - -	BASLINE EXAMINATION.
B-J B9.11	12-O-38 PENETRATION TO PIPE	A-31	165450	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 GT-PK-002, R5	X - - - - X - - - - X - - - - X - - - -	BASLINE EXAMINATION.
B-J B9.11	12-O-39 PIPE TO VALVE	A-31	165470	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PK-002, R5	X - - - - X - - - - X - - - - X - - - -	BASLINE EXAMINATION. NO RECORDABLE INDICATIONS. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.

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REACTOR CORE ISOLATION COOLING

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B-M-2 B12.50	<u>IN</u> MO-13-21 GATE VALVE	A-32	165190	VT-3	SWI-38, R2	- X - - -	HEAVY RUST ON VALVE INTERNALS.
B-M-2 B12.50	AO-13-22 CHECK VALVE	A-32	165750	VT-3 VT-4	SWI-38, R2	- X - - - X - - - -	HEAVY RUST ON VALVE INTERNALS. VT-4 PERFORMED FOR VERIFICATION OF CLAPPER MOVEMENT.

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CORE SPRAY

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R R R R	REMARKS
B-M-2 B12.50	LOOP A MO-14-12B GATE VALVE	A-33	166200	VT-3	SWI-38, R2	X - - - -	
B-J B9.11	14-A-2 VALVE TO PIPE	A-33	166300	PT UT 45 S UT 45T S	SWI-6, R4 UT-PE-002, R5	X - - - - - - X - - X - - - -	ROOT AND OD GEOMETRY.
B-J B9.11	14-A-4 PIPE TO ELBOW	A-33	166500	PT UT 45 S UT 45T S	SWI-6, R7 UT-PE-002, R5	X - - - - - - X - - X - - - -	ROOT AND COUNTERBORE GEOMETRY.
B-M-2 B12.50	AO-14-13B CHECK VALVE	A-33	166700	VT-1 VT-3	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	14DCN-H74 SPRING HANGER	HISO 1459	167560	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	14DCN-S25 RESTRAINT	HISO 1459	169455	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	14DCN-H76 SPRING SUPPORT	HISO 1459	169574	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
B-J B9.12	14-A-44LU LONGITUDINAL SEAM UPSTREAM	A-33	169655	PT UT 0 UT 45 S UT 45T S	SWI-6, R7 UT-PE-002, R5	X - - - - X - - - - X - - - - X - - - -	BASLINE EXAMINATION. 12" OF WELD EXAMINED. NO RECORDABLE INDICATIONS.
B-J B9.11	14-A-44 PIPE TO PIPE BEND	A-33	169658	PT UT 0 UT 45 S UT 45T S UT 0	PT-14X, R10 UT-PE-001, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - - - X - - X - - - -	BASLINE EXAMINATION. ROOT, COUNTERBORE, AND ID GEOMETRY.

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CORE SPRAY

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-J B9.11	LOOP B 14-B-44 PIPE TO SAFE-END	A-34	172978	PT UT 0 UT 45 S UT 45T S	PT-14X, R10 UT-PE-001, R5	X - - - - X - - - - - - X - - X - - - -	BASELINE EXAMINATION. ROOT AND OD GEOMETRY.
B-F B5.10	14-B-45 SAFE-END TO NOZZLE	A-34	172987	PT PT UT 0 UT 45 S UT 45 RL UT 60 RL	PT-14X, R10 PT-14X, R10 UT-PE-002, R6 & SUPP 2, R2	X - - - - X - - - - X - - - - X - - - - - - X - - X - - - -	BASELINE EXAMINATION. ID ROOT GEOMETRY

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HIGH PRESSURE COOLANT INJECTION

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
	<u>IN</u>						
F-A,B,C F0.00	23DBN-H64 SPRING HANGER	HISO 2354	172988	VT-3	SWI-38, R2	X - - - -	VT-4 EXAM IS DEFERRED UNTIL THE 1991 REFUEL OUTAGE.
B-M-2 B12.50	MO-23-19 GATE VALVE	A-35	172990	VT-3	SWI-38,R2	X - - - -	
B-M-2 B12.50	AO-23-18 CHECK VALVE	A-35	173150	VT-3 VT-4	SWI-38,R2	X - - - - X - - - -	VT-4 PERFORMED FOR VERIFICATION OF CLAPPER MOVEMENT.
B-J B9.11	23-1-4 VALVE TO PIPE	A-35	173200	MT UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - - - X - - X - - - -	ROOT AND COUNTERBORE GEOMETRY. NO EXAM UPSTREAM DUE TO VALVE CONFIGURATION.
	<u>OUT</u>						
B-J B9.11	23-0-3 ELBOW TO PIPE	A-36	173600	MT UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - - - X - - X - - - -	ROOT GEOMETRY.
F-A,B,C F0.00	23DBN-H54 SPRING HANGER	HISO 2352	173625	VT-3 VT-4 VT-4	SWI-38, R2	X - - - - - - - - X X - - - -	HANGER FOUND OUT OF RANGE. RESET ON MRF# 8909977 AND A SATISFACTORY INSPECTION PERFORMED.
F-A,B,C F0.00	23DBN-H53 SPRING HANGER	HISO 2352	173750	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	23DBN-H52 SPRING SUPPORT	HISO 2352	174050	VT-3 VT-4 VT-4	SWI-38, R2	X - - - - - - - - X X - - - -	ADDITIONAL EXAM. HANGER FOUND OUT OF RANGE. RESET ON MRF# 8809977 AND SATISFACTORY INSPECTION PERFORMED.
F-A,B,C F0.00	23DBN-H51 SPRING HANGER	HISO 2352	174400	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	

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HIGH PRESSURE COOLANT INJECTION

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR O E G T E R C E H P E O O E O C R H R R	REMARKS
B-M-2 B12.50	OUT MO-23-15 GATE VALVE	A-36	174650 VT-1 VT-3	SMI-38.R2	X X	

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JET SPRAY INSTRUMENTATION

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-F	LOOP A JP-A-6	A-37	175450	PT	PT-14X, R9	X - - - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY.
B5.10	NOZZLE TO SEAL ASSEMBLY			UT 0	UT-PE-002, R4	X - - - -	
				UT 45 S		- - X - -	
				UT 45T S		X - - - -	
				UT 45 RL		- - X - -	
				UT 45T RL		X - - - -	
				UT 60 RL		- - X - -	
				UT 60T RL		X - - - -	
B-F	LOOP B JP-B-6	A-37	175950	PT	PT-14X, R10	X - - - -	BASELINE EXAMINATION. ROOT AND ID GEOMETRY.
B5.10	NOZZLE TO SEAL ASSEMBLY			UT 0	UT-PE-002, R4	X - - - -	
				UT 45 S	S2, R1	X - - - -	
				UT 45T S		X - - - -	
				UT 45 RL		- - X - -	
				UT 45T RL		X - - - -	
				UT 60 RL		X - - - -	
				UT 60T RL		- - X - -	

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MAIN RECIRCULATION PUMPS

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	M R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
B-L-2 B12.20	LOOP A PUMP A (CIS) CASING INTERNAL SURFACES	A-38	176340	VT-3	SWI-38, R2	X - - - -	
B-G-1 B6.190	PUMP A (FS) FLANGE SURFACE	A-38	176450	VT-1	SWI-38, R2	X - - - -	
B-G-1 B6.200	PUMP A (NBW) NUTS, BUSHINGS, AND WASHERS	A-38	176475	VT-1	SWI-38, R2	X - - - -	
B-K-1 B10.20	H14A(IA) INTEGRAL ATTACHMENTS	A-38	176500	PT	SWI-6, R7	X - - - -	NO MODIFICATIONS ON INTEGRAL ATTACHMENT DURING MOD 1536.
F-A,B,C F0.00	H14A CONSTANT HANGER	A-38	176600	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	NO MODIFICATIONS ON SUPPORT DURING MOD 1536. SNIF 009, LOOSE JAW NUT. HRF 3 -8810790 ISSUED. NO RECORDABLE INDICATIONS AFTER REPAIR.
F-A,B,C F0.00	H4A CONSTANT HANGER	A-38	176800	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
F-A,B,C F0.00	SS2A HYDRAULIC SNUBBER	A-38	177000	VT-3	SWI-38, R2	X - - - -	NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
F-A,B,C F0.00	SS6A HYDRAULIC SNUBBER	A-38	177200	VT-3	SWI-38, R2	X - - - -	REMOVE AND REPLACE DURING MOD 1536.
B-K-1 B10.20	H5A(IA) INTEGRAL ATTACHMENTS	A-38	177300	PT	SWI-6, R6	X - - - -	NO MODIFICATIONS ON INTEGRAL ATTACHMENT DURING MOD 1536.

MAIN RECIRCULATION PUMPS

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
	LOOP A						
F-A,B,C F0.00	H5A CONSTANT HANGER	A-38	177400	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
F-A,B,C F0.00	SS1A HYDRAULIC SNUBBER	A-38	177405	VT-3	SWI-38, R2	X - - - -	NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
	LOOP B						
B-L-2 B12.20	PUMP B (CIS) CASING INTERNAL SURFACES	A-39	177460	VT-3	SWI-38, R2	- X - - -	SLIGHT EROSION ON DISCHARGE END.
B-G-1 B6.190	PUMP B (FS) FLANGE SURFACES	A-39	177530	VT-1	SWI-38, R2	X - - - -	
B-G-1 B6.200	PUMP B (NBW) NUTS, BUSHINGS, AND WASHERS	A-39	177560	VT-1	SWI-38, R2	X - - - -	
F-A,B,C F0.00	H17B CONSTANT HANGER	A-39	177700	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
B-K-1 B10.20	H15B(IA) INTEGRAL ATTACHMENTS	A-39	177800	PT	SWI-6, R7	X - - - -	NO MODIFICATIONS ON INTEGRAL ATTACHMENT DURING MOD 1536.
F-A,B,C F0.00	H15B CONSTANT HANGER	A-39	177900	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	NO MODIFICATIONS ON SUPPORT DURING MOD 1536.
F-A,B,C F0.00	SS2B HYDRAULIC SNUBBER	A-39	178100	VT-3	SWI-38, R2	X - - - -	REMOVED AND REPLACED DURING MOD 1536.

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MAIN RECIRCULATION PUMPS

ASME											
SEC. XI											
CATGY											
WELD NUMBER AND/OR		FIGURE SUMMARY		EXAM		NDE USED		RCEHP		E O O E O	
ITEM NO	EXAMINATION AREA IDENTIFICATION	NUMBER	NUMBER	METHOD	PROCEDURE	NO.		C	R	M	R
REMARKS											
B-K-1	LOOP B	A-39	178200	PT	SWI-6,	R7		X	-	-	-
B10.20	INTEGRAL ATTACHMENTS										
NO MODIFICATIONS ON INTEGRAL ATTACHMENT DURING MOD 1536.											
F-A,B,C	SS6B	A-39	178300	VT-3	SWI-38,	R2		X	-	-	-
F0.00	HYDRAULIC SNUBBER										
REMOVED AND REPLACED DURING MOD 1536.											
F-A,B,C	H16B	A-39	178500	VT-3	SWI-38,	R2		X	-	-	-
F0.00	CONSTANT HANGER			VT-4				X	-	-	-
NO MODIFICATIONS ON SUPPORT DURING MOD 1536.											
F-A,B,C	SS1B	A-39	178505	VT-3	SWI-38,	R2		X	-	-	-
F0.00	HYDRAULIC SNUBBER										
NO MODIFICATIONS ON SUPPORT DURING MOD 1536.											

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SYSTEM PRESSURE TESTS

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
2-1 B11	__VESSEL NOZZLES__ PARTIAL PENETR WELDS EXTERNAL SURFACE OF VESSEL NOZZ	178530	VT-2	ST/ISI 6	X - - - -	PERFORMED DURING CLASS 1 SYSTEM PRESSURE TEST.
B-P B15.50*	__RPV; PIPING; PUMPS; VALVES__ CLASS 1 LEAKAGE PRESSURE RETAINING BOUNDARY	178550	VT-2	SWI-19	X - - - -	PARTIAL LEAKAGE TEST. PERFORMED FOR DISAS. OF RCIC VLV MO-16, 'A' RECIRC SUCTION CLEAN-OUT FLANGE, RHR MO-18 VALVE, AND MSRV TEST PLUG REPAIRS.
B-P B15.51*	CLASS 1 HYDRO TEST PRESSURE RETAINING BOUNDARY	178575	VT-2	ST/ISI 6	- X - - -	HYDRO PERFORMED DUE TO RECIRC/RHR PIPE REPLACEMENT, MOD 1536.

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RHR HEAT EXCHANGER-VESSEL A

ASME
SEC. XI

WELD NUMBER AND/OR

CATGY
ITEM NO EXAMINATION AREA IDENTIFICATION

FIGURE SUMMARY
NUMBER NUMBER METHOD

NDE USED
PROCEDURE NO.

N R O R
O E G T E
R C E H P
E O O E O
C R M R R

REMARKS

C-B NOZZLE-TO-VESSEL WELDS
C2.31 N3 (RP)
INLET NOZZLE REINFORCPLATE

B-1 200350 MT

SWI-18, R5

X - - -

C-C INTEGRALLY-WDED VSL SUPTS
C3.10 NO. 1
UPPER SUPPORT

B-1 200500 MT

SWI-18, R4

X - - -

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RESIDUAL HEAT REMOVAL

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER METHOD	NDE USED PROCEDURE NO.	NR OR OE GT E RC E H P E O O E O C R M R R	REMARKS
HEAD SPRAY					
C-F C5.11	10-2HS6-1 REDUCER TO PIPE	B-2 202900 MT	SWI-18, R5	X - - -	
F-A,B,C F0.00	10GB-H157A RIGID SUPPORT	HISO 203600 VT-3 1065	SWI-38, R2	X - - -	BASELINE EXAMINATION. NEW SUPPORT.
C-F C5.11	10-2HS6-18 PIPE TO PIPE	B-2 204150 MT	SWI-18, R5	X - - -	BASELINE EXAMINATION.
C-F C5.11	10-2HS6-19 PIPE TO ELBOW	B-2 204250 MT	SWI-18, R5	X - - -	BASELINE EXAMINATION.
C-F C5.11	10-2HS6-20 ELBOW TO PIPE	B-2 204450 MT	SWI-18, R5	X - - -	BASELINE EXAMINATION.
C-F C5.11	10-2HS6-21 PIPE TO CAP	B-2 204550 FT	SWI-6, R7	X - - -	BASELINE EXAMINATION.
CONTAINMENT SPRAY-IN-LOOP B					
C-F C5.11	10-2CSIB12-8 PIPE TO ELBOW	B-3 206100 MT B-4	SWI-18, R4	X - - -	
C-F C5.11	10-2CSIB12-21 TEE TO FLANGE	B-4A 207830 FT	SWI-6, R7	X - - -	
F-A,B,C F0.00	FUEL POOL COOLANT LOOP A 10GB-H132 SPRING HANGER	HISO 208600 VT-3 1062 VT-4	SWI-38, R2	X - - - X - - -	

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RESIDUAL HEAT REMOVAL

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
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FUEL POOL COOLANT LOOP A

F-A,B,C 10GB-H133 F0.00 SPRING HANGER	HISO 1062	208900 VT-3 VT-4	SWI-38, R2	X - - - X - - -	EXAMINED PER REPAIR PERFORMED ON NRP 8809365
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F-A,B,C 10GB-S45 F0.00 SEISMIC SWAY AND STRUT ASSEMBLY	HISO 1062	209700 VT-3	SWI-38, R2	X - - -	
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F-A,B,C 10GB-S46 F0.00 SEISMIC SWAY AND STRUT ASSEMBLY	HISO 1062	209800 VT-3	SWI-38, R2	X - - -	
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TORUS-IN-LOOP A

F-A,B-C 10MO-H102 F0.00 RIGID HANGER	HISO 1061	212002 VT-3	SWI-38, R2	X - - -	
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F-A,B-C 10GB-H89 F0.00 SPRING HANGER	HISO 1061	212022 VT-3 VT-4	SWI-38, R2	X - - - X - - -	
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TORUS-IN-LOOP B

C-F 10-2TIB18-1 C5.11 REDUCER TO PIPE	B-8	212100 MT	SWI-18, R4	X - - -	
--	-----	-----------	------------	---------	--

HEAT EXCHANGER OUT-LOOP A

C-F 10-2XAO18-1 C5.11 TEE TO VALVE	B-20	213100 MT	SWI-18, R5	X - - -	
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SHUTDOWN COOL SUCT-LOOP A

F-A,B,C 10HB-H36 F0.00 SPRING HANGER	HISO 1057	213800 VT-3 VT-4	SWI-38, R2	X - - - X - - -	
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RESIDUAL HEAT REMOVAL

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<u>SHUTDOWN COOL SUCT-LOOP A</u>							
F-A,B,C F0.00	10HB-H16 SPRING HANGER	HISO 1057	215300	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	10HB-H32 SPRING HANGER	HISO 1051	216800	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
C-F C5.11	10-2SCSA20-22 VALVE TO PIPE	B-9 B-10	217200	MT	SWI-18, R5	X - - - -	
<u>SHUTDOWN COOL SUCT LOOP A</u>							
F-A,B,C F0.00	10HB-H29 SPRING SUPPORT	HISO 1051	217333	VT-3 VT-4	SWI-38, REV 2	X - - - - X - - - -	
<u>TORUS SUCTION-LOOP B</u>							
C-F C5.11	10-2TSB24-12 ELBOW TO PIPE	B-12A	218180	MT	SWI-18, R4	X - - - -	
<u>DISCHARGE-LOOP A</u>							
F-A,B,C F0.00	10GB-H72 SPRING SUPPORT	HISO 1053	222800	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
C-F C5.11	10-2DA20-6 ELBOW TO PIPE	B-16	223000	MT	SWI-18, R4	X - - - -	
F-A,B,C F0.00	10GB-H73 SPRING SUPPORT	HISO 1053	223200	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	EXAMINED IN ACCORDANCE WITH NCR P89043 -213.

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RESIDUAL HEAT REMOVAL

ASME SEC. XI CATG	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R E G T E R C E H P E O O E O C R M R R	REMARKS
DISCHARGE-LOOP A						
F-A,B,C 10GB-H74 F0.00 SPRING SUPPORT		HISO 1053	223650 VT-3 VT-4	SWI-38, R2	X - - - X - - -	EXAMINED IN ACCORDANCE WITH MCR P89043 -213.
F-A,B,C 10MO-H501 F0.00 SPRING SUPPORT		HISO 1053	223750 VT-3 VT-4	SWI-38, R2	X - - - X - - -	EXAMINED IN RESPONSE TO MCR P89043-213.
F-A,B,C 10GB-S62 F0.00 MECHANICAL SNUBBER		HISO 1053	224375 VT-3	SWI-38, REV 2	X - - -	
C-F 10-2DA20-18 C5.11 REDUCER TO NOZZLE		B-16	224750 MT	SWI-18, R4	X - - -	
C-F 10-2DD20-8 C5.11 ELBOW TO VALVE		B-19	229900 MT	SWI-18, R4	X - - -	
HEAT EXCHANGER OUT-LOOP A						
C-F 10-2XA020-1A C5.11 NOZZLE TO REDUCER		B-20	231290 MT	SWI-18, REV 5	X - - -	
C-F 10-2XA020-2 C5.11 ELBOW TO PIPE		B-20	231400 MT	SWI-18, R5	X - - -	
F-A,B,C 10GB-H77 F0.00 SPRING SUPPORT		HISO 1060	231600 VT-3 VT-4	SWI-38, R2	X - - - X - - -	

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RESIDUAL HEAT REMOVAL

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	HEAT EXCHANGER OUT-LOOP A						
C-C	10GB-S60(1A)	HISO	232800	MT	SWI-18, R4	X - - - -	
C3.20	INTEGRAL ATTACHMENT	1060					
F-A,B,C	10GB-S60	HISO	232900	VT-3	SWI-38, R2	X - - - -	
F0.00	ANCHOR	1060					
	CONTAINMENT SPRAY IN LOOP A						
C-F	10-2CSIA24-1	B-24	238100	MT	SWI-18, R4	X - - - -	
C5.11	VALVE TO PIPE	THRU B-27					
F-A,B,C	10GB-H68	HISO	238300	VT-3	SWI-38, R2	X - - - -	
F0.00	SPRING HANGER	1059		VT-4		X - - - -	
C-F	10-2CSIA24-13	B-24	240000	MT	SWI-18, R4	X - - - -	
C5.11	PIPE TO ELBOW	THRU B-27					
F-A,B,C	10GB-H95	HISO	240300	VT-3	SWI-38, R2	X - - - -	
F0.00	RIDGID SUPPORT	1059					
F-A,B,C	10GB-H93	HISO	241700	VT-3	SWI-38, R2	X - - - -	
F0.00	SPRING HANGER	1060		VT-4		X - - - -	
F-A,B,C	10GB-H83	HISO	242800	VT-3	SWI-38, R2	X - - - -	
F0.00	SPRING HANGER	1061		VT-4		X - - - -	
F-A,B,C	10GB-S52	HISO	242900	VT-3	SWI-38, R2	X - - - -	
F0.00	SNUBBER	1061					

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RESIDUAL HEAT REMOVAL

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RESIDUAL HEAT REMOVAL

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O K O C E M R R	REMARKS

SHUTDOWN COOLING SUCTION							
F-A,B,C FO.00	10HB-S9 SWAY STRUT	HISO 1057	252900	VT-3	SWI-38, R2	X - - - -	
F-A,B,C FO.00	10HB-S6 SWAY STRUT	HISO 1057	253700	VT-3	SWI-38, R2	X - - - -	
A RHR PUMP							
F-A,B,C FO.00	PUMP-A-SC SUPPORT COMPONENTS		254300	VT-3	SWI-38, R2	X - - - -	

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RESIDUAL HEAT REMOVAL

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR OEGTE RCEHP EOOE O C R H R R	REMARKS
C-F C5.11	TORUS-IN-LOOP A 10-2TIA6-4 PIPE TO ELBOW	B-32	256150	MT	SWI-18, R4	X - - - -	
C-F C5.11	TORUS-IN-LOOP B 10-2TIB6-6 PIPE TO ELBOW	B-33	257750	MT	SWI-18, R4	X - - - -	

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MAIN STEAM

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR O R C E H F E O O E O C R M R R	REMARKS
C-F C5.21	MAINLINE LOOP A 1-2A26-25 PIPE TO VALVE	B-35	262400	MT UT 0 UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	ROOT AND COUNTERBORE GEOMETRY. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.
C-F C5.31	MAINLINE LOOP C 1-2C26-22BC BRANCH CONNECTION	B-37	267610	MT	SWI-18, R5	X - - - -	
F-A,B,C F0.00	MAINLINE LOOP D RESTRAINT #1 RESTRAINT	HISO 174	268360	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	1DB-H37 SPRING HANGER	HISO 174	268450	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	1DB-H39 SPRING HANGER	HISO 174	268750	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	1DB-H40 SPRING HANGER	HISO 174	268950	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	1DB-H42 SWAY STRUT	HISO 174	269230	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	1DB-S42A SNUBBER	HISO 174	269450	VT-3	SWI-38, R2	X - - - -	

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MAIN STEAM

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
<hr/>							
MAINLINE LOOP D							
F-A,B,C FO.00	1DB-H44 SPRING HANGER	HISO 174	269650	VT-3	SWI-38, R2	X - - - -	
18" BYPASS-LINE LOOP B							
F-A,B,C FO.00	7DB-H76 SPRING HANGER	HISO 760	271350	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C FO.00	7DB-S12 SNUBBER	HISO 760	271560	VT-3	SWI-38, R2	X - - - -	
14" BYPASS-LINE LOOP A							
F-A,B,C FO.00	7DB-H79 SPRING HANGER	HISO 760	271850	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
14" BYPASS-LINE LOOP C							
C-F C5.21	1-2MSC14-2 ELBOW TO PIPE	B-43	272600	MT UT 0 UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	ROOT AND COUNTERBORE GEOMETRY.
14" BYPASS-LINE LOOP D							
C-F C5.21	1-2MSD14-6 PIPE TO REDUCER	B-44	273500	MT UT 0 UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	ROOT GEOMETRY. LIMITED EXAM DOWNSTREAM DUE TO REDUCER CONFIGURATION.
LOOP D							
C-F C5.21	1-2MSD6-2 ELBOW TO PIPE	B-45	274100	MT UT 0 UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	ROOT AND OD GEOMETRY.

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SCRAM DISCHARGE VOLUME

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR O R C E H P E O O E O C R M R R	REMARKS
	<u>NORTH</u>						
F-A,B,C S21 F0.00	SUPPORT		275200	VT-3	SWI-38, R2	X - - - -	
F-A,B,C S26 F0.00	SUPPORT		276100	VT-3	SWI-38, R2	X - - - -	
F-A,B,C S1 F0.00	RIGID HANGER		277100	VT-3	SWI-38, R2	X - - - -	
F-A,B,C S4 F0.00	RIGID HANGER		277800	VT-3	SWI-38, R2	X - - - -	
C-F C5.11	3-2NSV8-21 ELBOW TO PIPE	B-76	278300	MT	SWI-18, R5	X - - - -	
F-A,B,C S6 F0.00	SUPPORT		278400	VT-3	SWI-38, R2	X - - - -	
	<u>SOUTH</u>						
C-F C5.11	3-2SSV8-14 PIPE TO ELBOW	B-77	282100	MT	SWI-18, R5	X - - - -	
	<u>TANK</u>						
F-A,B,C F0.00	PEDESTAL SUPPORT		290400	VT-3	SWI-38, R2	X - - - -	

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CORE SPRAY

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O 7 O C R M R R	REMARKS
C-F C5.11	TORUS SUCTION LOOP A 14-2TSA16-17 TEE TO PIPE	B-46	296700	MT	SWI-18,R5	X - - - -	
F-A,B,C F0.00	TORUS SUCTION LOOP B 14HB-H7 SPRING SUPPORT	HISO 1453	297220	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	14HB-H10 SPRING SUPPORT	HISO 1453	297950	VT-3 VT-4	SWI-38,R2	X - - - - X - - - -	
C-F C5.11	14-2TSB16-11 ELBOW TO PIPE	B-47	298000	MT	SWI-18,R5	X - - - -	
F-A,B,C F0.00	TORUS SUCTION LOOP D 14HB-H1 SPRING SUPPORT	HISO 1456	301850	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	NCR P89813-312 DETERMINED THE HANGER DETAIL CONTAINED INCORRECT INFO ON THE SPRING CAN. THE DETAIL WILL BE UPDATED AND THE AS FOUND SETTING IS ACCEPTABLE.
F-A,B,C F0.00	14HB-S1 RESTRAINT	HISO 1456	302730	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	14HB-H4 SPRING SUPPORT	HISO 1456	302760	VT-3 VT-4	SWI-38,R2	X - - - - X - - - -	
C-F C5.11	DISCHARGE LOOP A 14-2DA12-8 ELBOW TO PIPE	B-50	304300	MT	SWI-18, R5	X - - - -	

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CORE SPRAY

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OE RC EO C	OR GT EW OE M	REMARKS
___DISCHARGE LOOP B___								
F-A,B,C F0.00	14GB-H31 SPRING SUPPORT	HISO 1454	304850	VT-3 VT-4	SWI-38, R2	X	- - - -	
F-A,B,C F0.00	14GB-S7 SWAY STRUT	HISO 1459	308060	VT-3	SWI-38, R2	X	- - - -	
C-F C5.11	14-2DBD14-15 PIPE TO ELBOW	B-54	308100	MT	SWI-18, R4	X	- - - -	
F-A,B,C F0.00	14GB-S2 RESTRAINT	HISO 1459	308430	VT-3	SWI-38, R2	X	- - - -	
F-A,B,C F0.00	14GB-H39 SPRING HANGER	HISO 1459	308460	VT-3 VT-4	SWI-38, R2	X	- - - -	
C-F C5.21	14-2DBD12-22 PIPE TO ELBOW	B-57	312700	MT UT 0 UT 45 S UT 45T S	SWI-18, R4 UT-PR-002, R5	X X - - X X	- - - - - - - - - - - - - - - -	ROOT GEOMETRY.
___TORUS INJECTION LOOP B___								
F-A,B,C F0.00	14GB-H44 SPRING HANGER	HISO 1459	315050	VT-3 VT-4	SWI-38, R2	X	- - - - - - - -	
C-F C5.11	14-2TIB10-9 PIPE TO ELBOW	B-59	315400	MT	SWI-18, R5	X	- - - -	

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HIGH PRESSURE COOLANT INJECTION

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR OEGT RCEHP RCKO CRMR	REMARKS
TORUS INJECTION						
C-F C5.11	23-2T124-4 REDUCER TO PIPE	B-60	316100 MT	SWI-18, R5	X - - -	
F-A,B,C F0.00	23HB-H36 RESTRAINT	HISO 2356	316250 VT-3	SWI-38, R2	X - - -	
TORUS SUCTION						
C-F C5.11	23-2TS16-3 ELBOW TO PIPE	B-61	317700 MT	SWI-18, R4	X - - -	
F-A,B,C F0.00	23HB-H30 SPRING SUPPORT	HISO 2353	317950 VT-3 VT-4	SWI-38, R2	X - - - X - - -	
C-F C5.11	23-2TS16-17 PIPE TO TEE	B-61	319200 MT MT	SWI-18, R5	- X - - X - - -	NON-RELEVANT INDICATION REMOVED BY FLAPPING.
F-A,B,C F0.00	23HB-H23 SPRING SUPPORT	HISO 2353	319300 VT-3 VT-4	SWI-38, R2	X - - - X - - -	
DISCHARGE						
F-A,B,C F0.00	23DDN-HBA SPRING HANGER	HISO 2355	321200 VT-3 VT-4	SWI-38, R2	X - - - X - - -	
F-A,B,C F0.00	23DDN-S33 HYDRAULIC SNUBBER	HISO 2355	321300 VT-3	SWI-38, R2	X - - -	

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HIGH PRESSURE COOLANT INJECTION

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O R O C R M R R	REMARKS
C-F C5.21	<u>DISCHARGE</u> 23-2D14-3 PIPE TO ELBOW	B-62A	321400	MT UT 0 UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	ROOT AND ID GEOMETRY. LIMITED EXAM UPSTREAM DUE TO INTEGRAL ATTACHMENT.
F-A,B,C F0.00	23DDN-S30 SWAY STRUT	HISO C355	321775	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	23DDN-H14 SPRING SUPPORT	HISO 2355	322850	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	23DDN-S24 SWAY STRUT	HISO 2355	322875	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	23DDN-S45 MECHANICAL SNUBBER	HISO 2355	323850	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	23DDN-H20 SPRING HANGER	HISO 2355	324050	VT-3 VT-4	SWI-38, R2 not performed	X - - - -	PERFORMED VT-3 ONLY.
C-F C5.21	23-2D14-29 ELBOW TO TEE	B-62B	324200	MT UT 0 UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	ROOT AND COUNTERBORE GEOMETRY. NO EXAM DOWNSTREAM DUE TO TEE CONFIGURATION.
F-A,B,C F0.00	23DBN-H63 SPRING HANGER	HISO 2354	324340	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
C-C C3.20	23DBN-H63(1A) INTEGRAL ATTACHEMNT	HISO 2354	324360	MT	SWI-18, R4	X - - - -	

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HIGH PRESSURE COOLANT INJECTION

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
C-F	DISCHARGE 23-2D14-31 PIPE TO VALVE	B-62B	324400	MT UT 0 UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	COUNTERBORE GEOMETRY. NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION.
F-A,B,C F0.00	OUT 23DBN-H60 SPRING HANGER	HISO 2352	325625	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
C-F C5.21	23-O-22 PIPE TO ELBOW	B-63A	325100	MT UT 0 UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	COUNTERBORE AND OD GEOMETRY. AND AN ACCEPTABLE NON-GEOMETRIC INDICATION.
C-F C5.21	23-O-23 ELBOW TO PIPE	B-63A	325200	MT UT 0 UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	OD AND COUNTERBORE GEOMETRY.
F-A,B,C F0.00	23DBN-H59 SPRING HANGER	HISO 2352	325250	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	23DBN-H55 SPRING HANGER	HISO 2352	325750	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	23DBN-H43 SPRING HANGER	HISO 2351	326350	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
F-A,B,C F0.00	23DBN-S3 RIGID SUPPORT	HISO 2351	327250	VT-3	SWI-38, R2	X - - - -	

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HIGH PRESSURE COOLANT INJECTION

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
C-F C5.21	OUT 23-0-47 PIPE TO REDUCER	B-63B	327700	MT	SWI-18, R5	X - - - -	MT EXAM PERFORMED BUT WAS LIMITED DUE TO SUPPORT OBSTRUCTION 5" COULD NOT BE EXAMINED. NO SECTION XI CREDIT WAS TAKEN FOR EXAM.
C-F C5.21	23-0-49 PIPE TO VALVE	B-63B	327900	MT UT 0 UT 45 S UT 45T S	SWI-18, R5 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	COUNTERBORE GEOMETRY.
F-A,B,C F0.00	23DRN-H39 SPRING HANGER	HISO 2351	328250	VT-3 VT-4	SWI-38, R2	X - - - - X - - - -	
C-F C5.21	HIGH PRESS COOL INJECTION 23-2HPCI10-1 REDUCER TO PIPE	B-64	329000	MT UT 0 UT 45 S UT 45T S	SWI-18, R4 UT-PE-002, R5	X - - - - X - - - - - - X - - X - - - -	ROOT AND COUNTERBORE GEOMETRY.

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SYSTEM FUNCTIONAL TEST

ASME SEC. XI CATGY		WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION		FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR O E G T E R C E H P E O O E O C R M R R						REMARKS
C-H	*	PRESS VESS, PIPING, VLVS, PPS SBLC SYSTEM PRESSURE RETAINING COMPONENTS		400000	VT-2	ST/ISI 6	- X - - -	-	X	-	-	-	-	FULL FUNCTIONAL TEST COMPLETED.
C-H	*	RCIC SYSTEM PRESSURE RETAINING COMPONENTS		400100	VT-2	ST/ISI 6	- X - - -	-	X	-	-	-	-	FULL FUNCTIONAL TEST COMPLETED.
C-H	*	RHR SYSTEM PRESSURE RETAINING COMPONENTS		400200	VT-2	ST/ISI 6	- X - - -	-	X	-	-	-	-	FULL FUNCTIONAL TEST COMPLETED.
C-H	*	HPCI SYSTEM PRESSURE RETAINING COMPONENTS		400400	VT-2	ST/ISI 6	- X - - -	-	X	-	-	-	-	FULL FUNCTIONAL TEST COMPLETED.
C-H	*	SCRAM DIS VOL SYSTEM PRESSURE RETAINING COMPONENTS		400600	VT-2	ST/ISI 6	X - - - -	-	X	-	-	-	-	FULL FUNCTIONAL TEST COMPLETED.

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SYSTEM HYDROSTATIC TEST

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER METHOD	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR OE GTE RC EHP EO OEO C R H R R	REMARKS
C-H	___PRESS VESS, PIPING, VLVS, PPS___ RHR SYSTEM * PRESSURE RETAINING COMPONENTS	401200	VT-2	ST/ISI 6	X - - - -	PARTIAL TEST COMPLETED. PERFORMED ON RHR HEAD SPRAY PIPING DUE TO MOD 1536.
C-H	CORE SPRAY SYSTEM * PRESSURE RETAINING COMPONENTS	401300	VT-2	ST/ISI 6	- X - - -	FULL HYDROSTATIC TEST COMPLETED.
C-H	SCRAM DIS VOL SYSTEM * PRESSURE RETAINING COMPONENTS	401600	VT-2	ST/ISI 6	- X - - -	PARTIAL TEST COMPLETED. PERFORMED ON CLEAN-OUT CONNECTION REPAIRS.

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HIGH PRESSURE SERVICE WATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER METHOD	NDE USED PROCEDURE NO.	NR OR OTE RC E O C R M R R	REMARKS
F-A,B,C F0.00	32GB-S54A RIGID SUPPORT	HISO 640200 VT-3 3251	SWI-38, R2	X - - - -	
D-B D2.20	32GB-S54A(1A) INTEGRAL ATTACHMENT	HISO 640250 VT-3 3251	SWI-38, R2	X - - - -	
F-A,B,C F0.00	32GB-H75 RIGID HANGER	HISO 640500 VT-3 3252	SWI-38, R2	X - - - -	MEDIUM CORROSION NOTED.
F-A,B,C F0.00	32GB-H76 RIGID HANGER	HISO 640550 VT-3 3252	SWI-38, R2	X - - - -	MEDIUM CORROSION NOTED.
F-A,B,C F0.00	32GB-S46A RIGID HANGER	HISO 640600 VT-3 3252	SWI-38, R2	X - - - -	MEDIUM CORROSION NOTED.
F-A,B,C F0.00	32GB-S53A RIGID HANGER	HISO 640650 VT-3 3252	SWI-38, R2	X - - - -	MEDIUM CORROSION NOTED.
F-A,B,C F0.00	32GB-H92 RIGID HANGER	HISO 640950 VT-3 3253	SWI-38, R2	X - - - -	
F-A,B,C F0.00	32GB-S16 RIGID SUPPORT	HISO 641400 3253	SWI-38, R2	- - - - -	INACCESSABLE, BURIED IN WALL.
D-B D2.20	32GB-S16(1A) INTEGRAL ATTACHMENT	HISO 641450 3253	SWI-38, R2	- - - - -	INACCESSABLE, BURIED IN WALL.

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PEACH BOTTOM NUCLEAR POWER STATION UNIT 3
 INSERVICE EXAMINATION SUMMARY FOR THE SECOND INTERVAL, FIRST PERIOD (1987)
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HIGH PRESSURE SERVICE WATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER METHOD	NDE USED PROCEDURE NO.	NR OR REGTE RCEHP E O O E O C R M R R	REMARKS
F-A,B,C 32GB-S35 FO.00 RIGID SUPPORT		HISO 641800 VT-3 3253	SWI-38, R2	X - - -	
F-A,B,C 31JB-H40A FO.00 RIGID SUPPORT		HISO 642050 VT-3 3253	SWI-38, REV 2	X - - -	
F-A,B,C 31JB-H40B FO.00 RIGID SUPPORT		HISO 642100 VT-3 3253	SWI-38, REV 2	X - - -	
F-A,B,C 32GB-S19 FO.00 RIGID SUPPORT		HISO 642400 VT-3 3254	SWI-38, R2	X - - -	
D-B 32GB-S19(1A) D2.20 INTEGRAL ATTACHMENT		HISO 642450 VT-3 3254	SWI-38, R2	X - - -	
F-A,B,C 32GB-S25 FO.00 RIGID SUPPORT		HISO 643000 VT-3 3254	SWI-38, R2	X - - -	
D-B 32GB-S25(1A) D2.20 INTEGRAL ATTACHMENT		HISO 643050 VT-3 3254	SWI-38, R2	X - - -	
F-A,B,C 32GB-S48 FO.00 RIGID HANGER		HISO 644100 VT-3 3256	SWI-38, R2	X - - -	
F-A,B,C 32GB-S51 FO.00 RIGID HANGER		HISO 644250 VT-3 3256	SWI-38, R2	X - - -	

PEACH BOTTOM NUCLEAR POWER STATION UNIT 3
INSERVICE EXAMINATION SUMMARY FOR THE SECOND INTERVAL, FIRST PERIOD (1987)
CLASS 3 COMPONENTS

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HIGH PRESSURE SERVICE WATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER METHOD	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
F-A,B,C 32GB-S55 F0.00	RIGID SUPPORT(RESTRAINT)	HISO 3256	644400 VT-3	SWI-38, R2	X - - -	
D-B 32GB-S55(1A) D2.20	INTEGRAL ATTACHMENT	HISO 3256	644450 VT-3	SWI-38, R2	X - - -	
F-A,B,C 32GB-S45 F0.00	RIGID HANGER	HISO 3256	644600 VT-3	SWI-38, R2	X - - -	
F-A,B,C 32GB-H51 F0.00	RIGID HANGER	HISO 3257	644800 VT-3	SWI-38, R2	X - - -	
F-A,B,C 32GB-H28 F0.00	SPRING HANGER	HISO 3258	645100 VT-3	SWI-38, R2	X - - -	
D-B 32GB-H28(1A) D2.40	INTEGRAL ATTACHMENT	HISO 3258	645150 VT-3	SWI-38, R2	X - - -	
F-A,B,C 32GB-S43 F0.00	SWAY STRUT	HISO 3258	645350 VT-3	SWI-38, R2	X - - -	
F-A,B,C 32GB-S62 F0.00	GUIDE	HISO 3258	645550 VT-3	SWI-38, R2	X - - -	
F-A,B,C 32GB-H27 F0.00	RIGID SUPPORT	HISO 3259	646300 VT-3	SWI-38, R2	X - - -	

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HIGH PRESSURE SERVICE WATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
D-B D2.40	32GB-H27(1A) INTEGRAL ATTACHMENT	HISO 3260	646350	VT-3	SWI-38, R2	X - - - -	
F-A,B,C F0.00	32GB-S59 RIGID SUPPORT	HISO 3260	646500	VT-3	SWI-38, R2	X - - - -	

FEACH BOTTOM NUCLEAR POWER STATION UNIT 3
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EMERGENCY SERVICE WATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O S G T E R C E H P E O O E O C R M R R	REMARKS
F-A,B,C 33HB-H144 F0.00 SPRING SUPPORT		HISO 3351	650200 VT-3 VT-4	SWI-38, R2	X - - - X - - -	
D-B 33HB-H144(IA) D2.40 INTEGRAL ATTACHMENT		HISO 3351	650250 VT-3	SWI-38, R2	X - - -	
F-A,B,C 33HB-S149 F0.00 RIGID SUPPORT		HISO 3351	650450 VT-3	SWI-38, R2	X - - -	
D-B 33HB-S149(IA) D2.20 INTEGRAL ATTACHMENT		HISO 3351	650800 VT-3	SWI-38, R2	X - - -	
F-A,B,C 33HB-S133 F0.00 RIGID SUPPORT		HISO 3352	650650 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33JB-S165 F0.00 RIGID SUPPORT		HISO 3352	650700 VT-3	SWI-38, R2	X - - -	
D-B 33JB-S165(IA) D2.20 INTEGRAL ATTACHMENT		HISO 3352	650750 VT-3	SWI-38, R2	X - - -	
F-A,B,C 33HB-H142 F0.00 RIGID HANGER		HISO 3352	650800 VT-3	SWI-38, R2	X - - -	MOD 2106 BASELINE EXAM.
D-B 33HB-H142(IA) D2.20 INTEGRAL ATTACHMENT		HISO 3352	650850 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.

PEACH BOTTOM NUCLEAR POWER STATION UNIT 3
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CLASS 3 COMPONENTS

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EMERGENCY SERVICE WATER

ASME SEC. XI CATY ITEM NO	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER METHOD	NODE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
F-A,B,C 33HB-S140 F0.00	RIGID HANGER (SEISMIC)	HISO 650950 VT-3 3352	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H127 F0.00	ANCHOR	HISO 651100 VT-3 3353	SWI-38, R2	X - - -	
D-B 33HB-H127(1A) D2.20	INTEGRAL ATTACHMENT	HISO 651150 VT-3 3353	SWI-38, R2	X - - -	
F-A,B,C 33HB-S75 F0.00	RIGID SUPPORT	HISO 651350 VT-3 3353	SWI-38, R2	X - - -	
F-A,B,C 33HB-S78 F0.00	ANCHOR	HISO 651600 VT-3 3353	SWI-38, R2	X - - -	
D-B 33HB-S78(1A) D2.20	INTEGRAL ATTACHMENT	HISO 651650 VT-3 3353	SWI-38, R2	X - - -	
F-A,B,C 33HB-S129 F0.00	ANCHOR (WALL)	HISO 651700 VT-3 3354	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
D-B 33HB-S129(1A) D2.20	INTEGRAL ATTACHMENT	HISO 651750 VT-3 3354	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S131 F0.00	RIGID SUPPORT	HISO 651900 VT-3 3354	SWI-38, R2	X - - -	

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EMERGENCY SERVICE WATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N E O R O E G T R R C E H P E O O E O C R M R R	REMARKS
F-A,B,C 33HB-S50 FO.00 RIGID SUPPORT		HISO 3354	652050 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S63 FO.00 RIGID HANGER		HISO 3355	652100 VT-3	SWI-38, R2	X - - -	
F-A,B,C 33HB-S66 FO.00 RIGID HANGER		HISO 3355	652300 VT-3	SWI-38, R2	X - - -	
F-A,B,C 33HB-S69 FO.00 RIGID HANGER		HISO 3355	652450 VT-3	SWI-38, R2	X - - -	
F-A,B,C 33HB-H126 FO.00 RIGID SUPPORT		HISO 3355	652650 VT-3	SWI-38, R2	X - - -	
D-B 33HB-H126(1A) D2.20 INTEGRAL ATTACHMENT		HISO 3355	652700 VT-3	SWI-38, R2	X - - -	
F-A,B,C 33HB-S130 FO.00 RIGID SUPPORT		HISO 3355	652750 VT-3	SWI-38, REV 2	X - - -	
F-A,B,C 33HB-H135 FO.00 RIGID SUPPORT		HISO 3355	652850 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S159 FO.00 ANCHOR		HISO 3355	652950 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM. THE SAME SUPPORT 33HB-S159A IS

PEACH BOTTOM NUCLEAR POWER STATION UNIT 3
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EMERGENCY SERVICE WATER

ASME SEC. XI CATEY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER METHOD	NTE USED PROCEDURE NO.	NR OR OEGTE RCEHP EOGEO CRMRR	REMARKS
D-B	33HB-S159(1A)				
D2.20	INTEGRAL ATTACHMENT				
F-A,B,C	33HB-S49				
F0.00	RIGID SUPPORT	HISO 3355	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C	33HB-H33				
F0.00	RIGID SUPPORT	HISO 3356	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C	33HB-S52				
F0.00	GUIDE	HISO 3356	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C	33HB-S55				
F0.00	RIGID HANGER	HISO 3357	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C	33HB-S58				
F0.00	RIGID SUPPORT	HISO 3357	SWI-38, R2	X - - -	
F-A,B,C	33HB-H1				
F0.00	RIGID HANGER	HISO 3352	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C	33-S-H3				
F0.00	GUIDE	HISO 3356	SWI 38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C	33HB-H153				
F0.00	GUIDE	HISO 3360	SWI 38, REV 2	X - - -	MOD 2106 BASELINE EXAM.

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EMERGENCY SERVICE WATER

ASME SEC. XI CATG. X1 ITEM NO EXAMINATION AREA IDENTIFICATION	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER METHOD	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR O E G T E R C E H P E O O E O C R M R R	REMARKS
F-A,B,C 33HB-H155 F0.00 GUIDE		HISO 3360	653370 VT-3	SWI 38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H157 F0.00 RIGID HANGER		HISO 3360	653375 VT-3	SWI 38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H159 F0.00 RIGID HANGER		HISO 3360	653380 VT-3	SWI 38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H161 F0.00 GUIDE		HISO 3360	653385 VT-3	SWI 38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H163 F0.00 GUIDE		HISO 3387	653390 VT-3	SWI-38, R. 2	X - - -	MOD 2106 BASELINE EXAM.
D-B 33HB-H163(1A) D2.20 INTEGRAL ATTACHMENT		HISO 3387	653395 VT-3	SWI 38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H165 F0.00 GUIDE		HISO 3382	653400 VT-3	SWI 38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H167 F0.00 GUIDE		HISO 3382	653405 VT-3	SWI 38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H169 F0.00 RESTRAINT		HISO 3382	653410 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.

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EMERGENCY SERVICE WATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR OEGTE RC EHP E O E O C R M R R	REMARKS
F-A,B,C 33HB-H173 FO.00 GUIDE		HISO 3360	653415 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H175 FO.00 GUIDE		HISO 3382	653420 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H177 FO.00 GUIDE		HISO 3382	653425 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H183 FO.00 GUIDE		HISO 3359	653430 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H191 FO.00 GUIDE		HISO 3359	653435 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H192A FO.00 GUIDE		HISO 3359	653440 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H194 FO.00 GUIDE		HISO 3359	653445 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-H198 FO.00 GUIDE		HISO 3359	653450 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S80 FO.00 GUIDE		HISO 3357	653460 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.

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EMERGENCY SERVICE WATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	NR OR O E G T E R C E H F E O O E O C R M R R	REMARKS
F-A,B,C 33HB-S81 FO.00 RIGID HANGER		HISO 3357	653465 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S85 FO.00 GUIDE		HISO 3357	653470 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S87 FO.00 RIGID HANGER		HISO 3357	653475 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S91 FO.00 RIGID HANGER		HISO 3357	653480 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S93 FO.00 GUIDE		HISO 3357	653485 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S95 FO.00 GUIDE		HISO 3381	653490 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S101 FO.00 GUIDE		HISO 3381	653495 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S103 FO.00 RIGID HANGER		HISO 3381	653500 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S109 FO.00 GUIDE		HISO 3383	653505 VT-3	SWI-38, REV 2	X - - -	MOD 2106 BASELINE EXAM.

FEACH BOTTOM NUCLEAR POWER STATION UNIT 3
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EMERGENCY SERVICE WATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER METHOD	NDE USED PROCEDURE NO.	NR OR OEGTF RCSHP E00EO C RMRR	REMARKS
F-A,B,C FO.00	33HB-S111 GUIDE	HISO 3383	653510 VT-3	SWI-38, REV 2	X - - - - MOD 2106 BASELINE EXAM.
D-B D2.20	33HB-S111(1A) INTEGRAL ATTACHMENT	HISO 3383	653515 VT-3	SWI-38, REV 2	X - - - - MOD 2106 BASELINE EXAM.
F-A,B,C FO.00	33HB-S112 GUIDE	HISO 3387	653520 VT-3	SWI-38, REV 2	X - - - - MOD 2106 BASELINE EXAM.
D-B D2.20	33HB-S112(1A) INTEGRAL ATTACHMENT	HISO 3387	653525 VT-3	SWI-38, REV 2	X - - - - MOD 2106 BASELINE EXAM.
F-A,B,C FO.00	33HB-S117 GUIDE	HISO 3383	653530 VT-3	SWI-38, REV 2	X - - - - MOD 2106 BASELINE EXAM.
F-A,B,C FO.00	33HB-S118 GUIDE	HISO 3387	653535 VT-3	SWI-38, REV 2	X - - - - MOD 2106 BASELINE EXAM.
F-A,B,C FO.00	33HB-S121 GUIDE	HISO 3378	653540 VT-3	SWI-38, REV 2	X - - - - MOD 2106 BASELINE EXAM.
F-A,B,C FO.00	33HB-S122 GUIDE	HISO 3377	653545 VT-3	SWI-38, REV 2	X - - - - MOD 2106 BASELINE EXAM.
F-A,B,C FO.00	33HB-S123 RIGID HANGER	HISO 3378	653550 VT-3	SWI-38, REV 2	X - - - - MOD 2106 BASELINE EXAM.

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EMERGENCY SERVICE WATER

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER METHOD	NDE USED PROCEDURE NO.	NR OR REG T F R C E H F E O O E O C R M R R	REMARKS
F-A,B,C 33HB-S124 F0.00 RIGID HANGER		HISO 653555 VT-3 3377	SWI-38, REV 2	X - - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S125 F0.00 RIGID HANGER		HISO 653560 VT-3 3378	SWI-38, REV 2	X - - - -	MOD 2106 BASELINE EXAM.
F-A,B,C 33HB-S126 F0.00 RIGID HANGER		HISO 653565 VT-3 3377	SWI-38, REV 2	X - - - -	MOD 2106 BASELINE EXAM.

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SYSTEM INSERVICE OR FUNCTIONAL TESTS

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE SUMMARY NUMBER NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
D-B D2.10	___HIGH PRESSURE SERVICE WATE___ HPSW SYSTEM PRESSURE RETAINING COMPONENTS	660100	VT-2	ST/ISI-6	- X - - -	PARTIAL FUNCTIONAL/INSERVICE TEST COMPLETED. PERFORMED "A" LOOP ONLY

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SYSTEM HYDROSTATIC TESTS

ASME SEC. XI CATGY	WELD NUMBER AND/OR ITEM NO EXAMINATION AREA IDENTIFICATION	FIGURE NUMBER	SUMMARY NUMBER	EXAM METHOD	NDE USED PROCEDURE NO.	N R O R O E G T E R C E H P E O O E O C R M R R	REMARKS
D-B D2.10	EMERGENCY SERVICE WATER ESW SYSTEM PRESSURE RETAINING COMPONENTS		661000	VT-2	ST/ISI-6	- - - - X	FULL HYDROSTATIC TEST COMPLETED DUE TO MOD 2106 AND RHR SEAL WATER COOLER REPLACEMENTS. FOUND A TUBE LEAK IN THE 'A' ESW RHR UNIT COOLER. REPAIRED
D-B D2.10	HIGH PRESSURE SERVICE WATER HPSW SYSTEM PRESSURE RETAINING COMPONENTS		661100	VT-2	ST/ISI-6	- X - - -	FULL HYDROSTATIC TEST COMPLETED.

SECTION 2

SUMMARY OF INDICATIONS OBSERVED

SUMMARY OF INDICATIONS

As a result of examinations performed during the March 31, 1987, through November 11, 1989 in-service inspection period (second interval, first period), numerous indications were reported. Subsequent examinations and/or evaluations determined most indications to be either insignificant or geometric in nature. However, several reportable indications (5) were recorded and are summarized in the following table.

PEACH BOTTOM UNIT 3 REPORTABLE INDICATIONS

1987-1989 OUTAGE

EQUIPMENT #	INDICATION SUMMARY
Manhole Covers	Augmented ultrasonic examination identified cracking in the 0 and 180 degree manhole covers. The covers were removed and new bolted covers were installed.
12 DCN-H152	Spring can setting found out of range, reset.
23 DBN-H54	Spring can setting found out of range, reset.
23 DBN-H52	Spring can setting found out of range, reset.
"A" ESW RHR Unit Cooler Tube	Found cracked during hydrostatic test, repaired.

SECTION 3

CLASS 1 WELD IDENTIFICATION FIGURES

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A-7	Main Steam Loop "C"	7
A-8	Main Steam Loop "C"	8
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A-10	Main Steam Loop "D"	10
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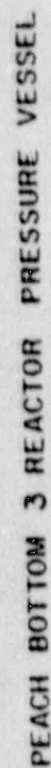
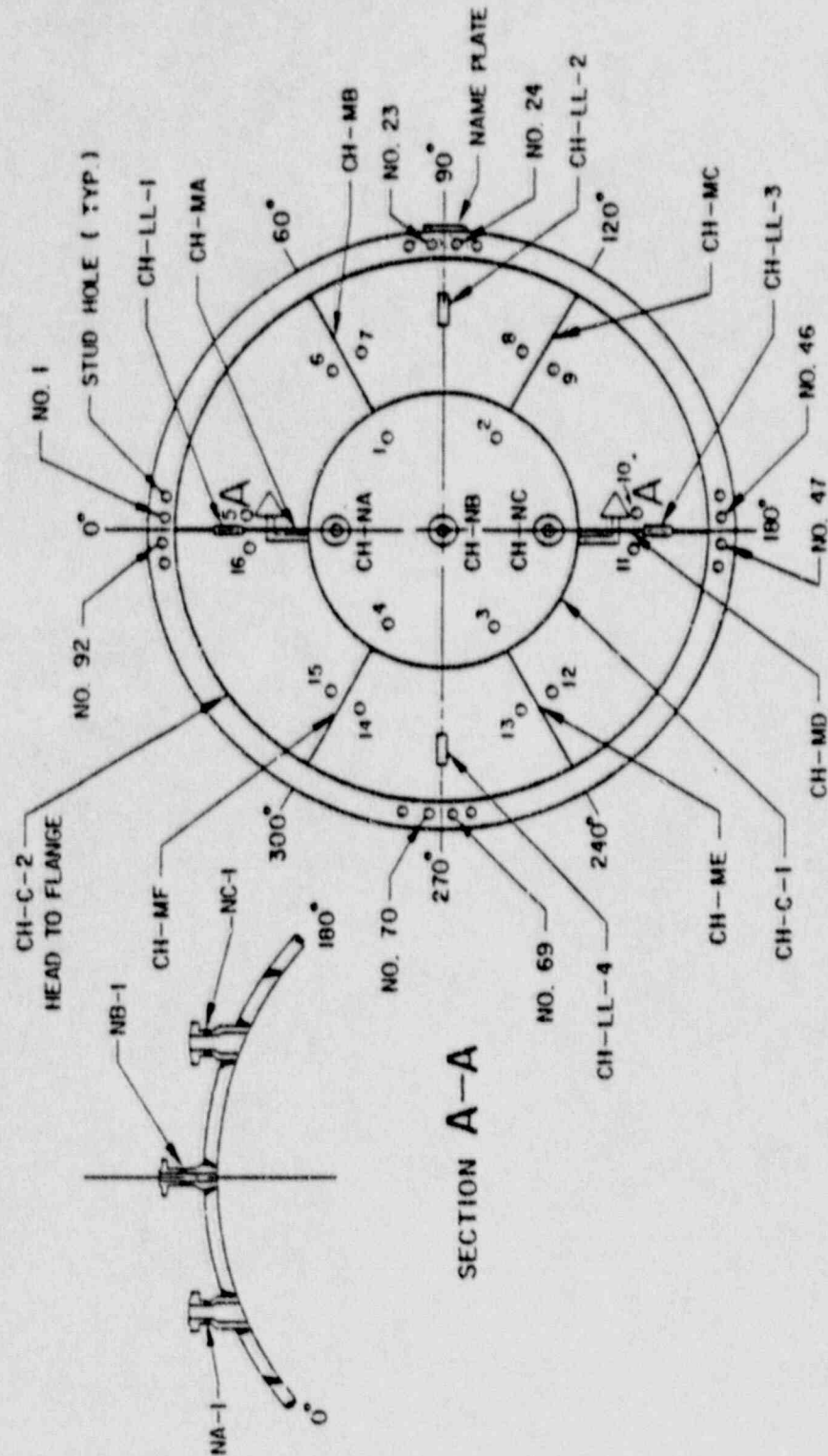


FIGURE A-1



PEACH BOTTOM 3 CLOSURE HEAD

FIGURE A-2

MAIN STEAM LOOP "A"

MATERIAL-CARBON STEEL
PIPE DATA-MAIN LINE (1-A)

NOM OD-26"

NOM WT-1.06"

MIN WT-0.950"

CAL. BLK. 26"CS-X-1.06-28-PER

PIPE DATA-SAFETY & RELIEF RISERS (AS)

NOM OD-6"

NOM WT-0.718" (Sch. 160)

NOM CIRC-21"

CAL. BLK. 6"CS-160-718-6A-PER

OD OF WELD MACHINED-CAN NOT

BE SEEN-SEE B & W DWG

NO. 129381 FOR DETAILS

NOTE: 26" PIPE IS SEAM WELDED

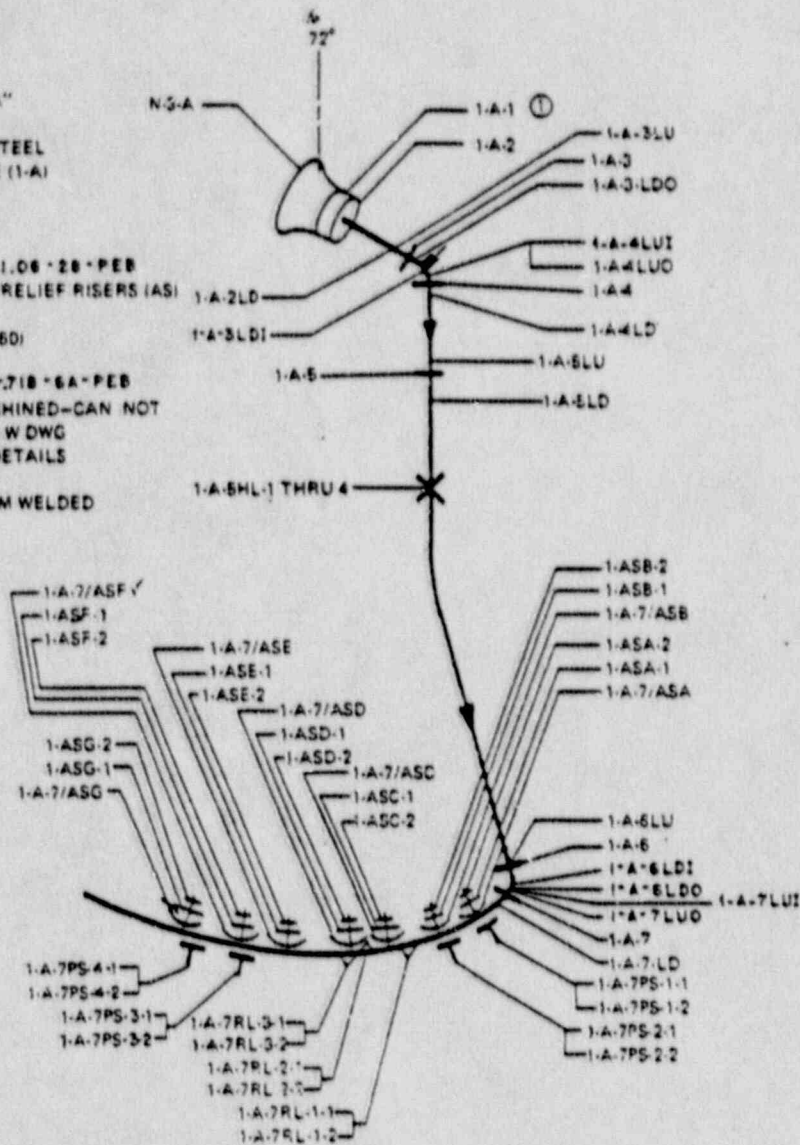
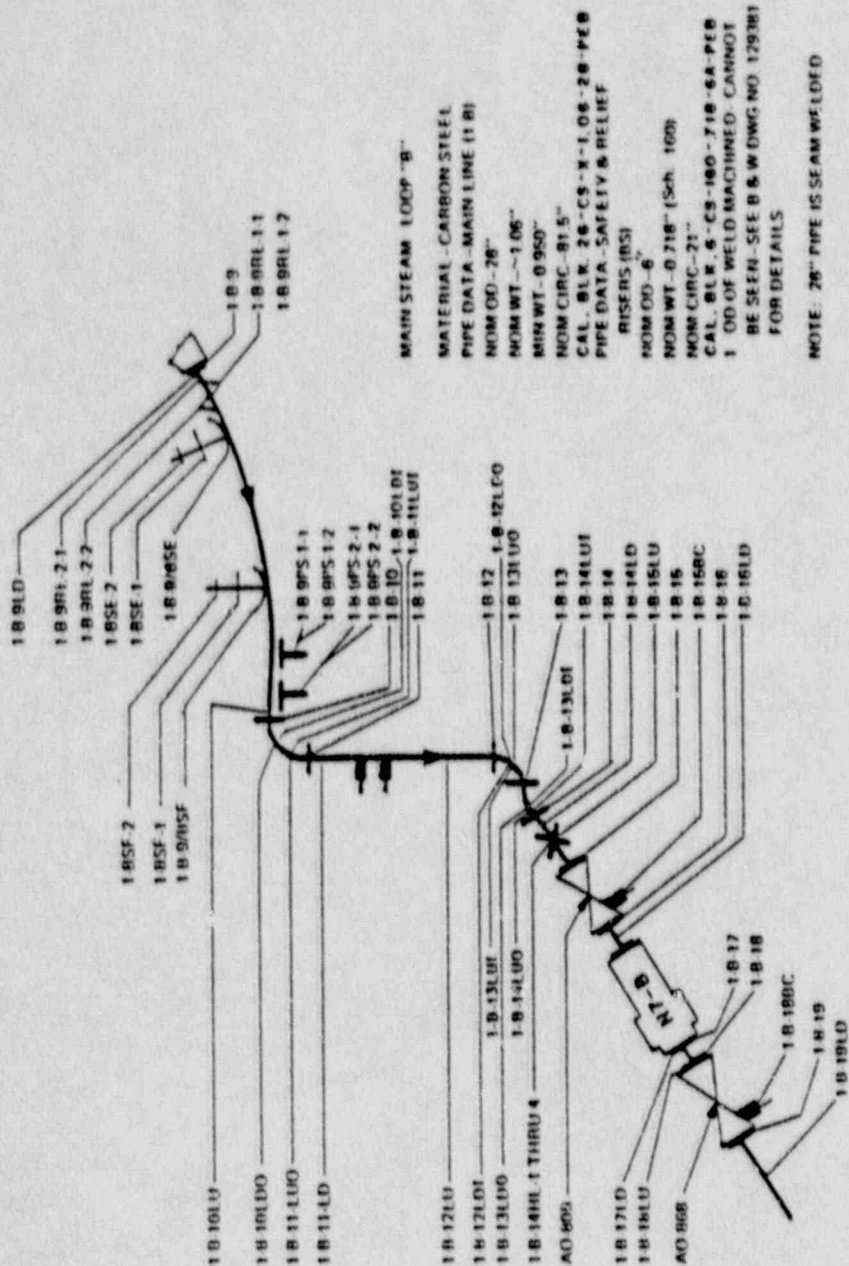


FIGURE A-3



MAIN STEAM LOOP "B"

MATERIAL - CARBON STEEL

PIPE DATA - MAIN LINE (1 B)

NOM OD - 26"

NOM WT - 1.06"

MIN WT - 0.950"

NOM CIRC - 81.5"

CAL. BLK. 26" CS - X-1.08-28-PER

PIPE DATA - SAFETY & RELIEF

RISERS (85)

NOM OD - 6"

NOM WT - 0.718" (Sch. 100)

NOM CIRC - 21"

CAL. BLK. 6" CS - 180-718-6A-PER

1 OD OF WELD MACHINED - CANNOT

BE SEEN - SEE B & W DWG NO. 129381

FOR DETAILS

NOTE: 26" PIPE IS SEAM WELDED

FIGURE A-6

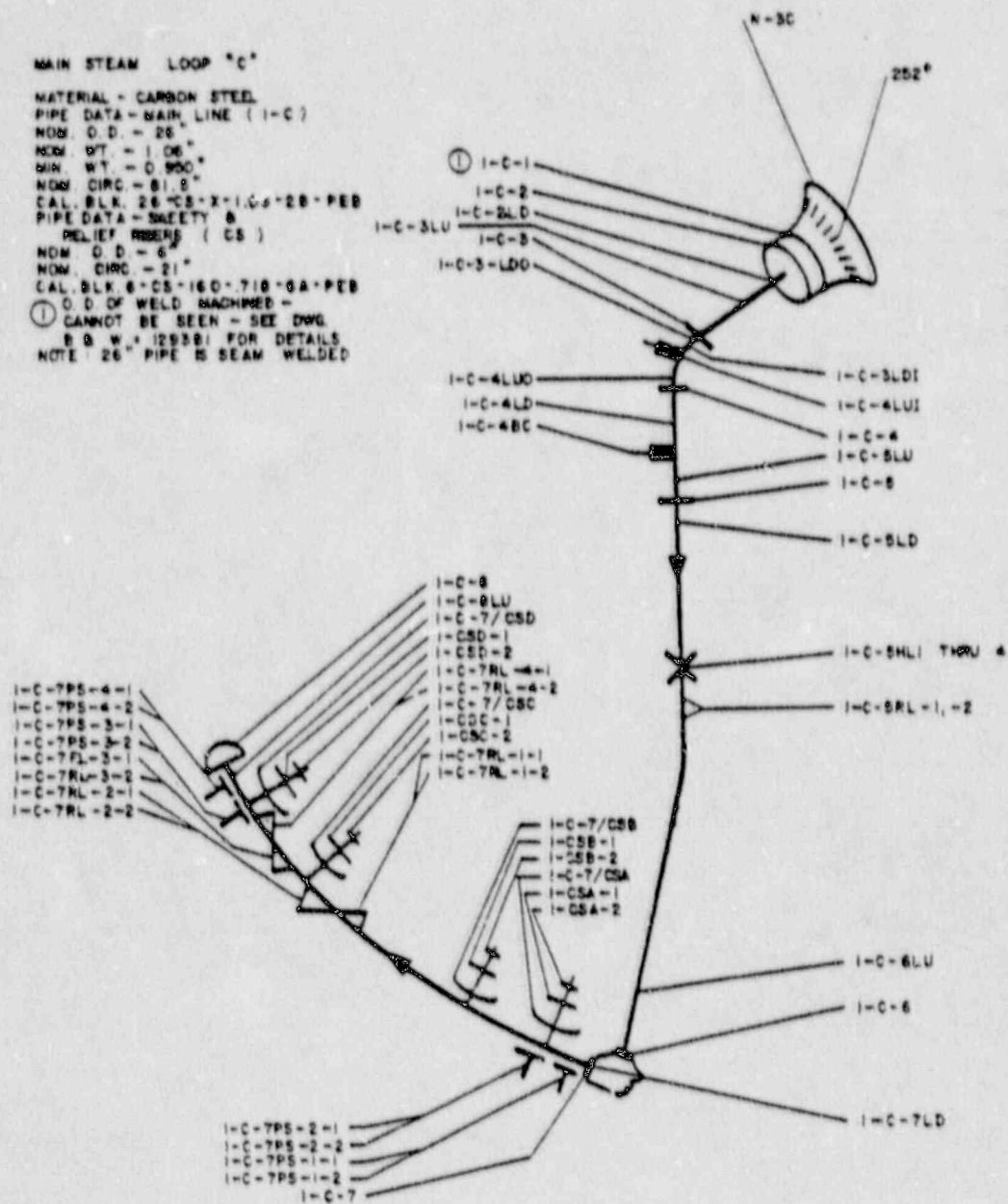


FIGURE A-7

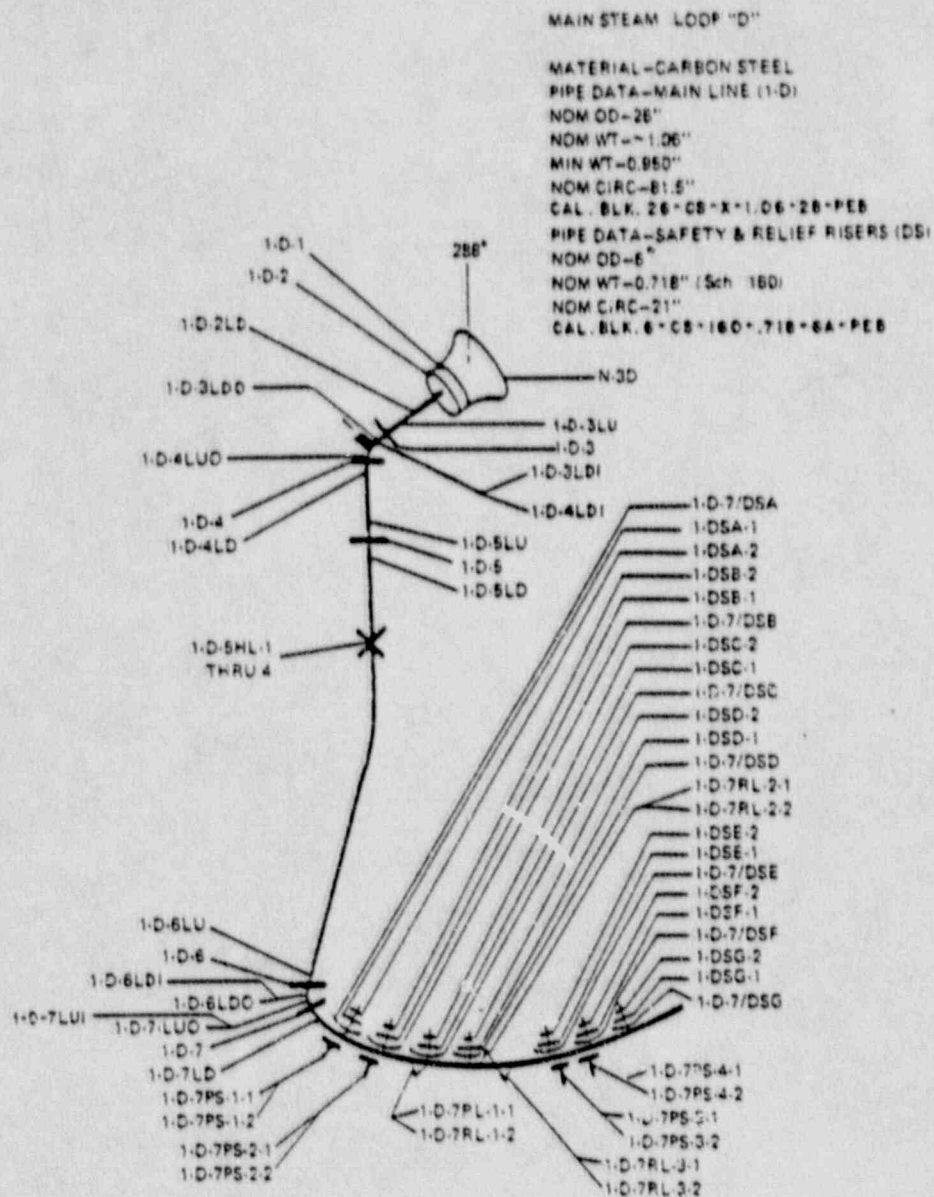


FIGURE A-9

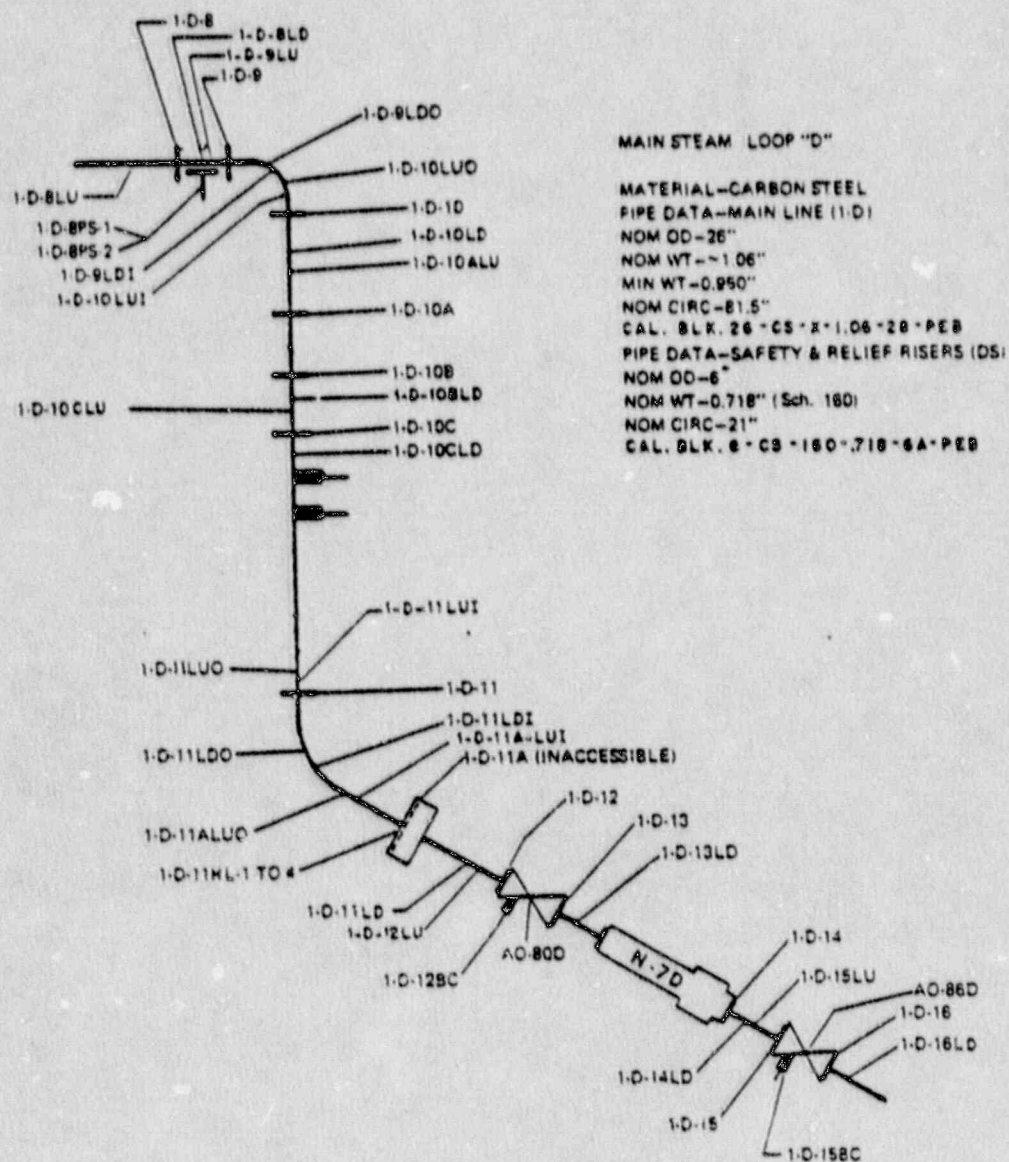
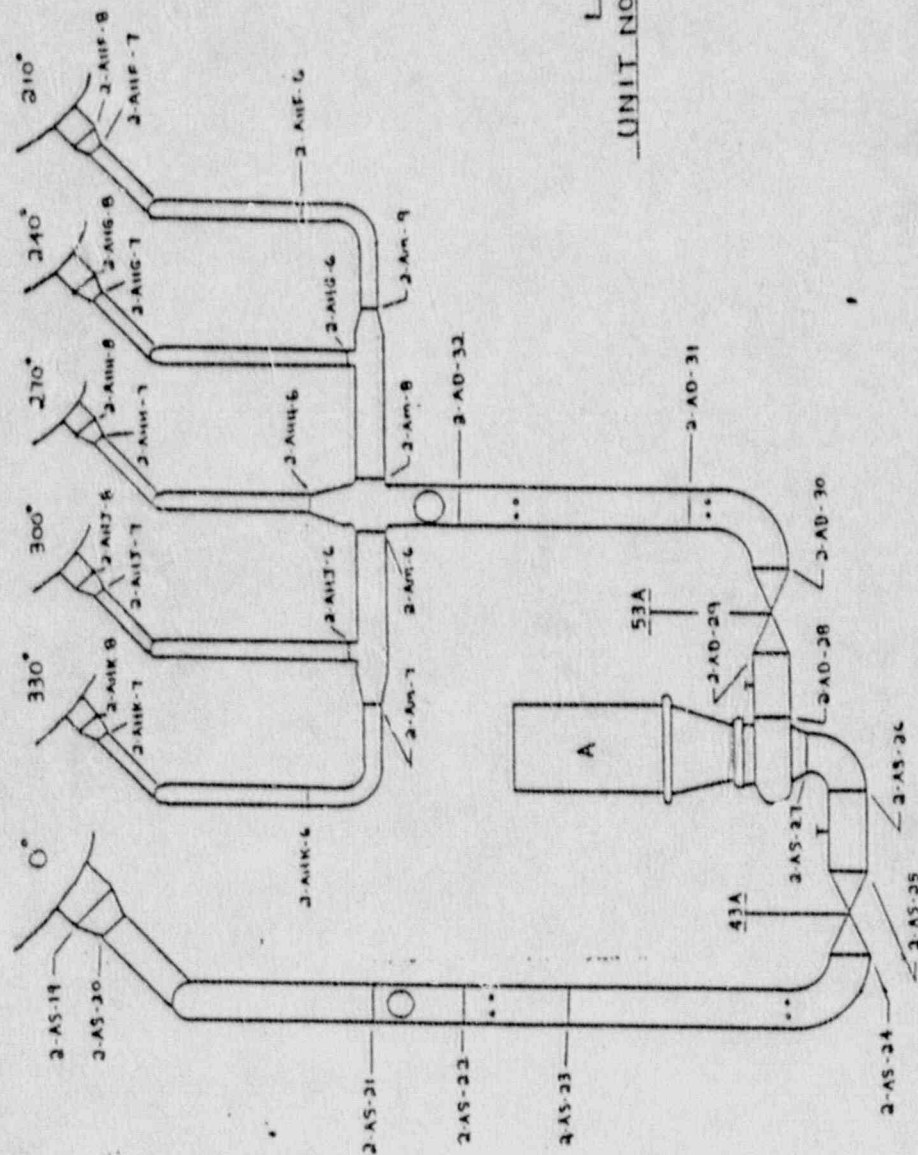


FIGURE A-10



LOOP "A"
UNIT NO 3 RECIRC PIPING

FIGURE A-11

311
6-20-57

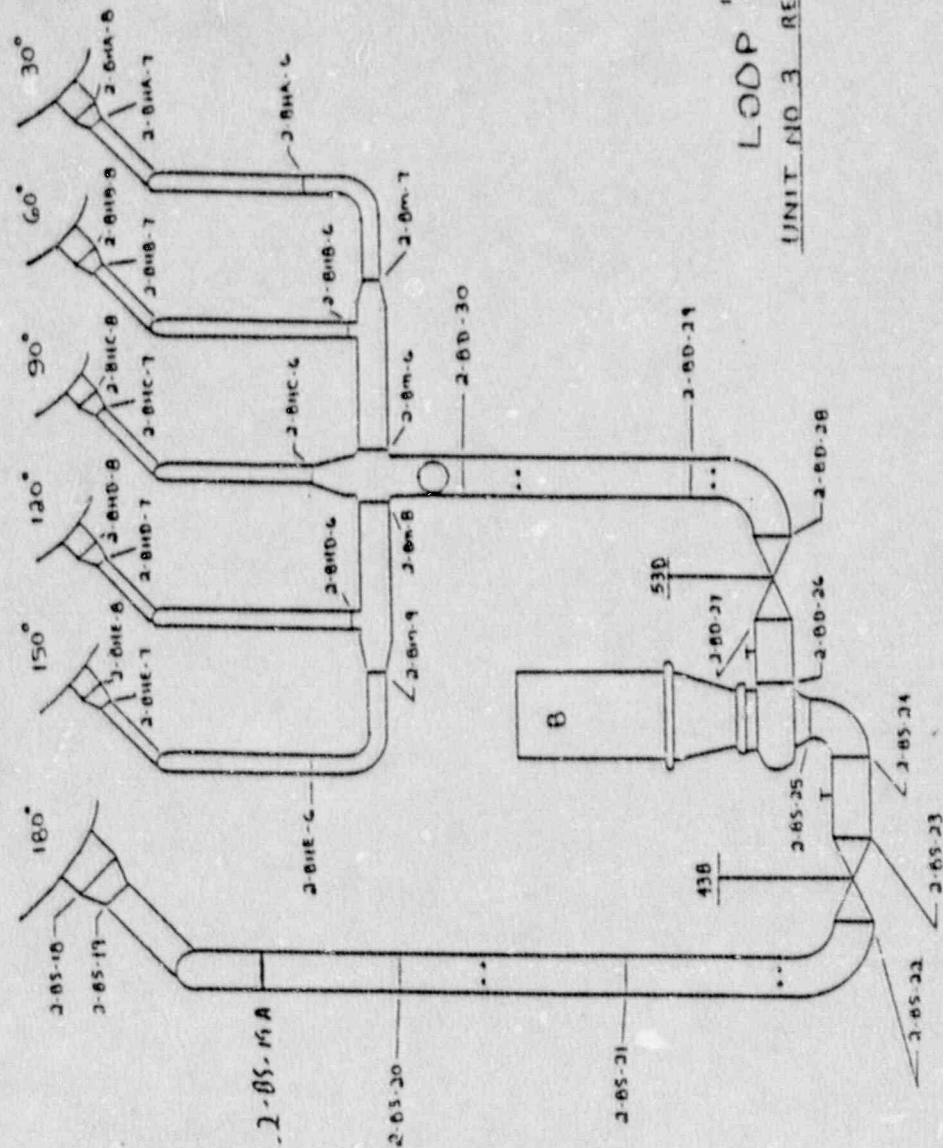


FIGURE A-12

UI No 3

RECIRC PIPING CLEAN-OUT CONNECTIONS

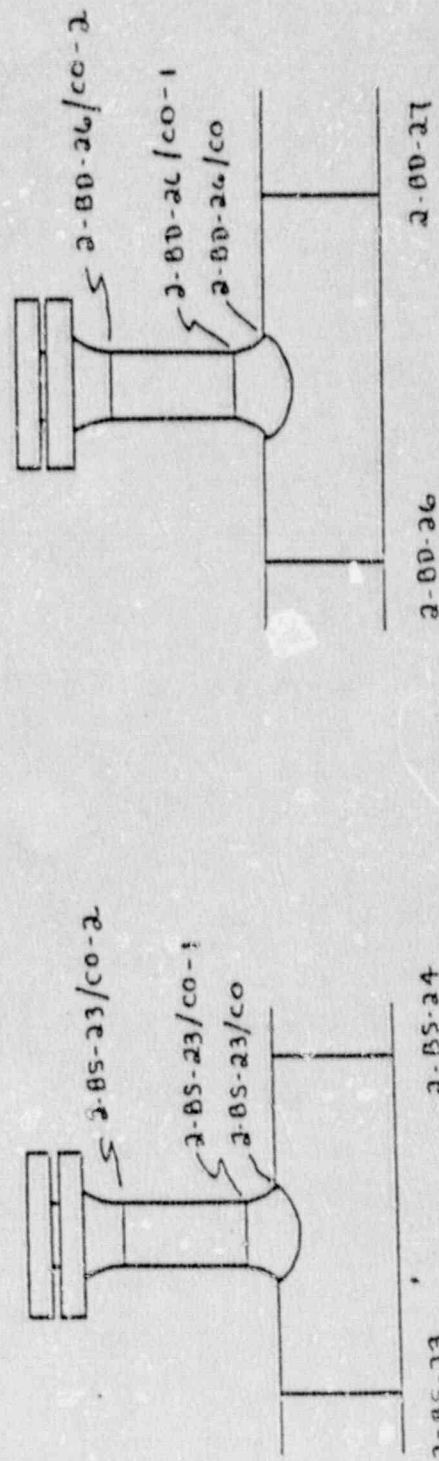
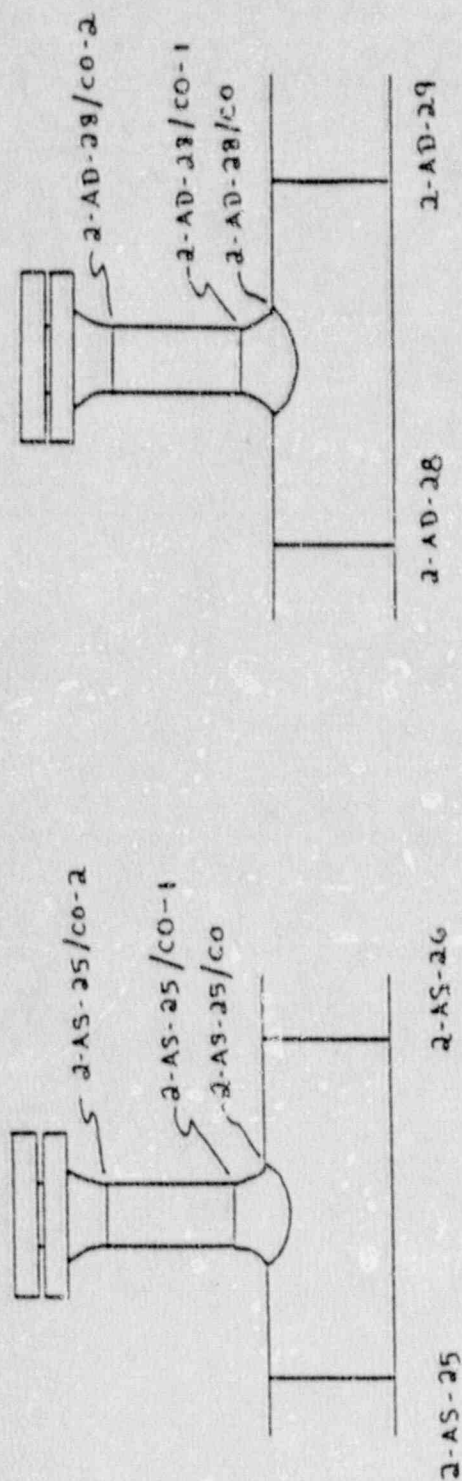
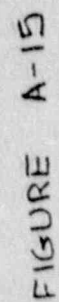


FIGURE A-13

JTS 6-30-81



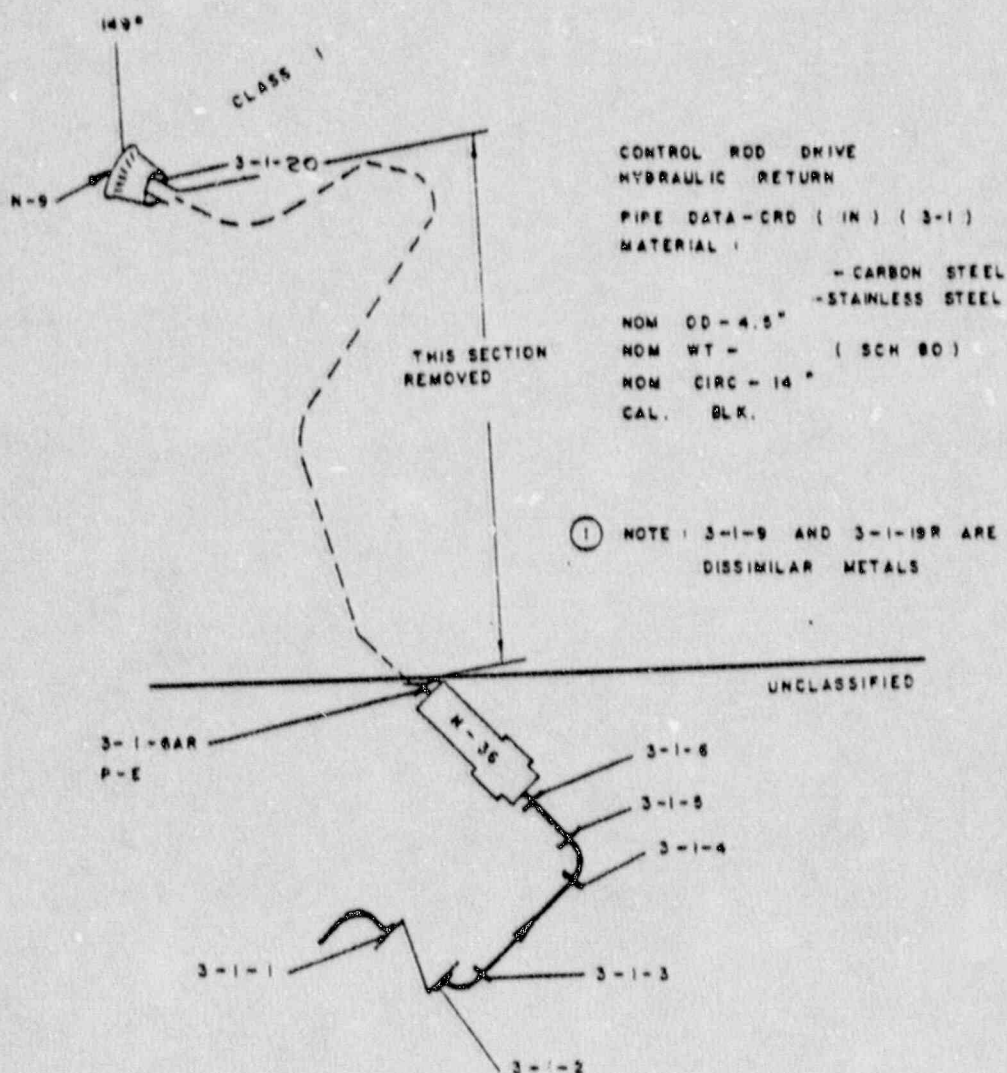


FIGURE A-19

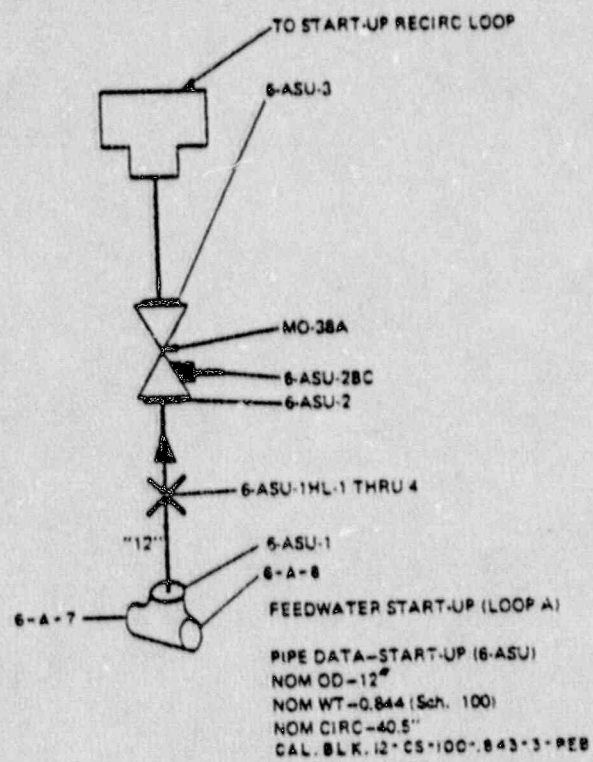


FIGURE A-22



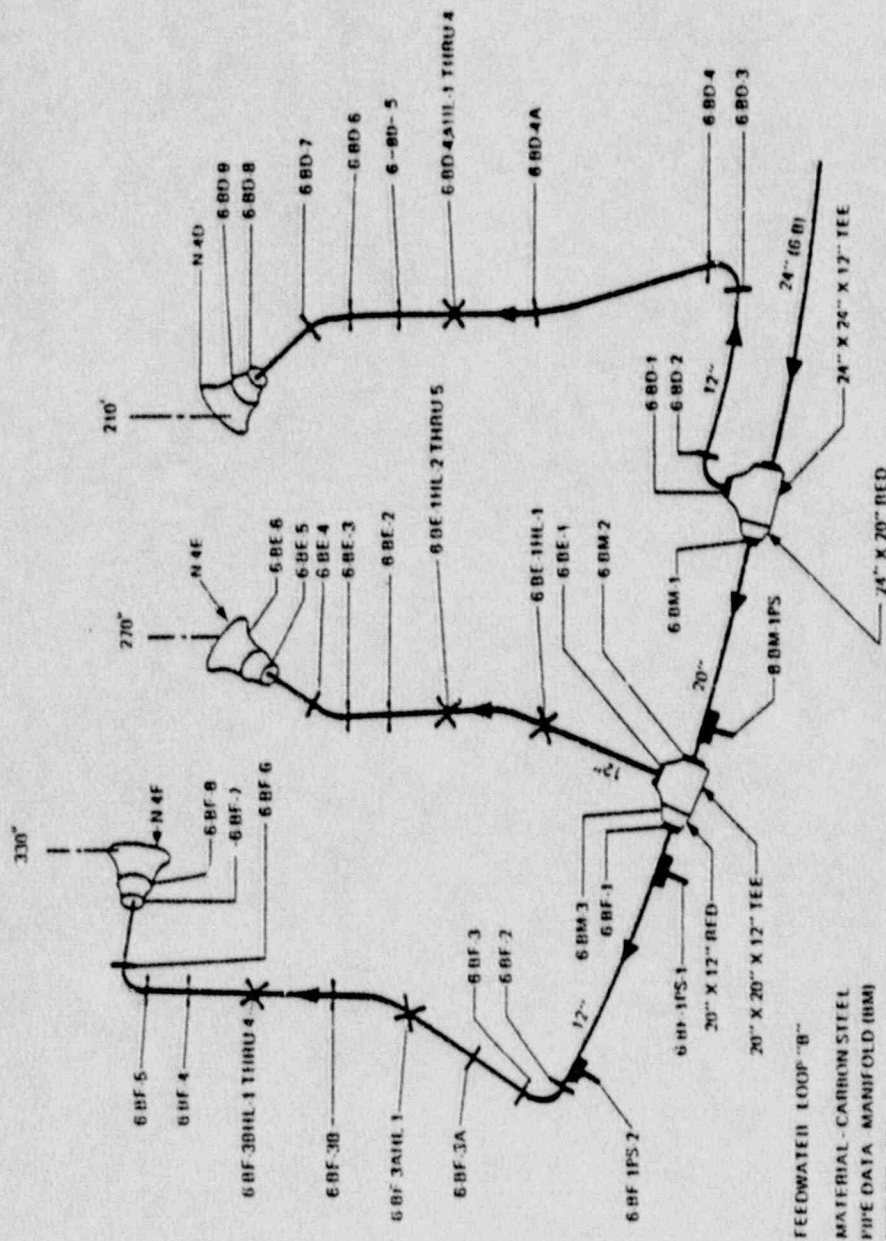


FIGURE A-24

FEEDWATER LOOP "B"

MATERIAL - CARBON STEEL

PIPE DATA - MANIFOLD (BM)

NOM OD - 20"

NOM WT - 1.201" (Sch. 100)

FROM CHIC - 63"

CAL. RLK - 20" CS-100-1.261-13A-PFB

PIPE DATA - DE/HL (DE, HL, BF)

NOM OD - 12"

NOM WT - 0.6431 (Sch. 100)

FROM CHIC - 40.5"

CAL. BLK - 12" CS-100-0.643-3-PFB

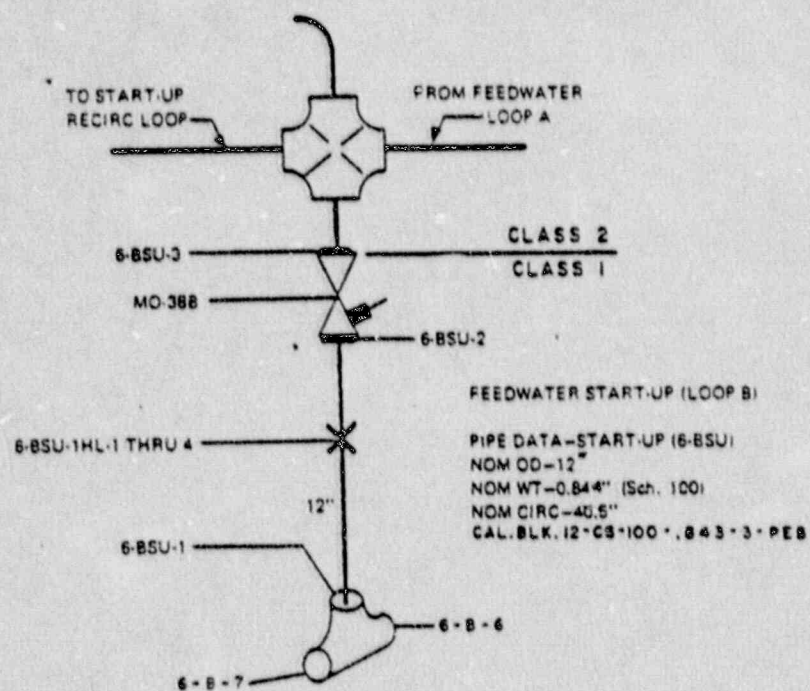
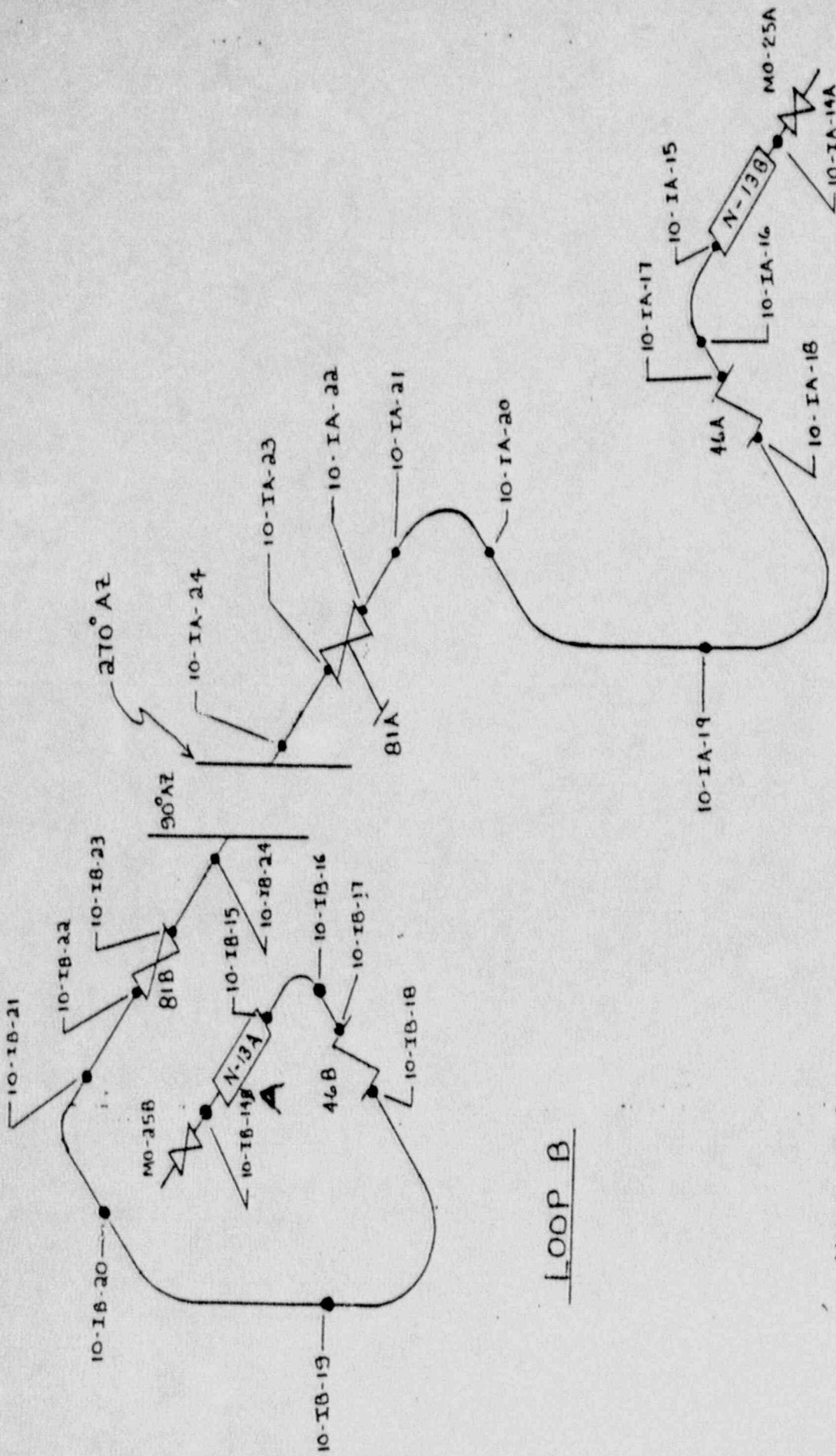


FIGURE A-25



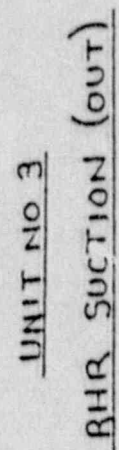
LOOP B

LOOP A

UNIT NO 3

RHR INJECTION

FIGURE A-28



YJS
6-30-87

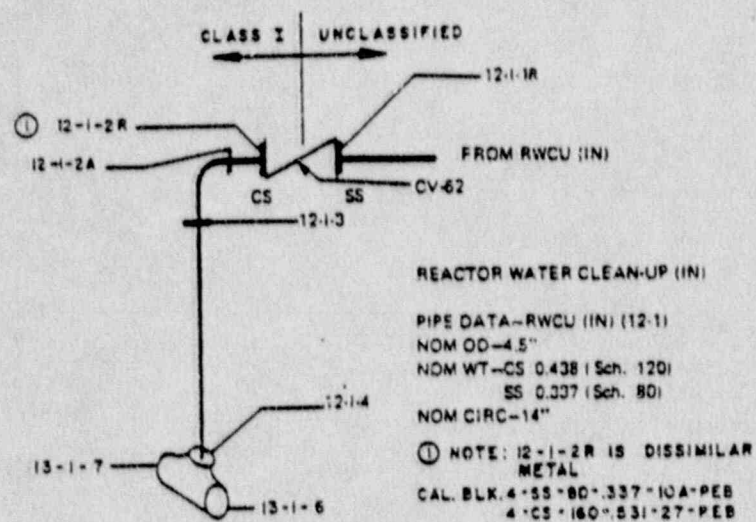


FIGURE A-30

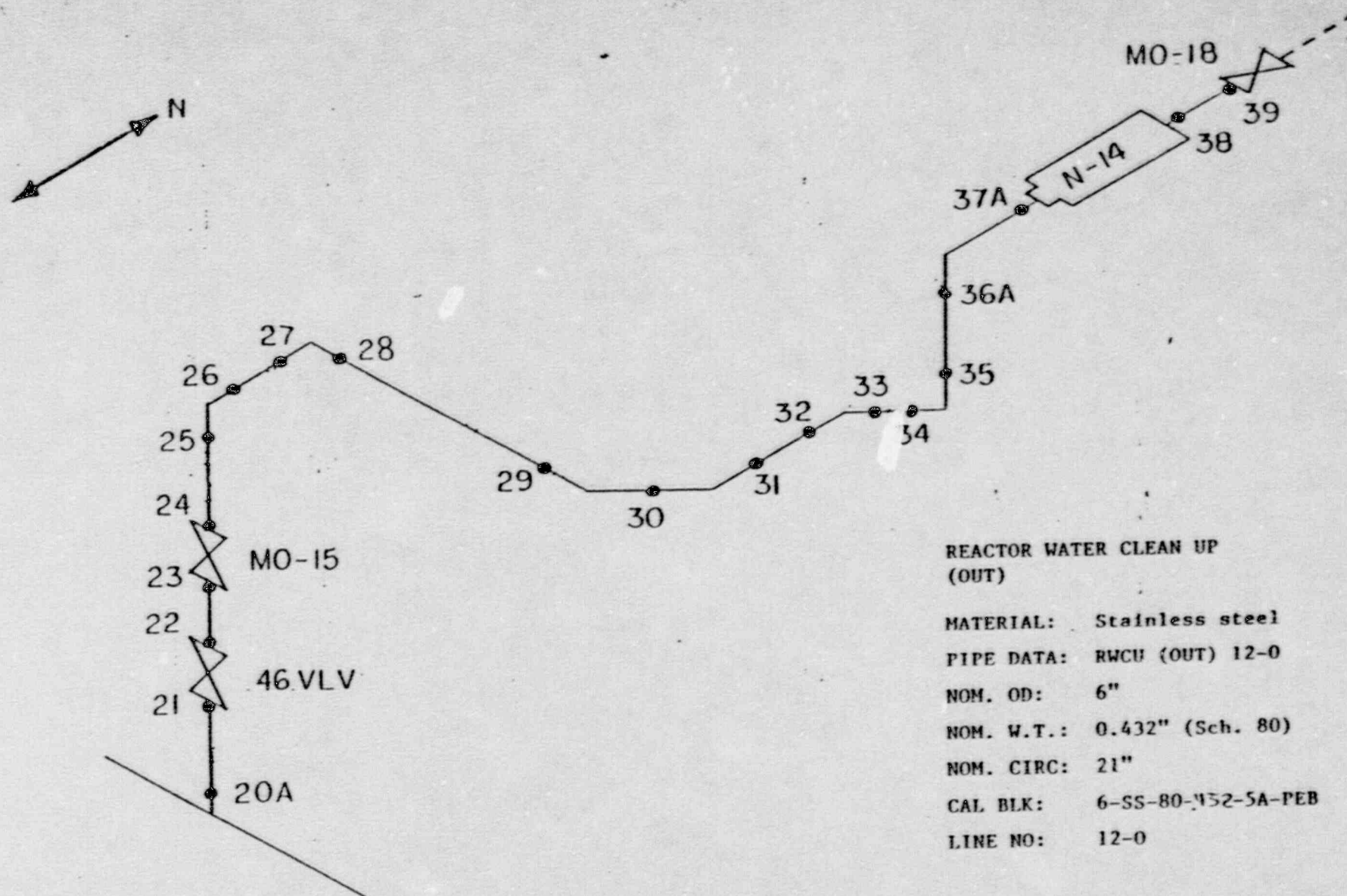


FIGURE A-31

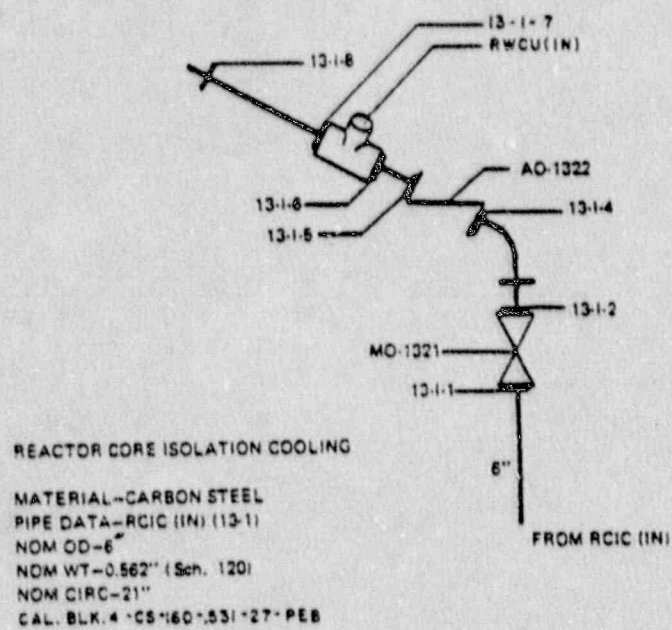
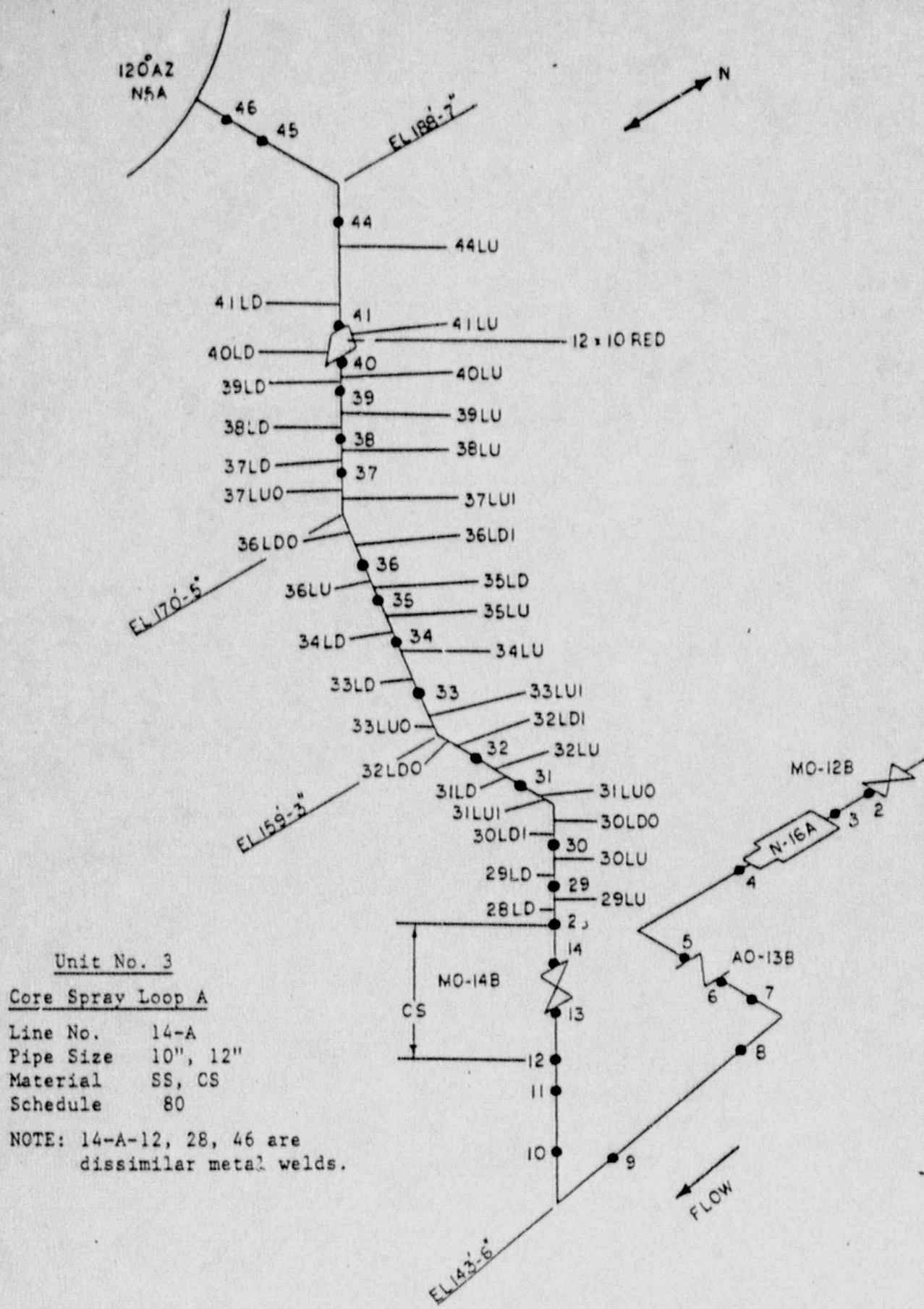


FIGURE A-32



Unit No. 3

Core Spray Loop A

Line No. 14-A

Pipe Size 10", 12"

Material SS, CS

Schedule 80

NOTE: 14-A-12, 28, 46 are
dissimilar metal welds.

FIGURE A-33

JSS 12/87

Unit No. 3
Core Spray Loop B

Line No. 14-B
Pipe Size 10", 12"
Material SS, CS
Schedule 80

NOTE: 14-B-11, 28, 44 are
dissimilar metal welds.

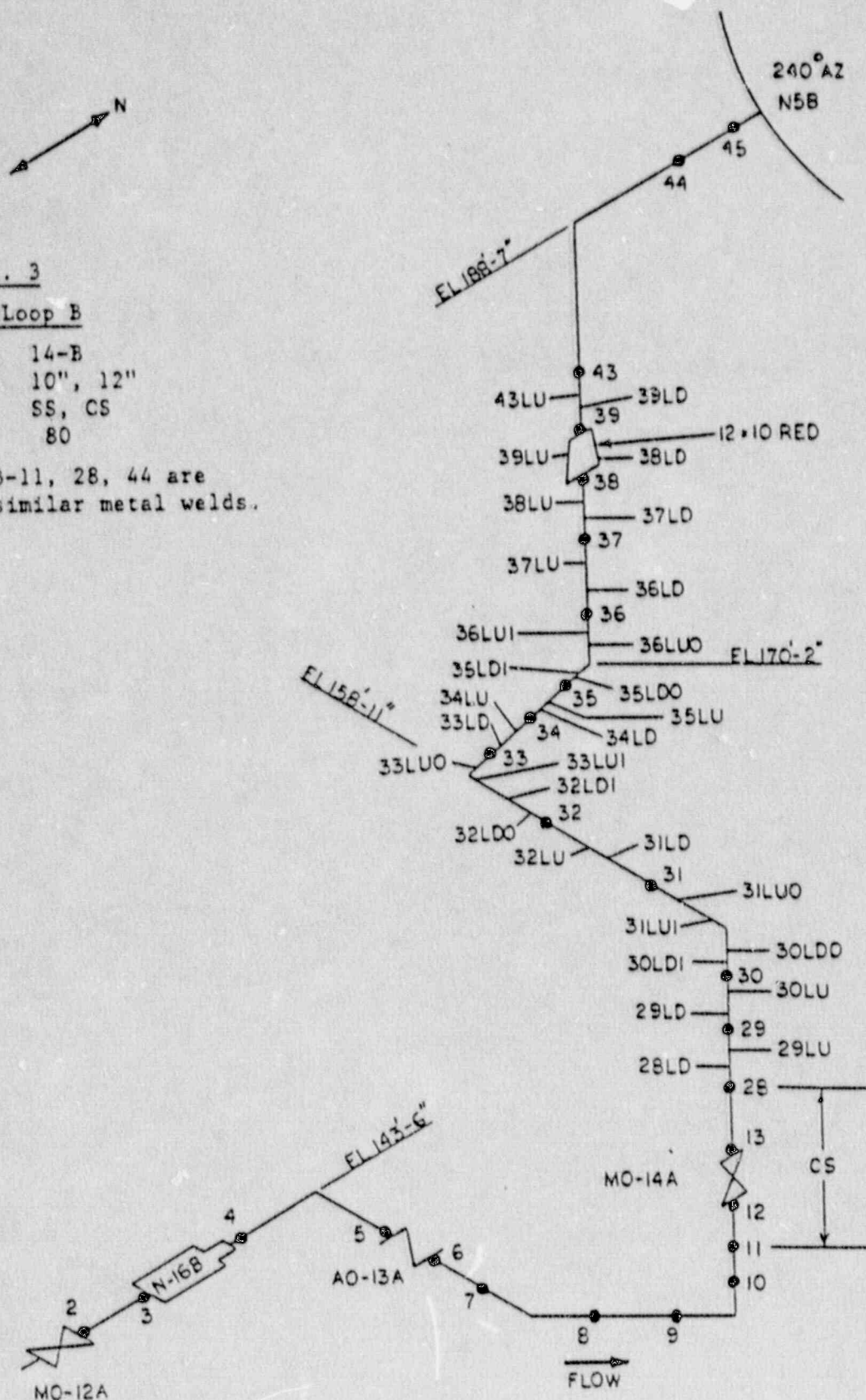


FIGURE A-34

375 12/87

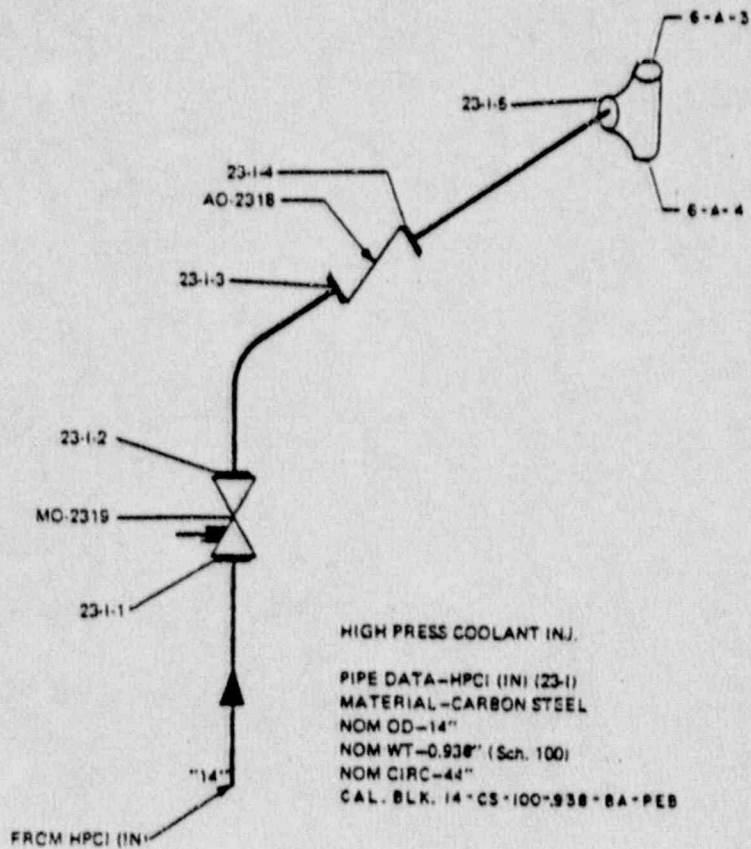


FIGURE A-35

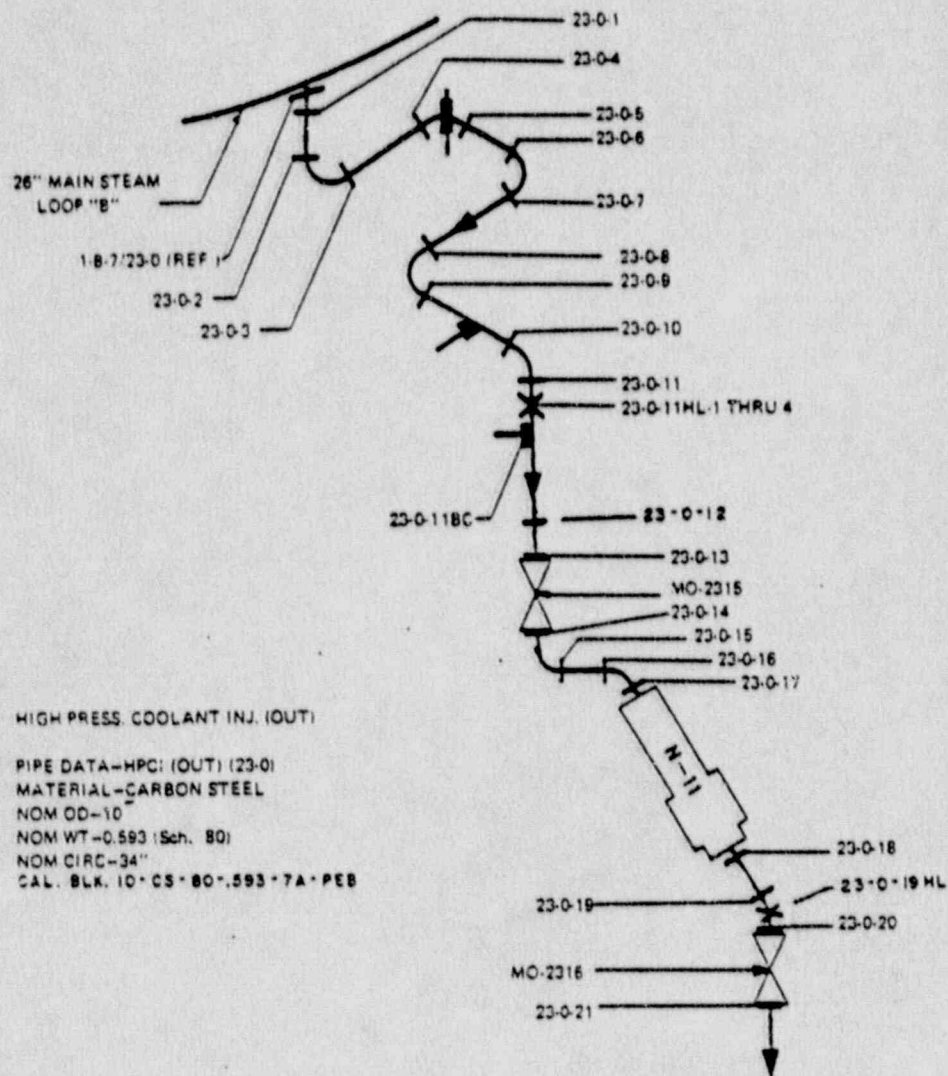
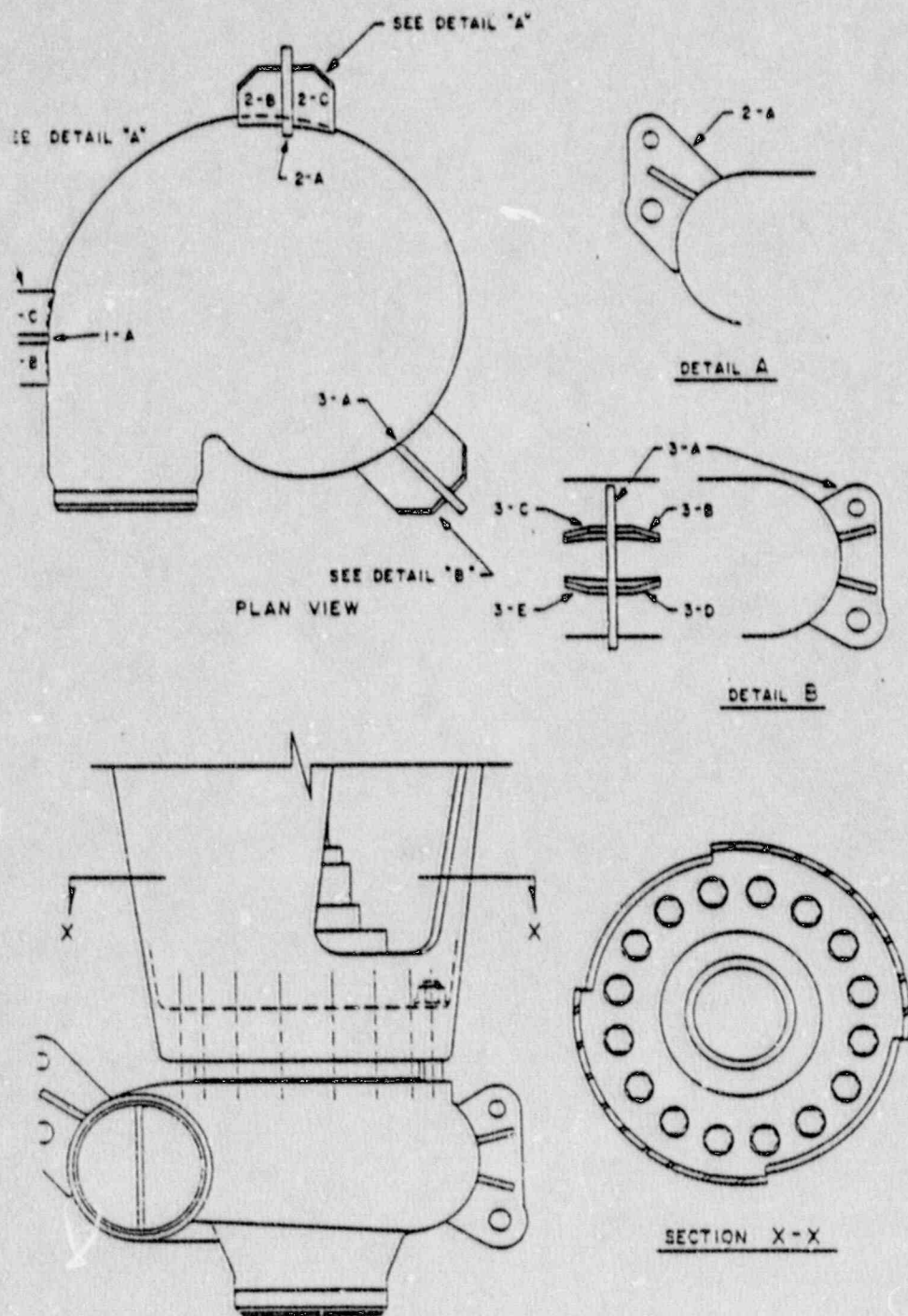
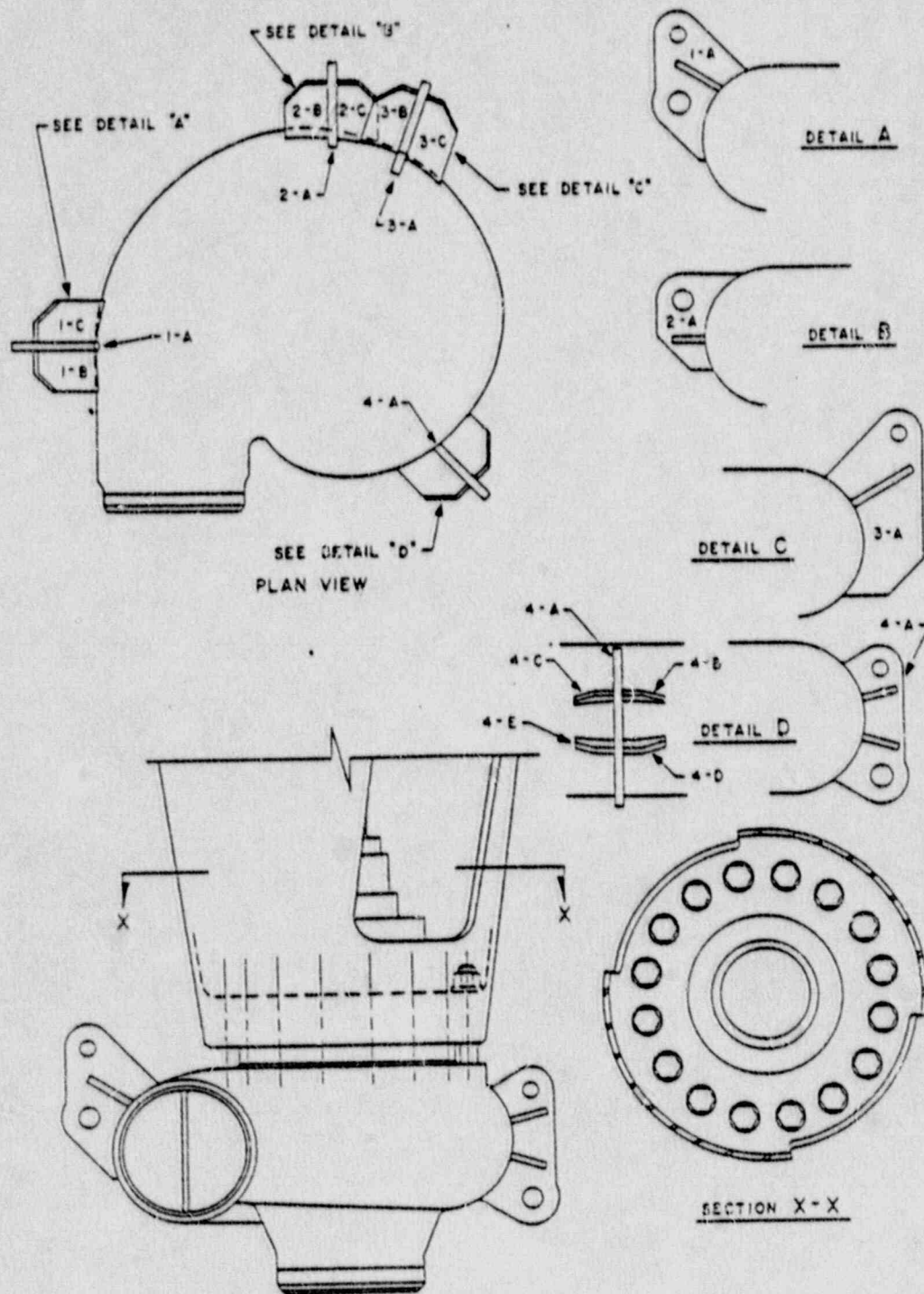


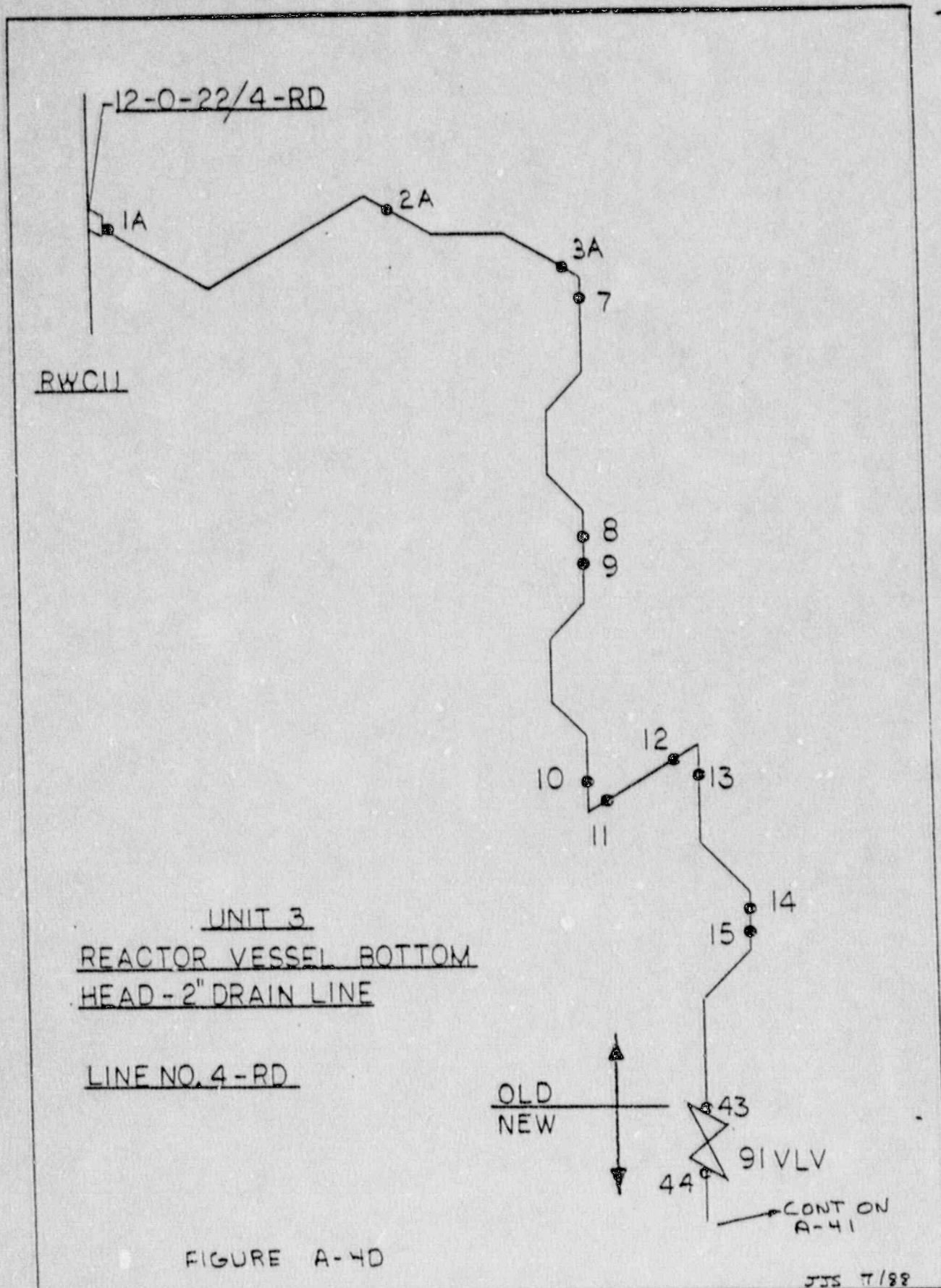
FIGURE A-36

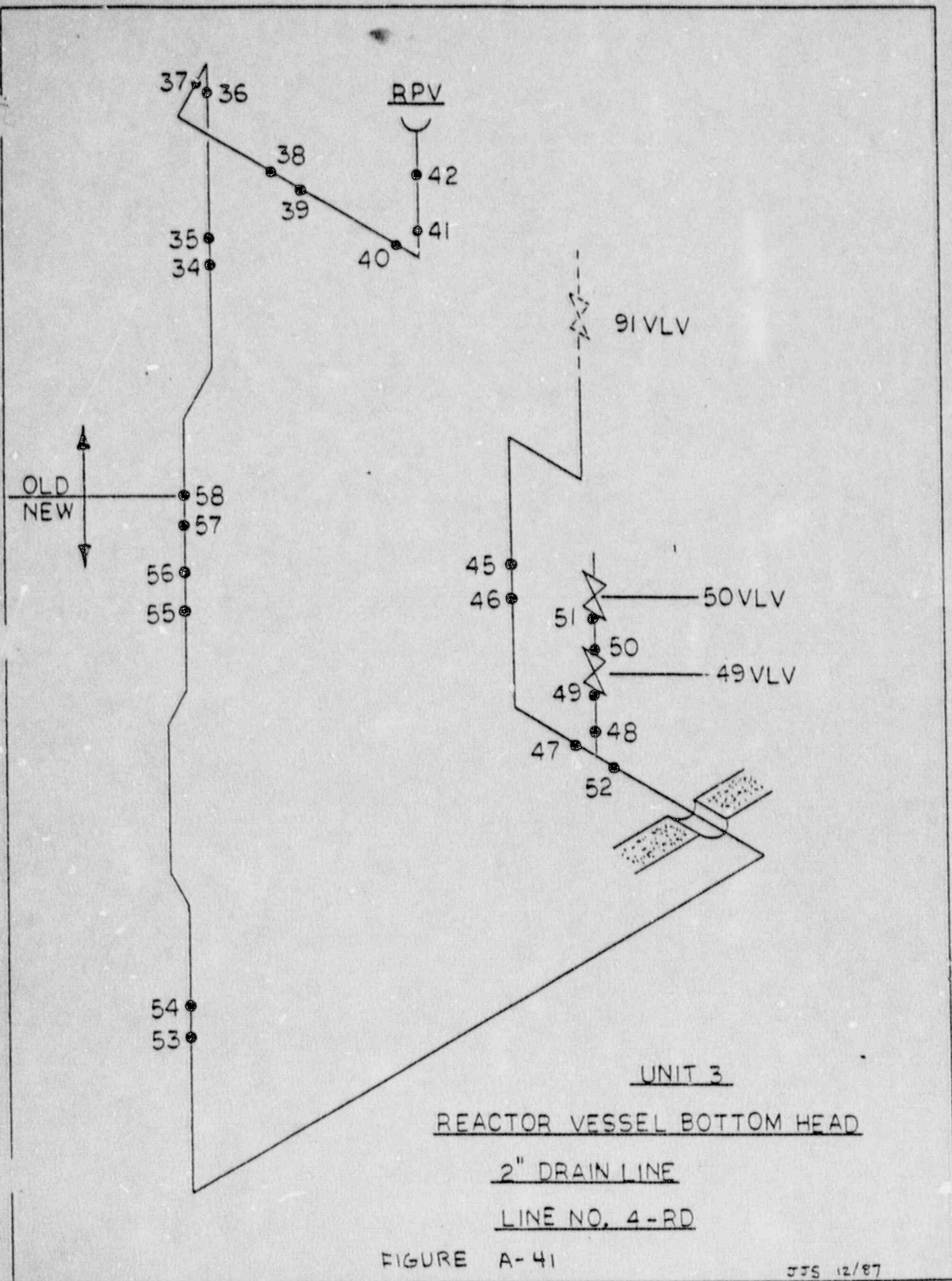


MAIN RECIRCULATION PUMP LOOP "A"
FIGURE A-38



MAIN RECIRCULATION PUMP LOOP "B"
 FIGURE A-39

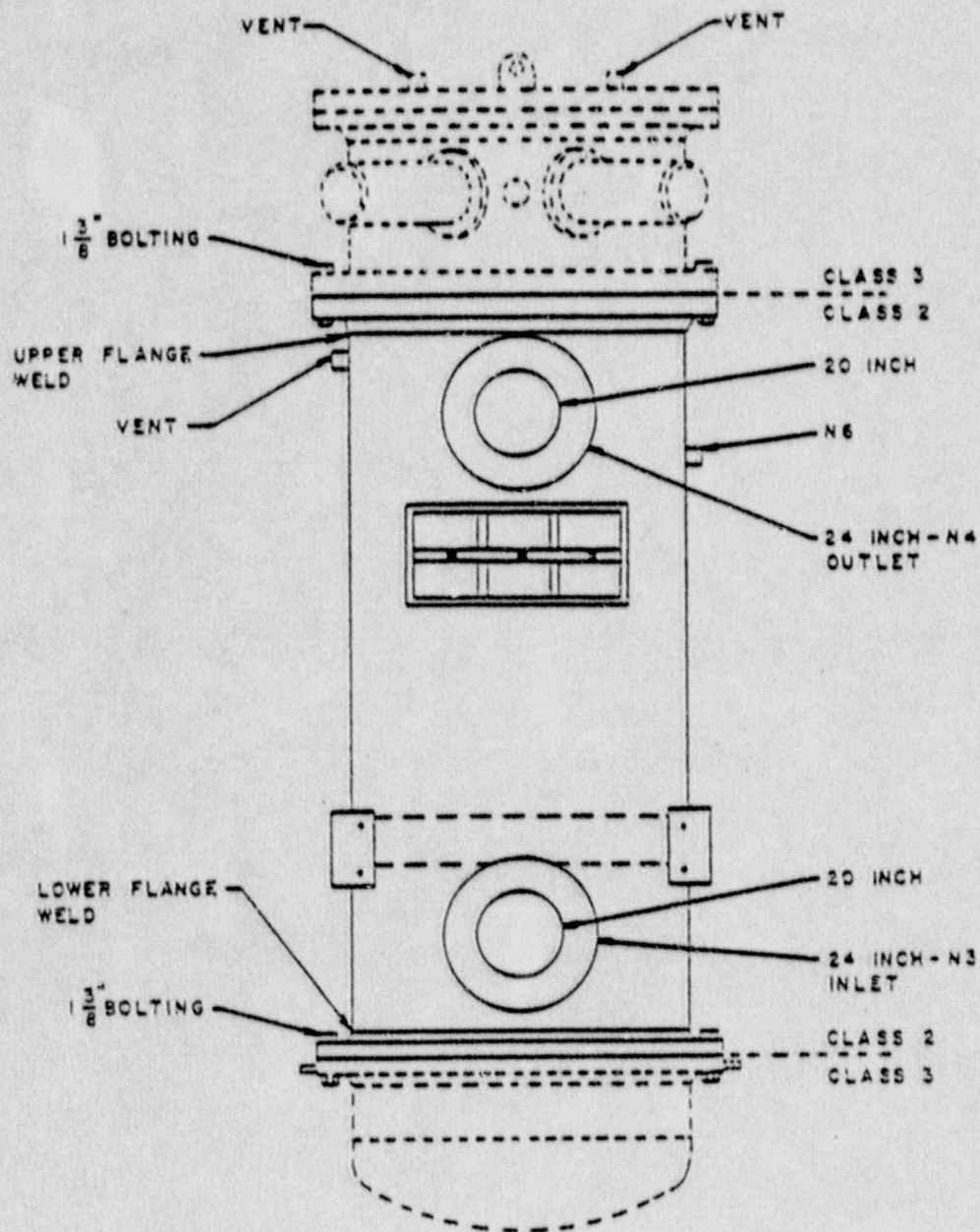




SECTION 4

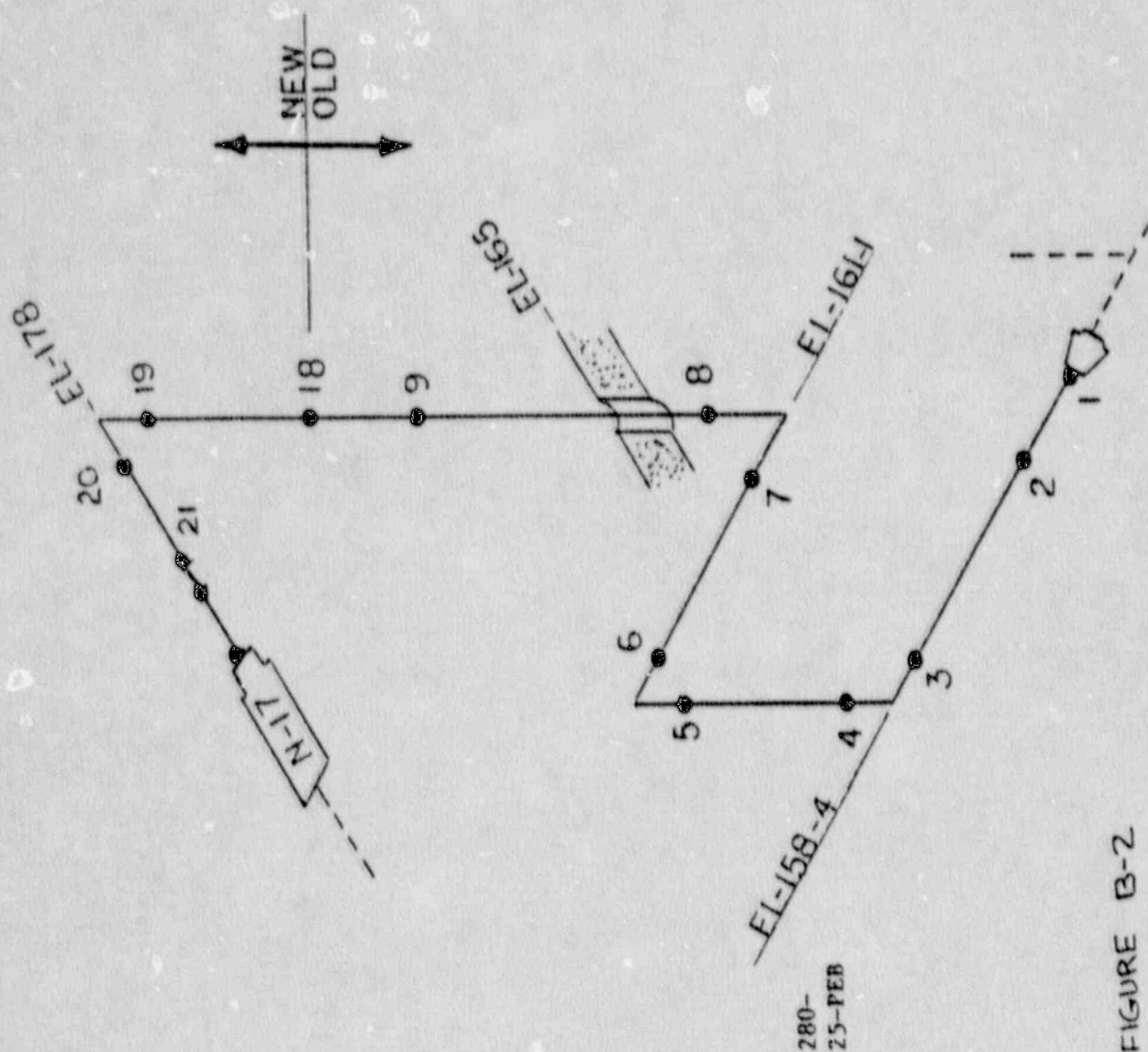
CLASS 2 WELD IDENTIFICATION FIGURES

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B-4A	RHR-Containment Spray-In-Loop "B"	5
B-8	RHR-Suppression Chamber-In-Loop "B"	6
B-9	RHR-Shutdown Cooling Suction-Pump "A"	7
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B-16	RHR-Discharge-Pump "A"	9
B-19	RHR-Discharge-Pump "D"	10
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B-44	Main Steam "D" (14")	21
B-45	Main Steam (6")	22
B-46	Core Spray Pump Suction "A"	23
B-47	Core Spray Pump Suction "B"	24
B-50	Core Spray Pump Discharge "A"	25
B-54	Core Spray "A"	26
B-57	Core Spray "B"	27
B-59	Core Spray "B"	28
B-60	HPCI	29
B-61	HPCI	30
B-62A	HPCI	31
B-62B	HPCI	32
B-63A	HPCI	33
B-63B	HPCI	34
B-64	HPCI	35
B-76	Scram Discharge Volume (North)	36
B-77	Scram Discharge Volume (South)	37



RHR HEAT EXCHANGER

FIGURE B-1

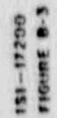


RHR -- HEAD SPRAY

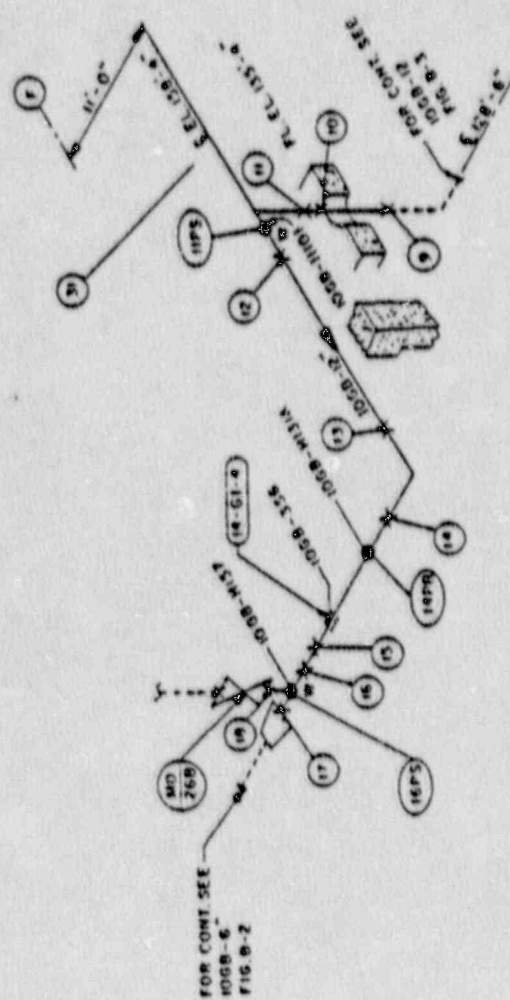
Pipe Size	6"
Material	CS
Schedule	40
N. Wall	.280
Ref. Line No.	10 GB-6
Line No.	10-2HS6
Cal. Block	6-CS-40-.280- 25-FEB

FIGURE B-2

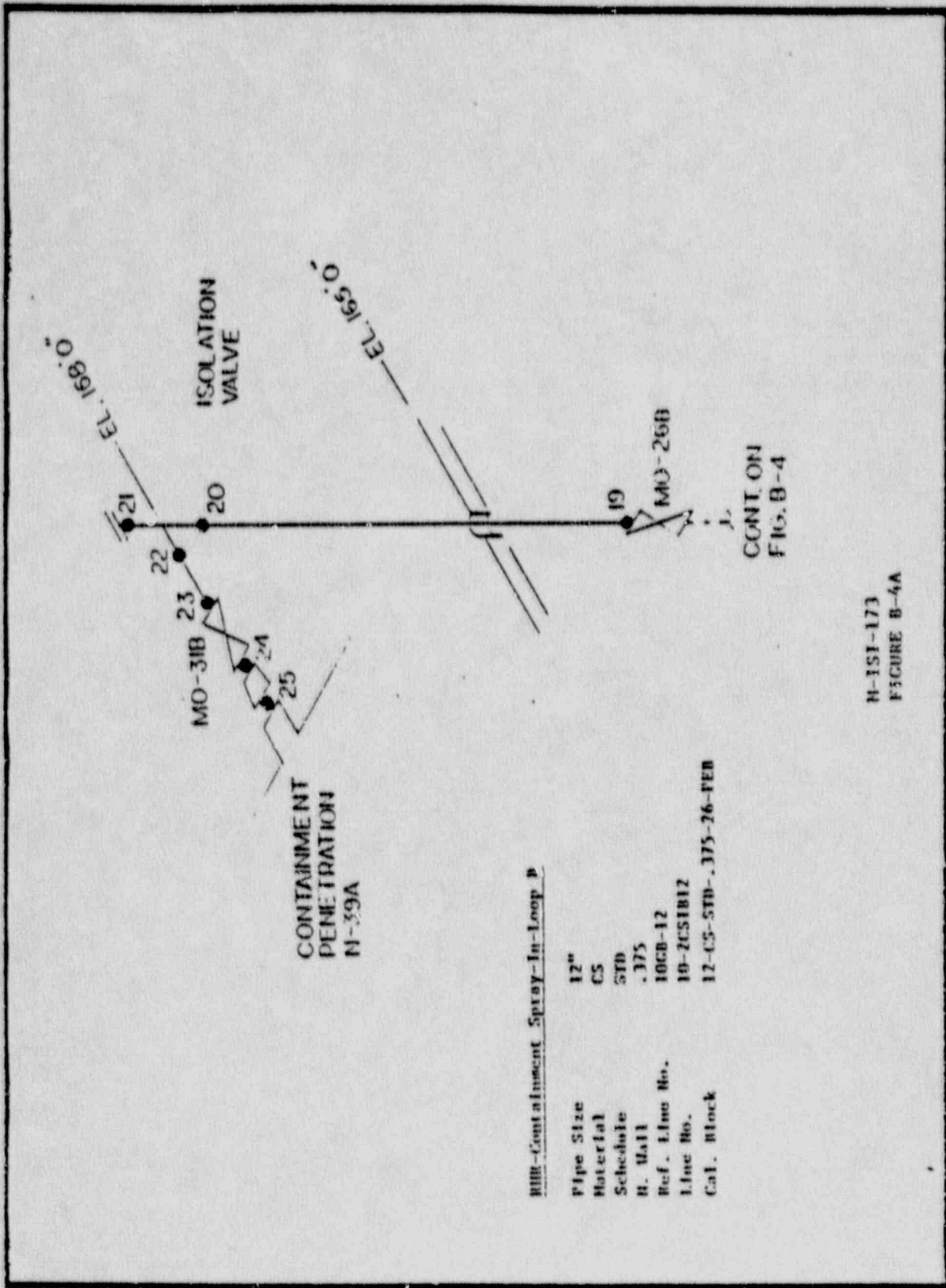
PIPE SIZE	12"
MATERIAL	CS
SCHEDULE	STD
W. WALL	.375
REF. LINE NO.	10GB-12
LINE NO.	10-2C31812
CAL. BLOCK	12-CS-STD-3



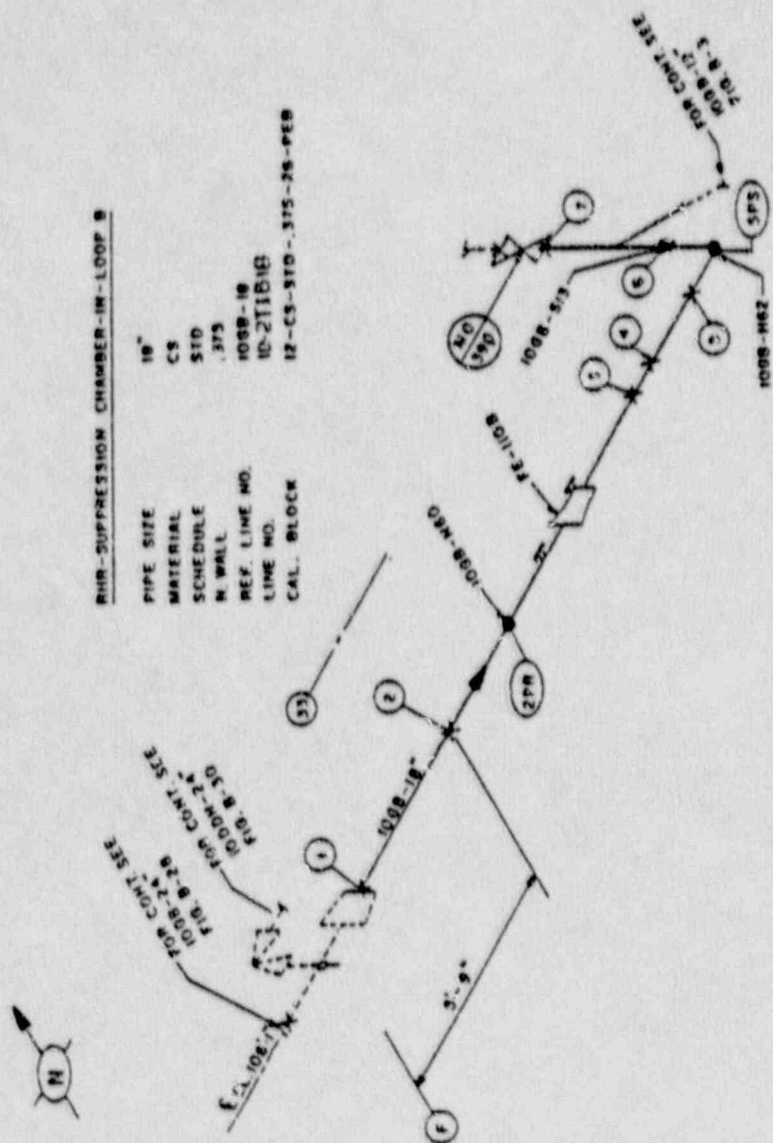
PIPE SIZE	12"
MATERIAL	C9
SCHEDULE	9TD
N WALL	.375
REF LINE NO.	1023-12
LINE NO.	10-2C5B12
CAL. BLOCK	12-C5-2TD-375-26-P88



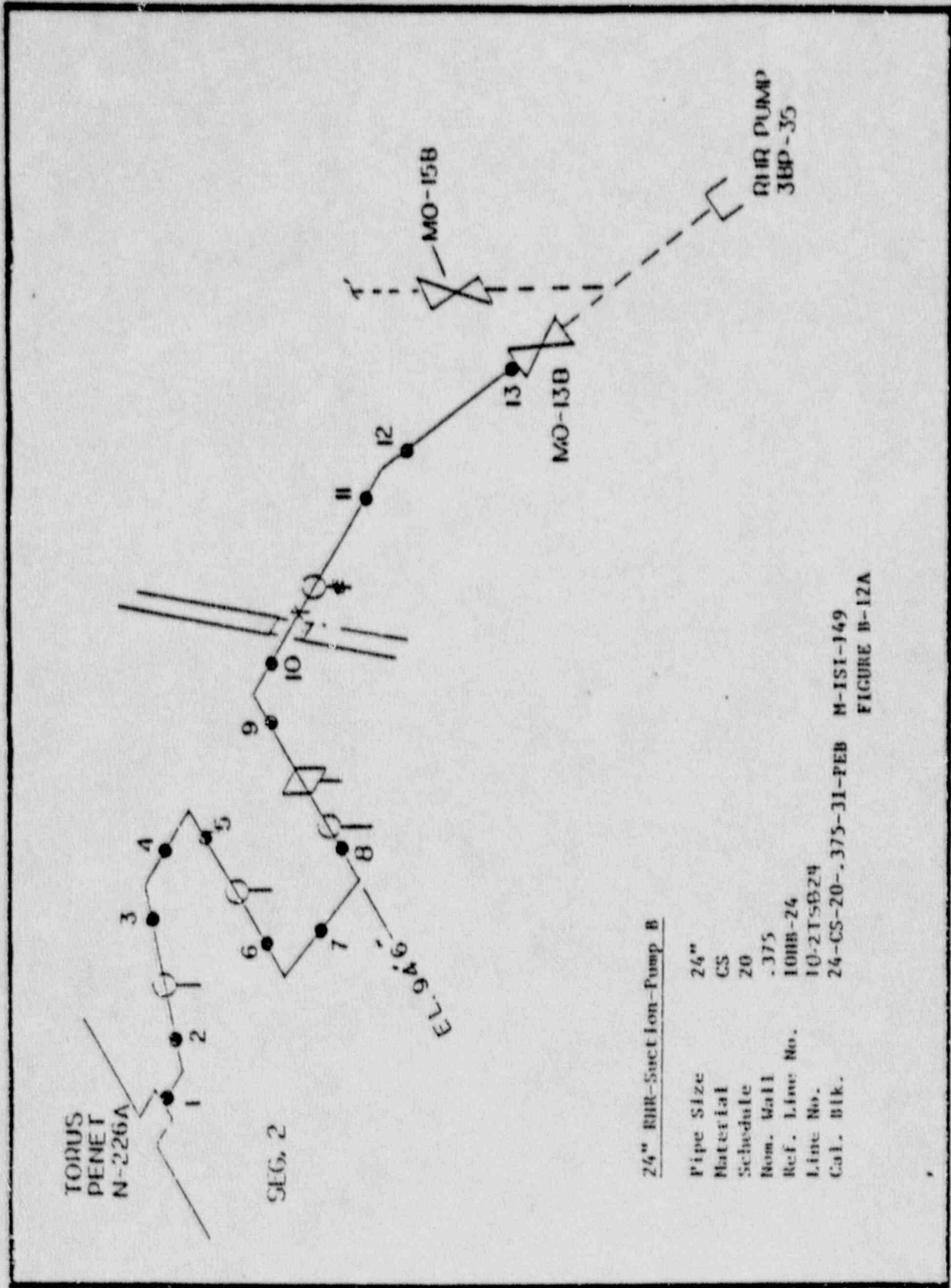
ISI-17300
FIGURE B-4



H-151-173
FIGURE B-4A



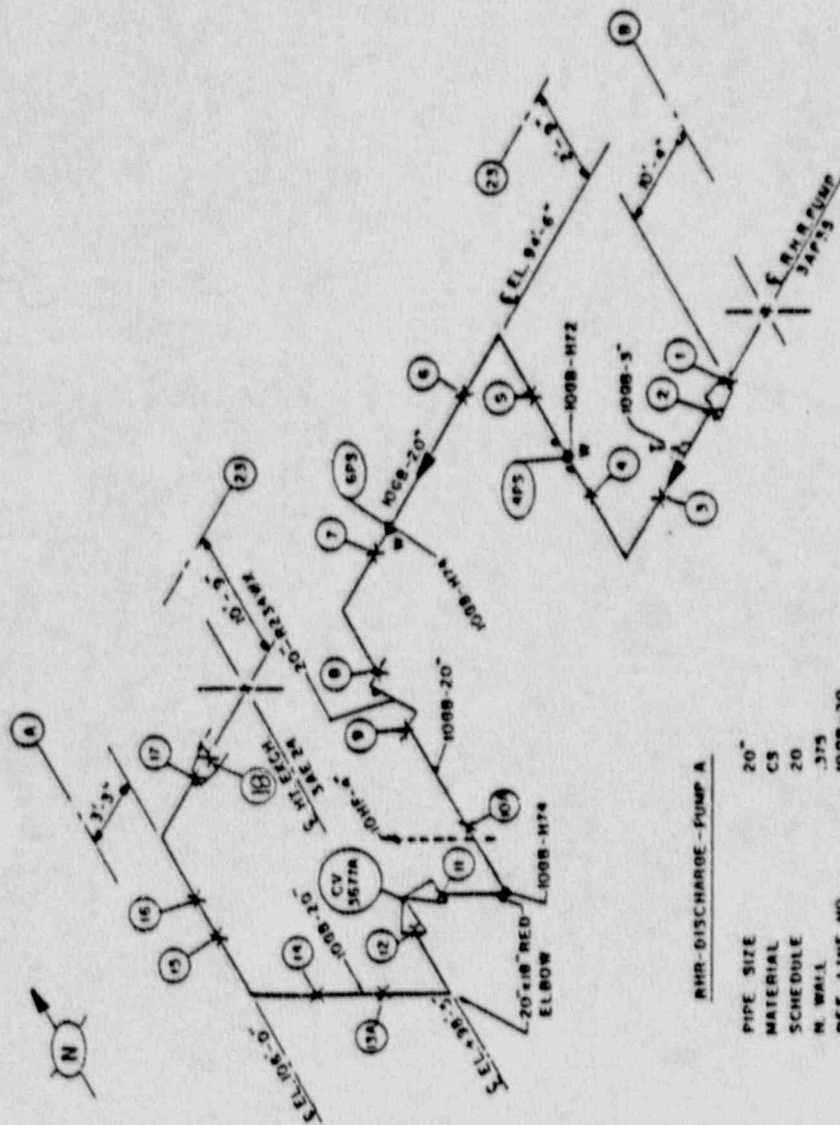
151-17000
FIGURE 6-8



24" RHR-Suction-Pump B

Pipe Size	24"
Material	CS
Schedule	20
Nom. Wall	.375
Ref. Line No.	10HB-24
Line No.	10-2T5B24
Cal. Blk.	24-CS-20-.375-31-FEB

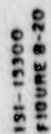
M-151-149
FIGURE B-12A

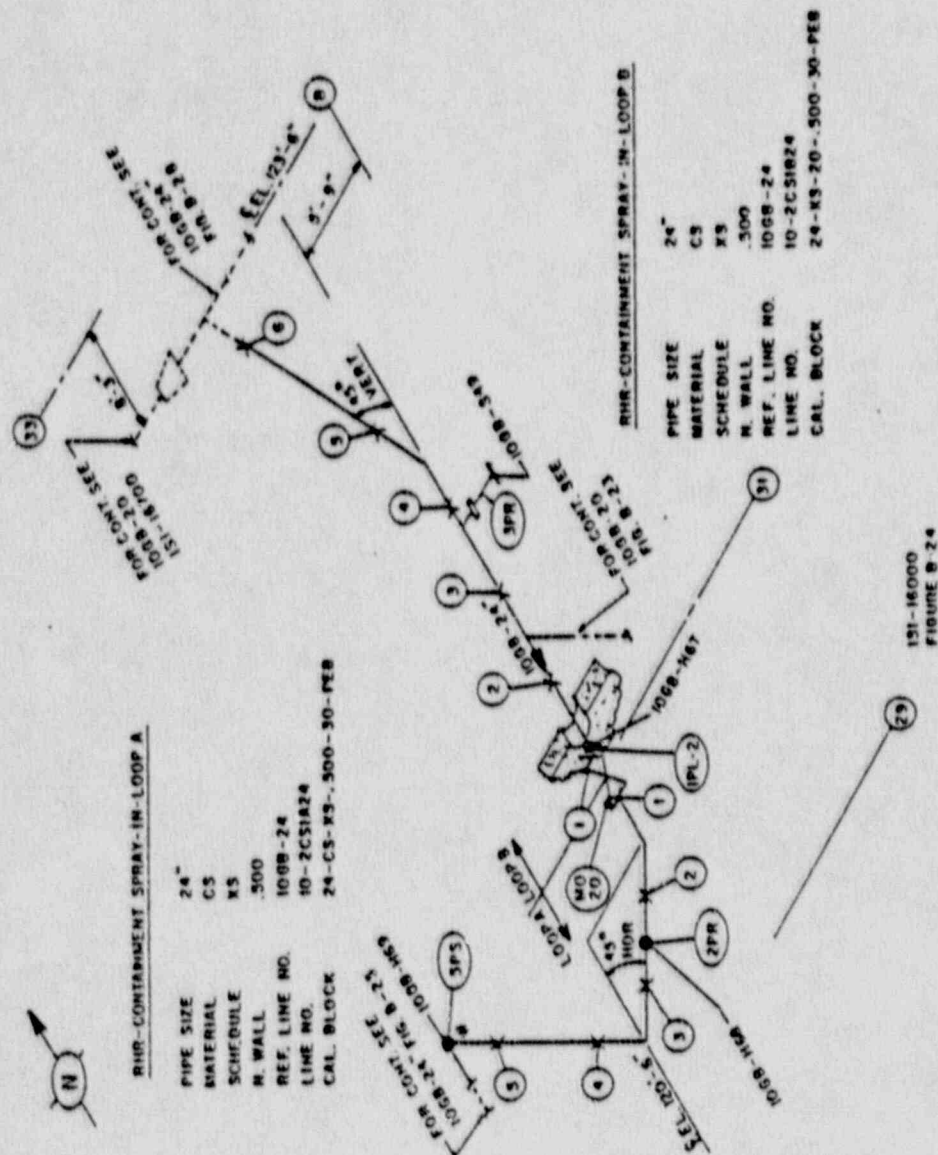


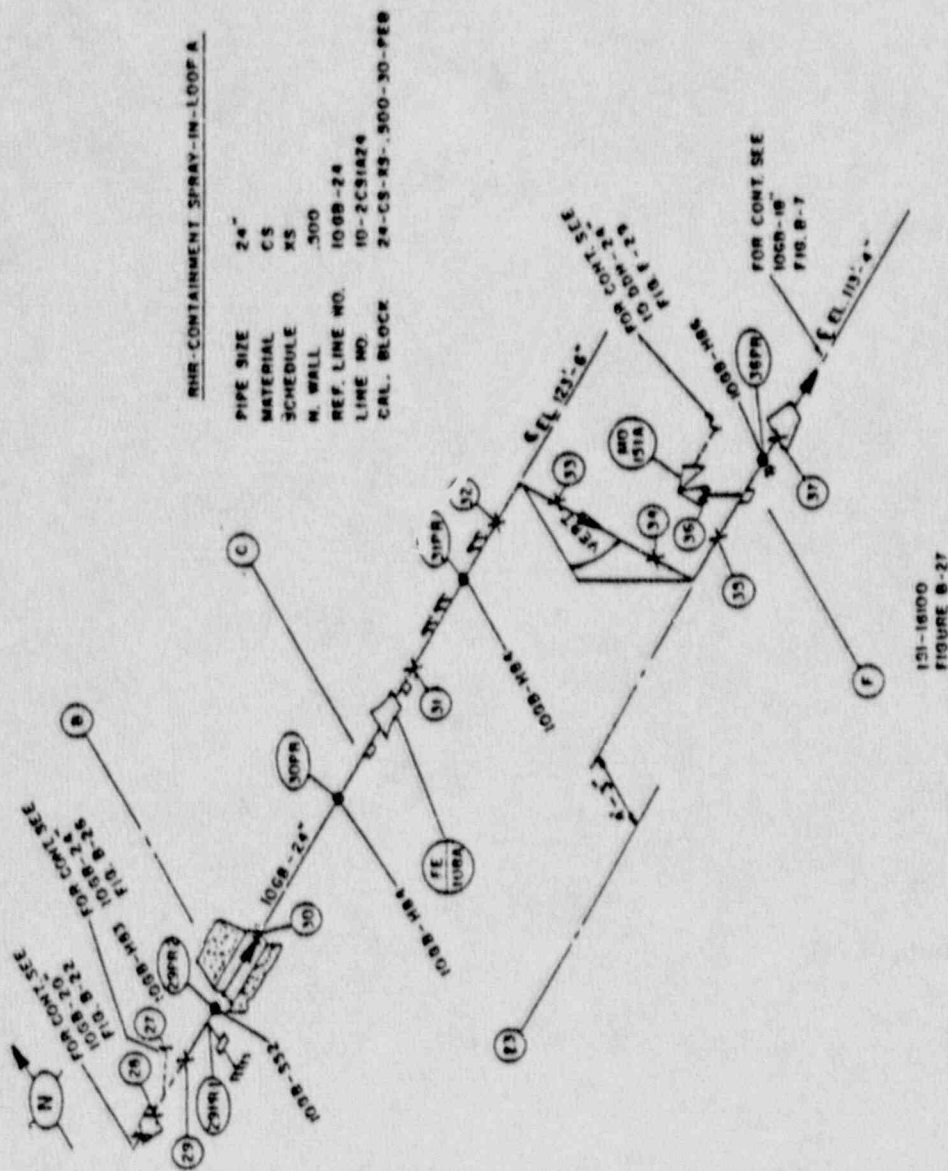
PHR-DISCHARGE-PUMP A

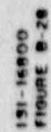
PIPE SIZE	20"
MATERIAL	CS
SCHEDULE	20
N. WALL	.375
REF. LINE NO.	1008-20
LINE NO.	10-2DA20
CAL. BLOCK	20-CS-20-.375-29-FEB

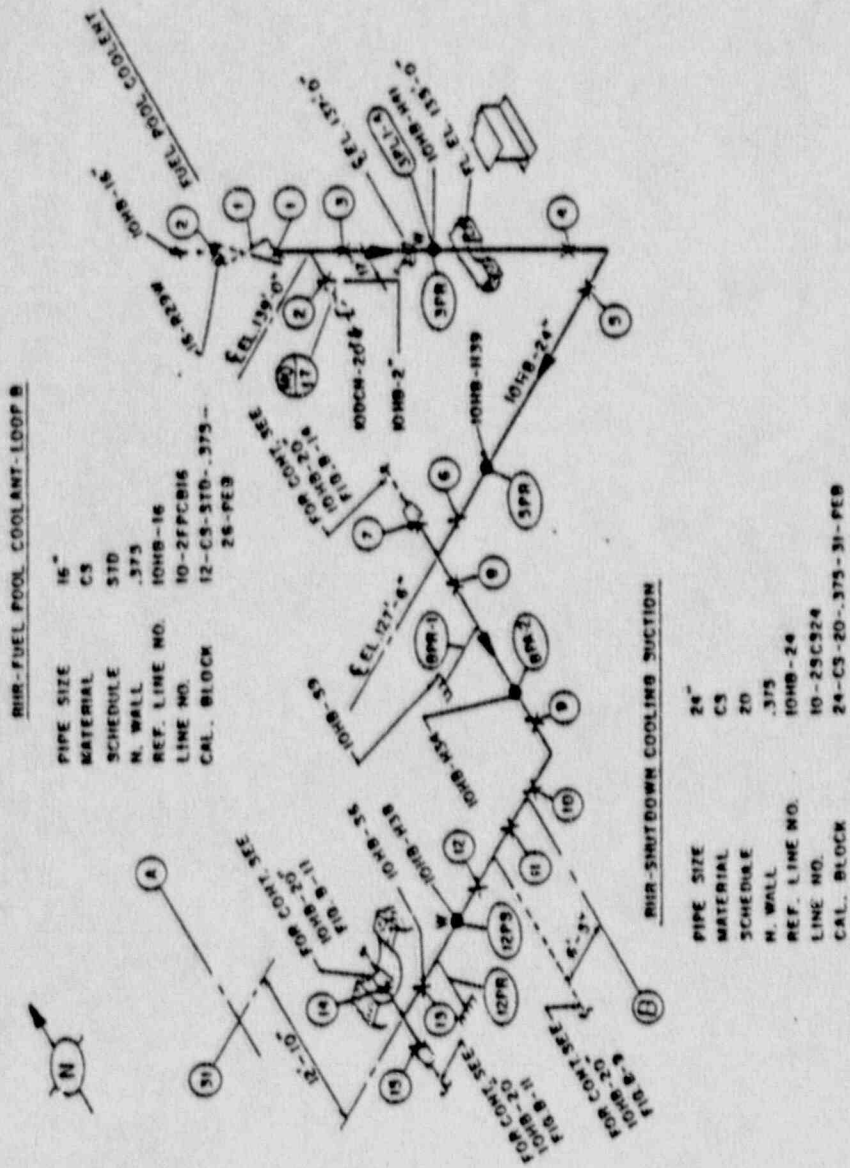
131-15000
FIGURE 8-16











151-14500
FIGURE B-51

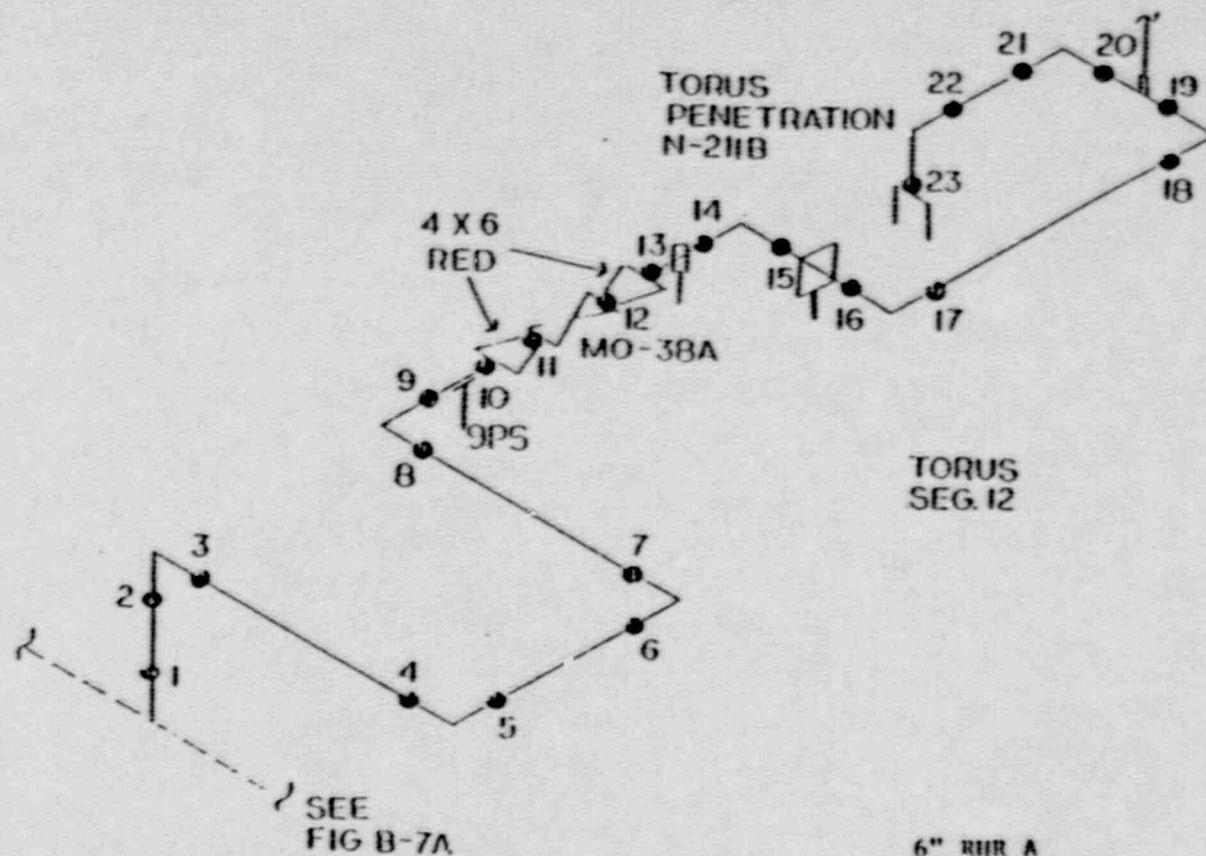
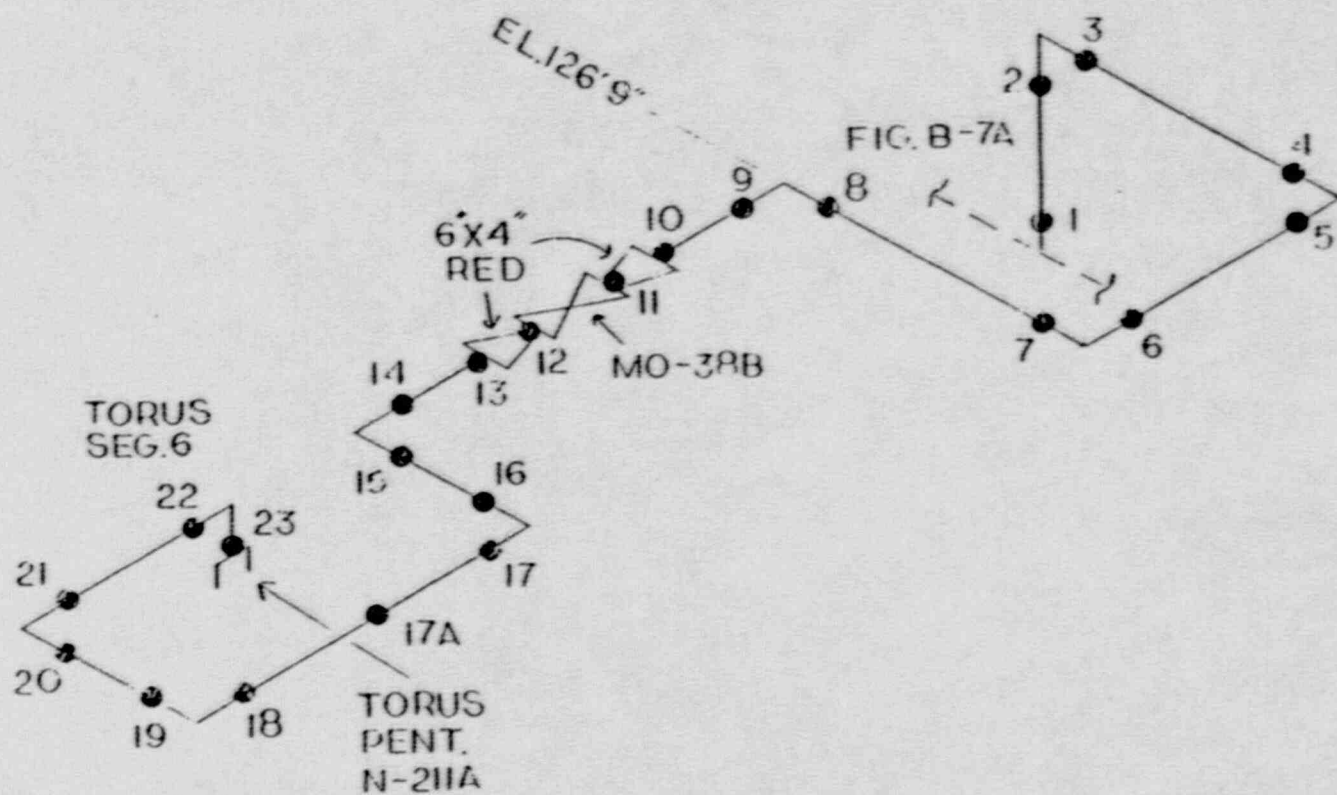


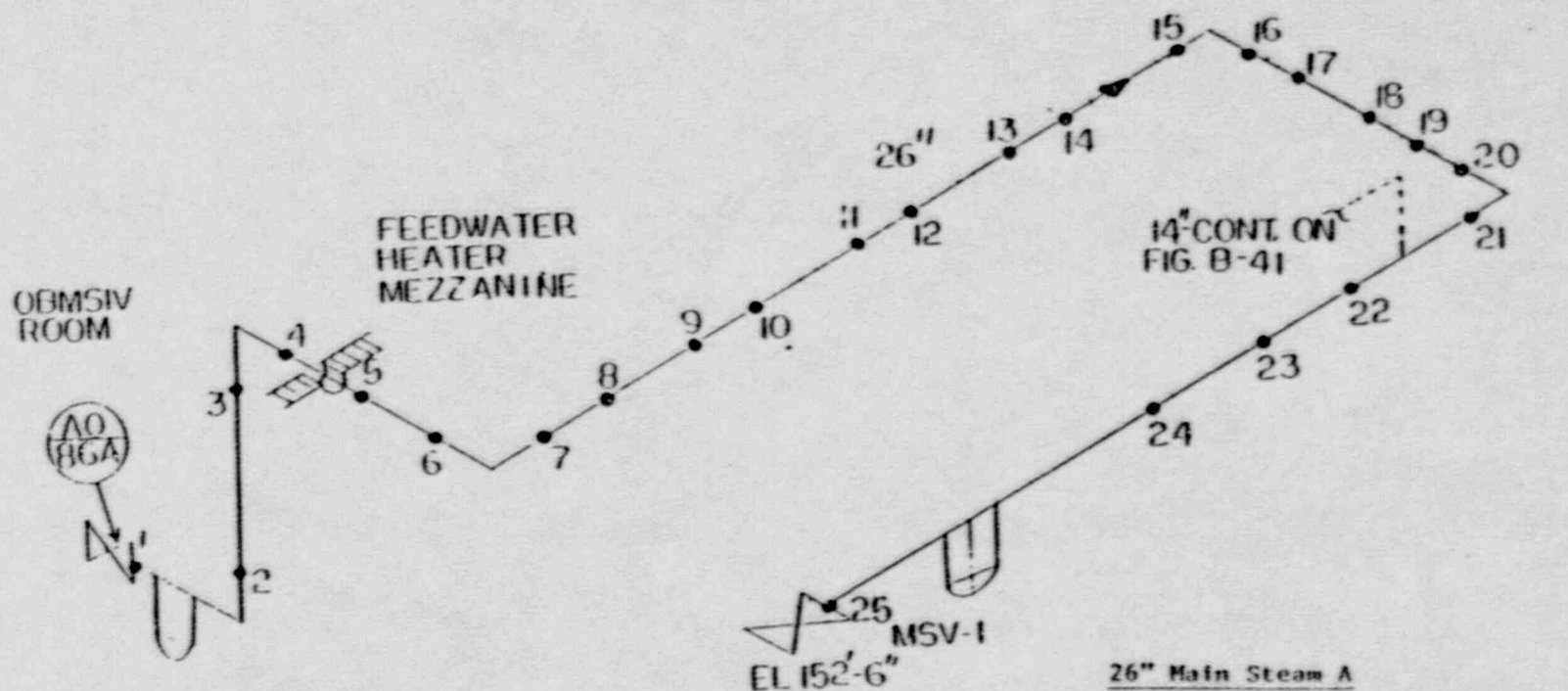
FIGURE B-32

6" RHR A

Pipe Size	6"
Material	CS
Schedule	40
Nom. Wall	.280
Ref. Line No.	10CH-6
Line No.	10-2TIA6
Cal. Blk.	6-CS-40-.280-25-FEB



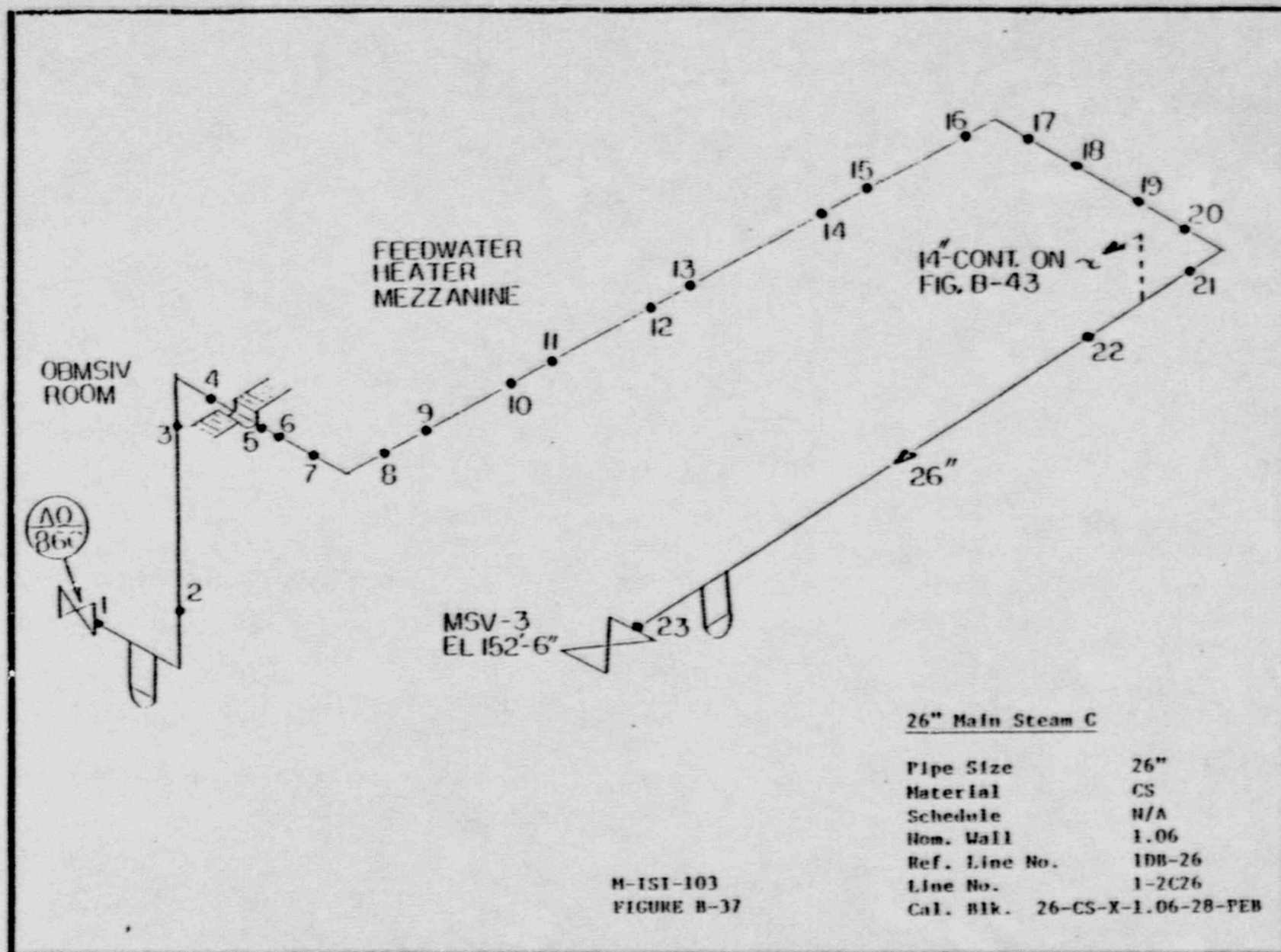
10-2TIB6
6" RIIR
B-33

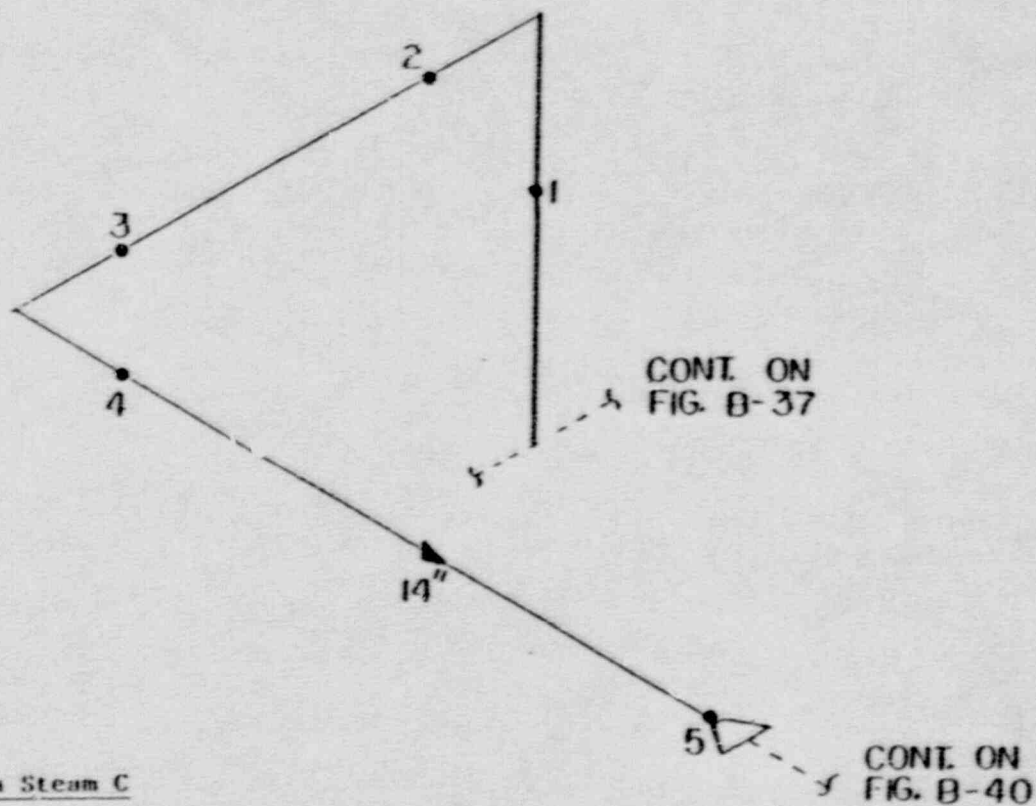


26" Main Steam A

Pipe Size	26"
Material	CS
Schedule	N/A
Nom. Wall	1.06
Ref. Line No.	100-26
Line No.	1-2A26
Cal. Bk.	26-CS-X-1.06-28-PEB

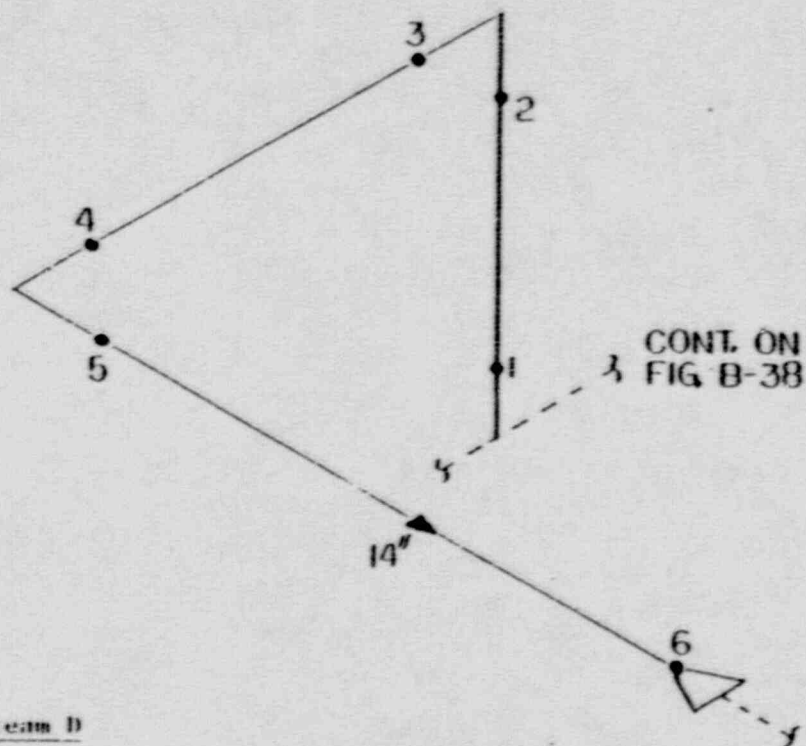
H-151-101
FIGURE B-35





Pipe Size	14"
Material	CS
Schedule	80
Nom. Wall	.750
Ref. Line No.	7DB-14
Line No.	1-2HSC14
Cal. Blk.	14-CS-80-.750-15-PFB

H-1SI-103
H-1SI-105
FIGURE B-43



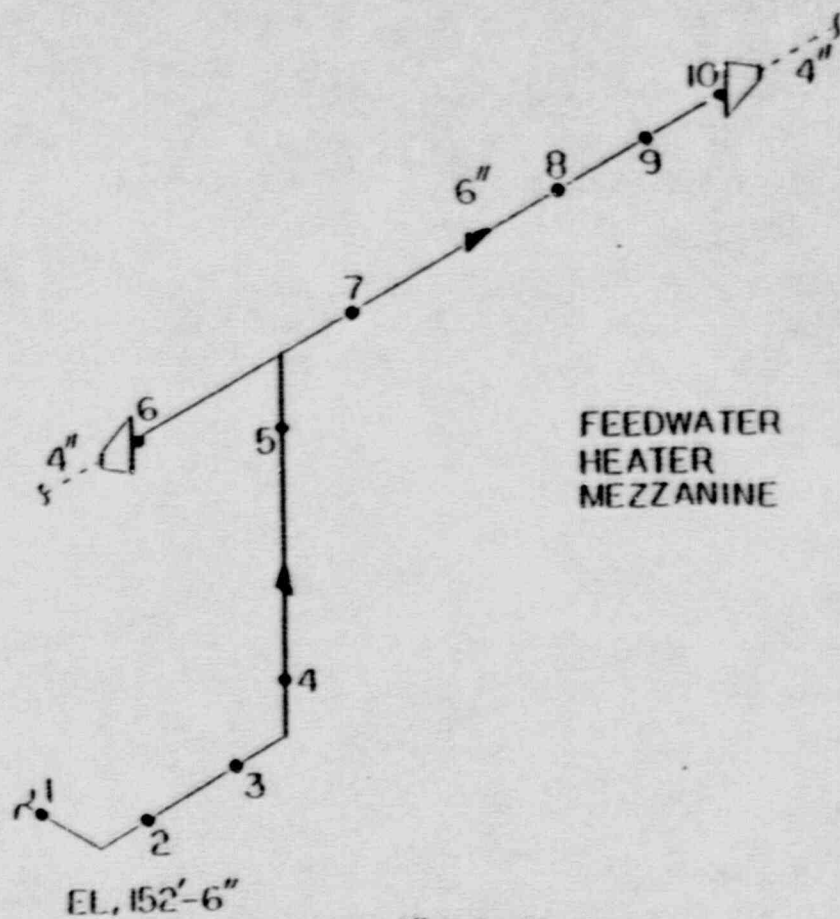
14" Main Steam D

Pipe Size	14"
Material	CS
Schedule	80
Nom. Wall	.750
Ref. Line No.	7DB-14
Line No.	I-2MSD14
Cal. Blk.	14-CS-80-.750-15-FEB

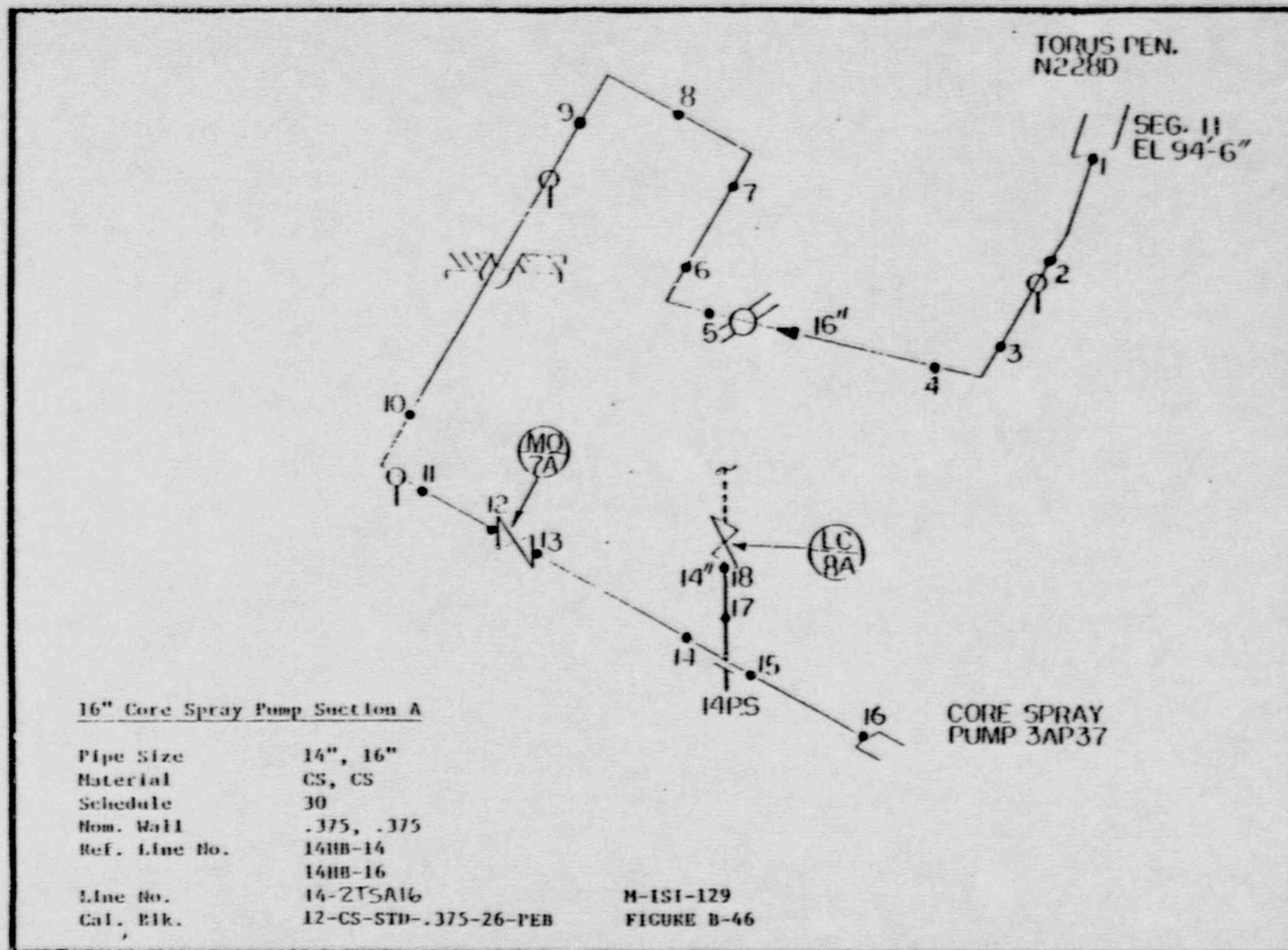
M-151-104
M-151-105
FIGURE B-44

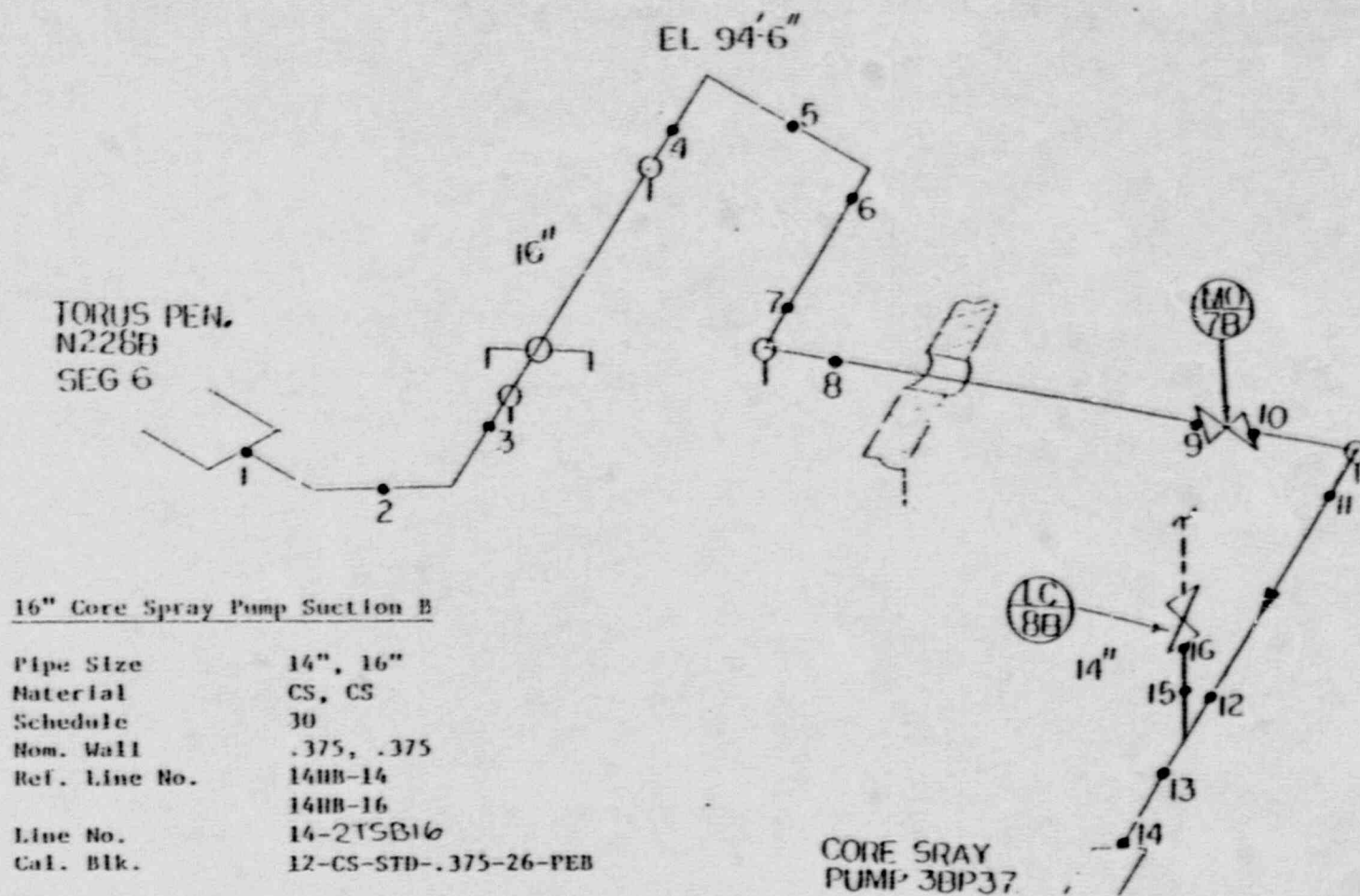
CONT. ON
FIG. B-39

CONT. ON
FIG. B-38



H-151-106
FIGURE B-45



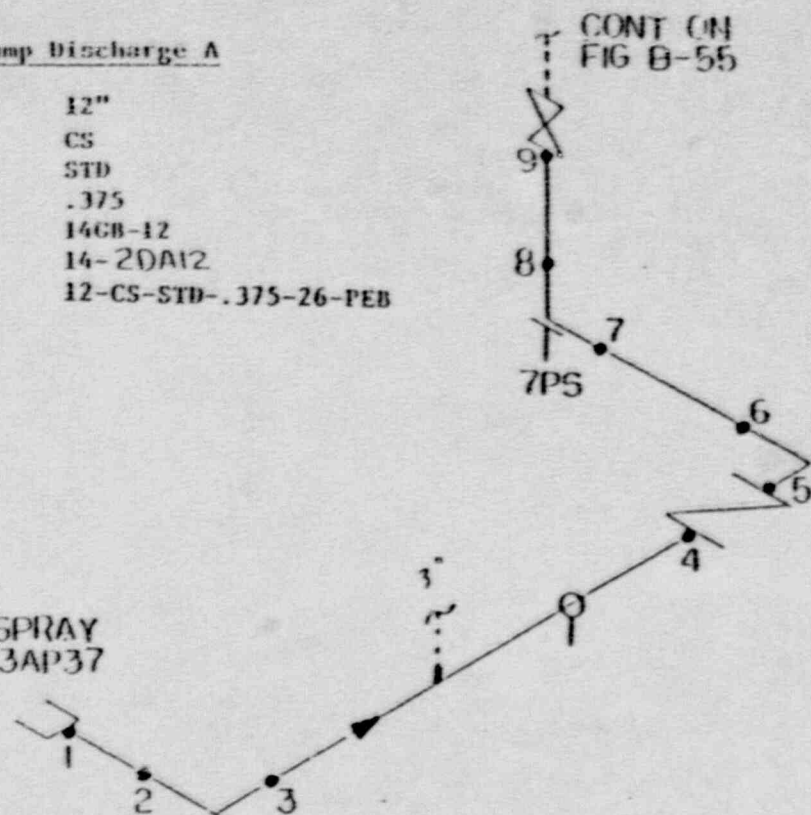


M-151-127
FIGURE B-47

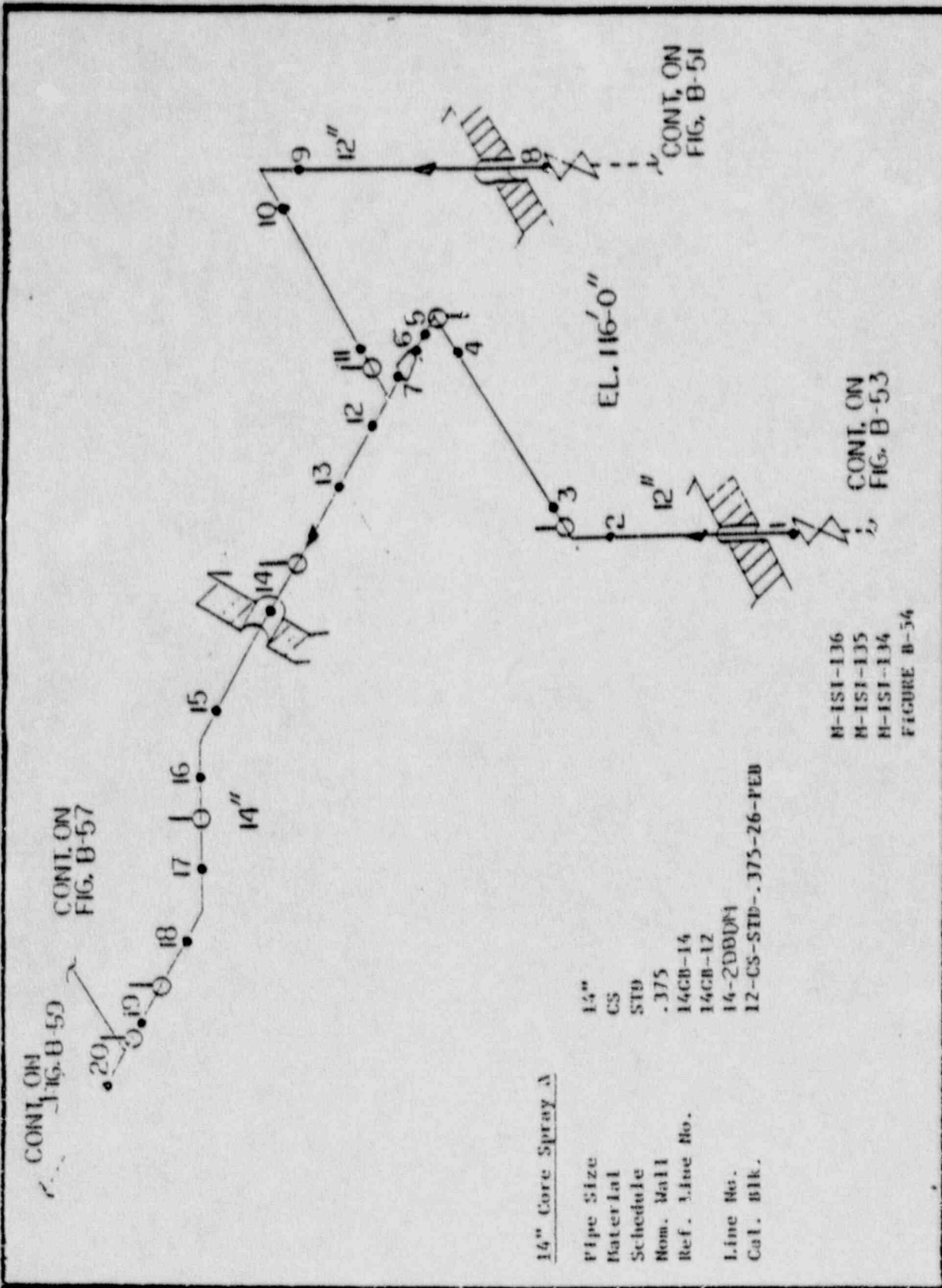
12" Core Spray Pump Discharge A

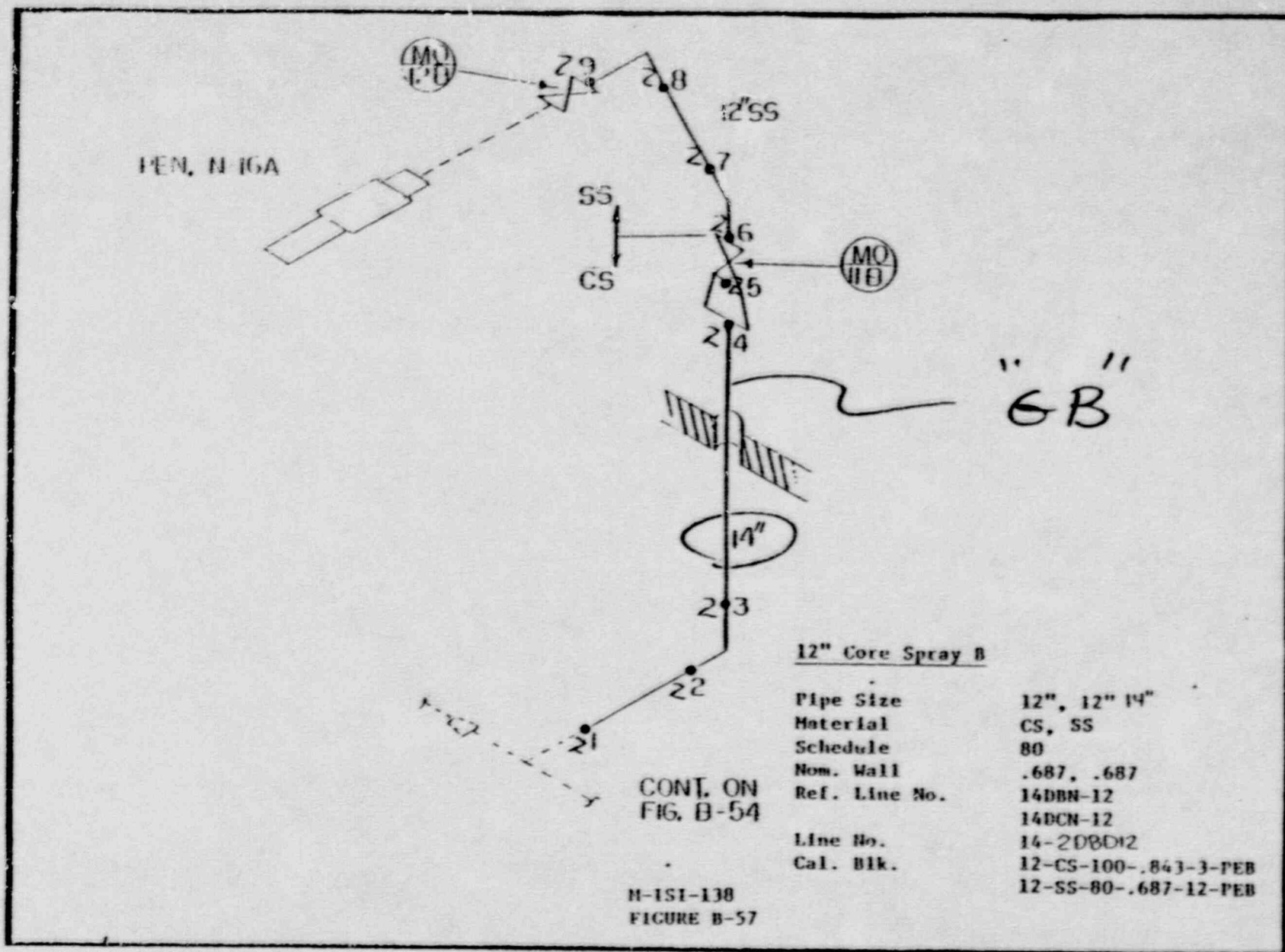
Pipe Size	12"
Material	CS
Schedule	STD
Nom. Wall	.375
Ref. Line No.	14CB-12
Line No.	14-20A12
Cal. Blk.	12-CS-STD-.375-26-FEB

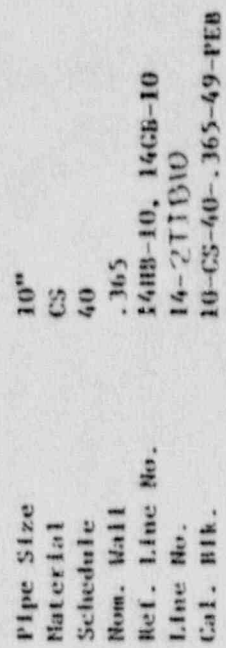
CORE SPRAY
PUMP 3AP37



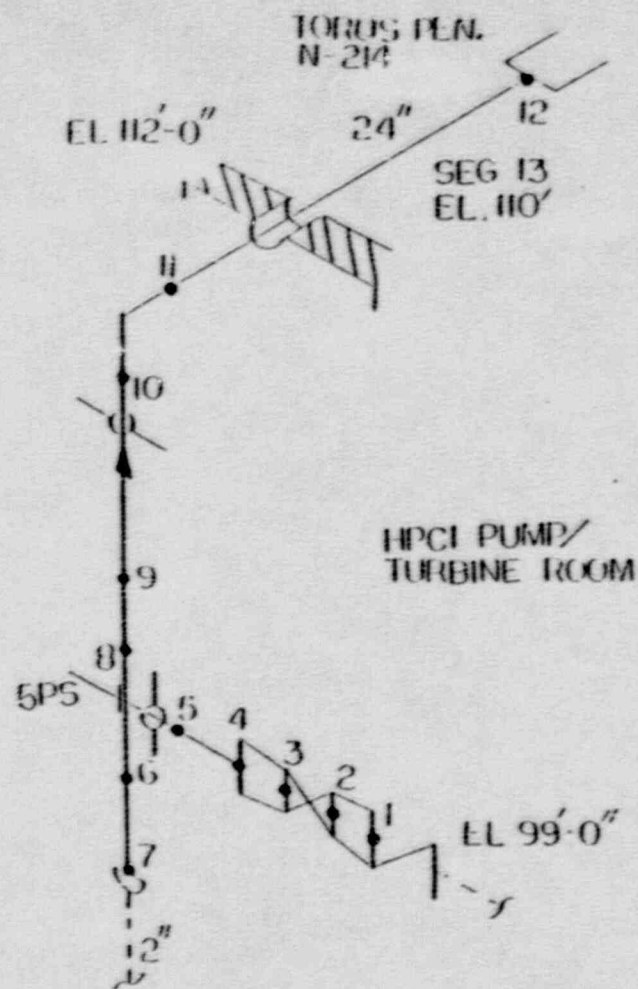
M-151-131
FIGURE B-50







28

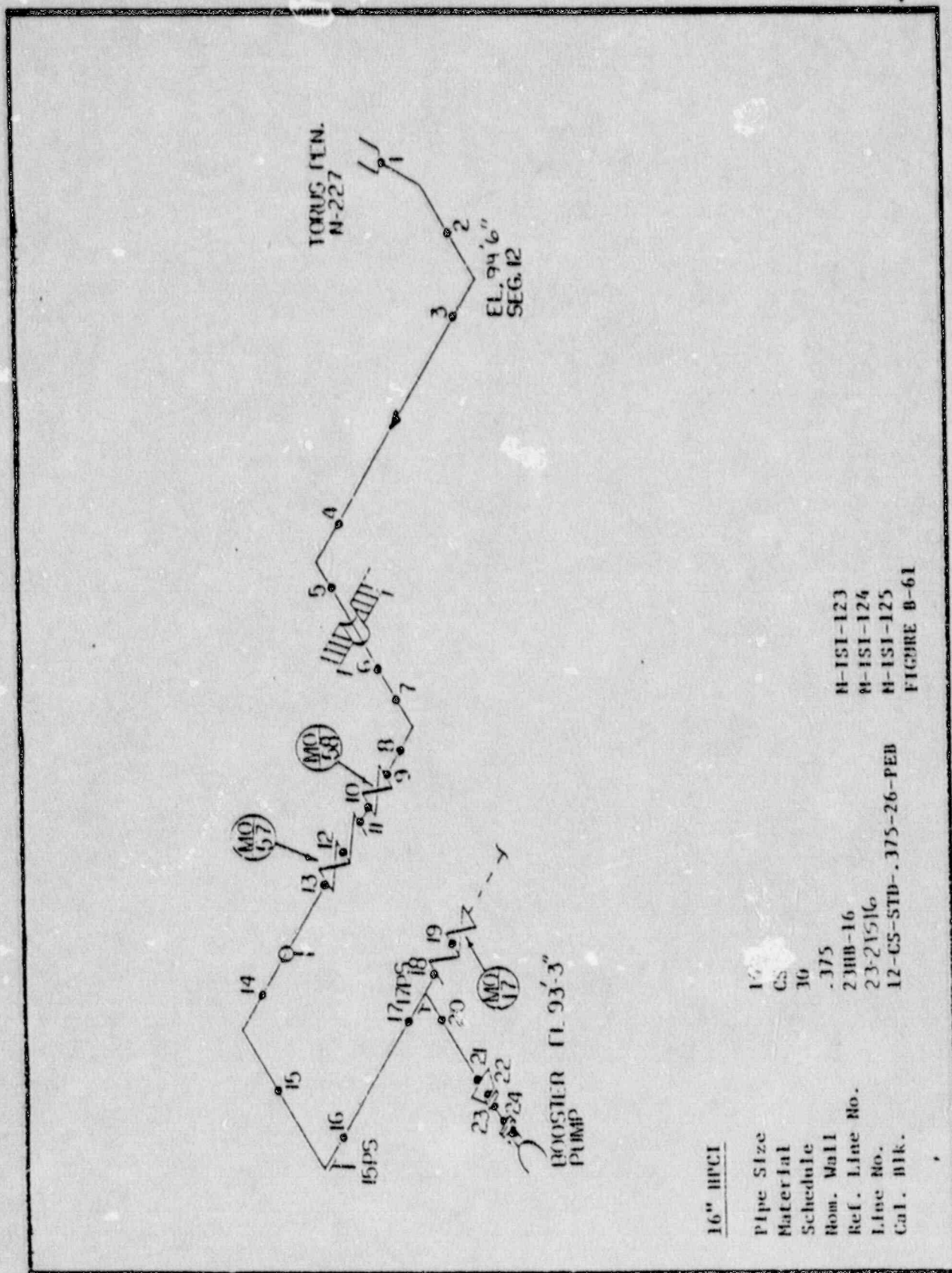


24" HPCI

Pipe Size
Material
Schedule
Nom. Wall
Ref. Line No.
Line No.
Cal. Blk.

24"
CS
20
.375
23HB-24
23-2SCI24
24-CS-20-.375-31-PED

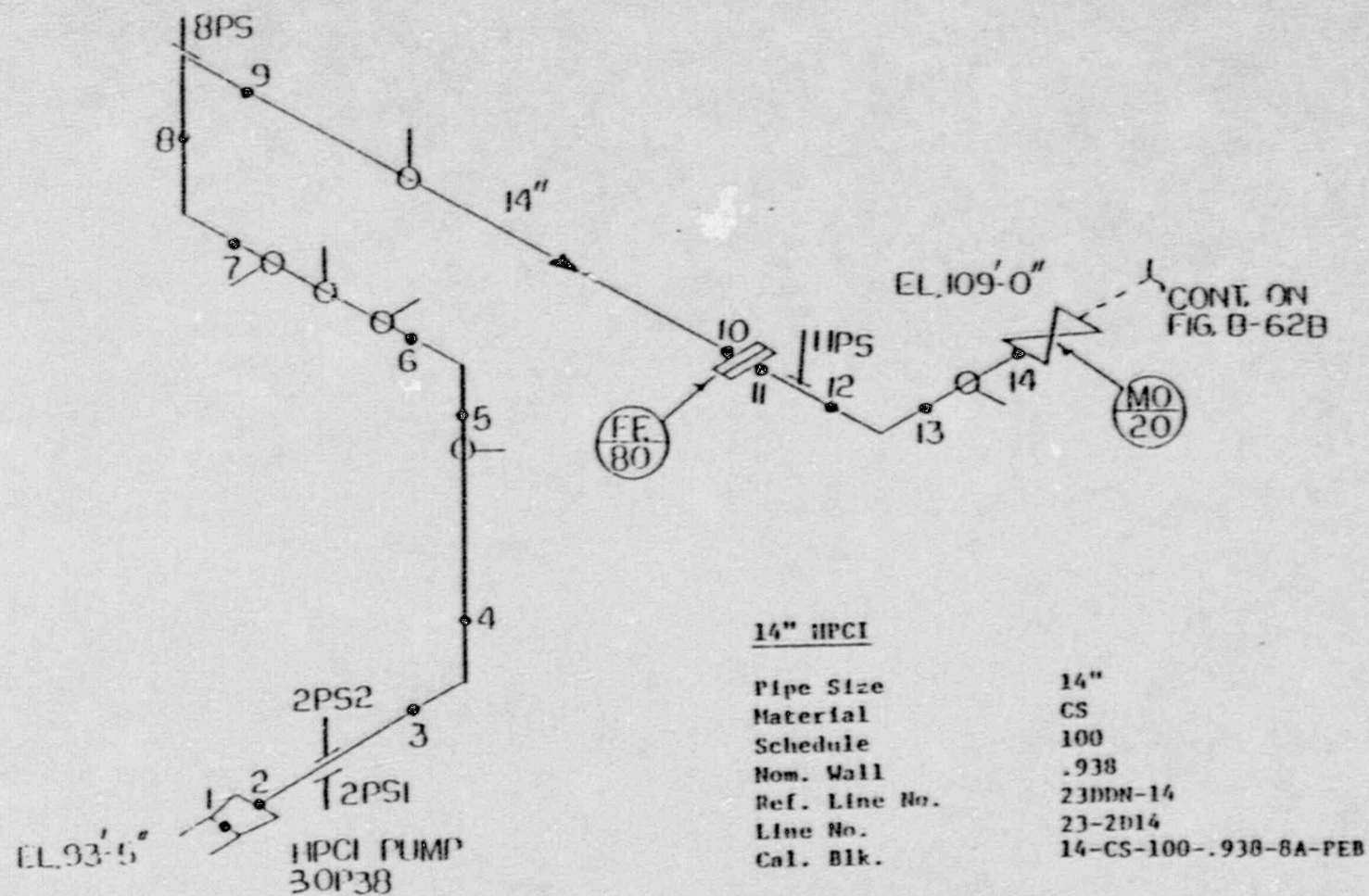
M-151-122
FIGURE B-60



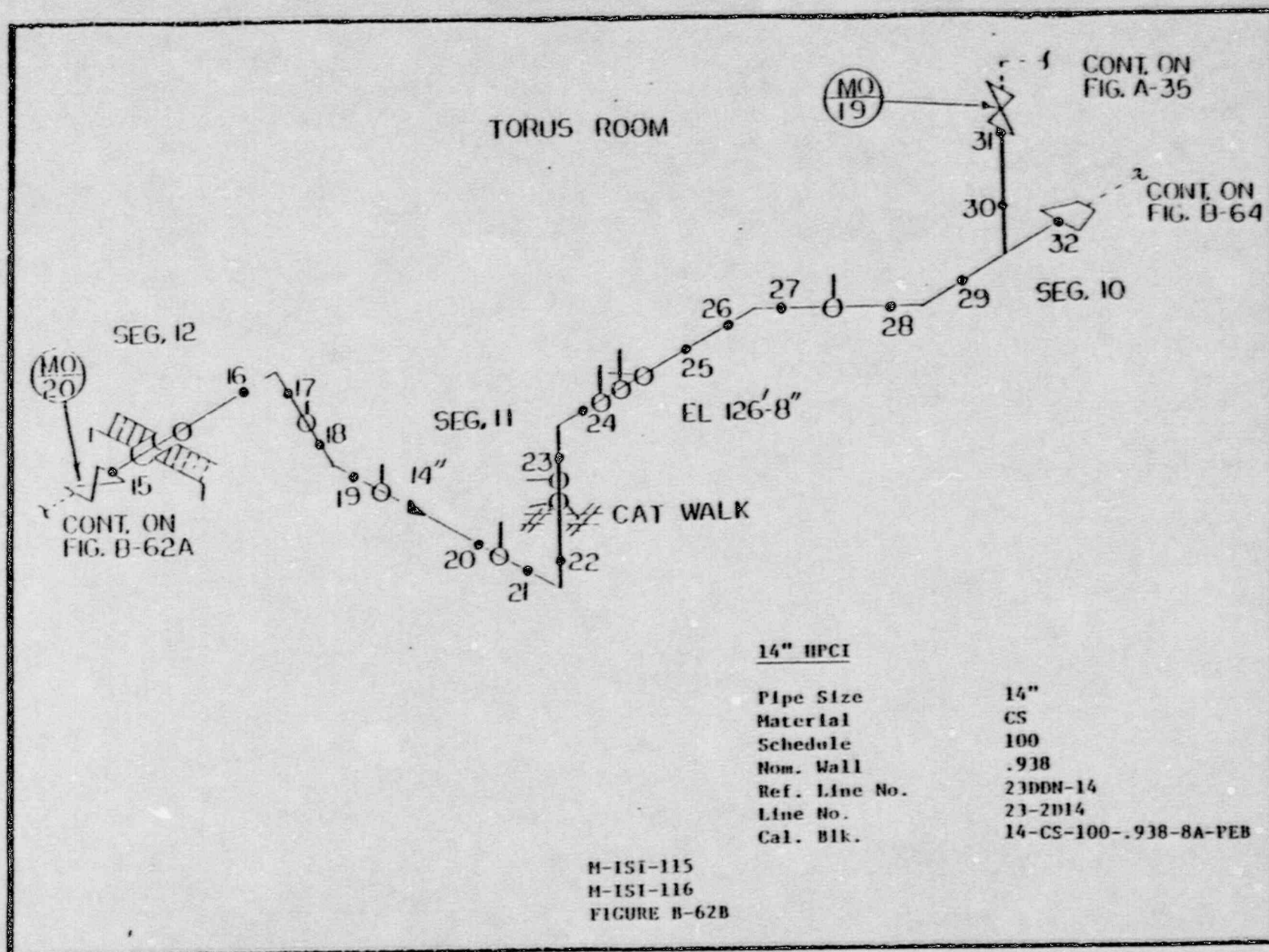
16" HPCI

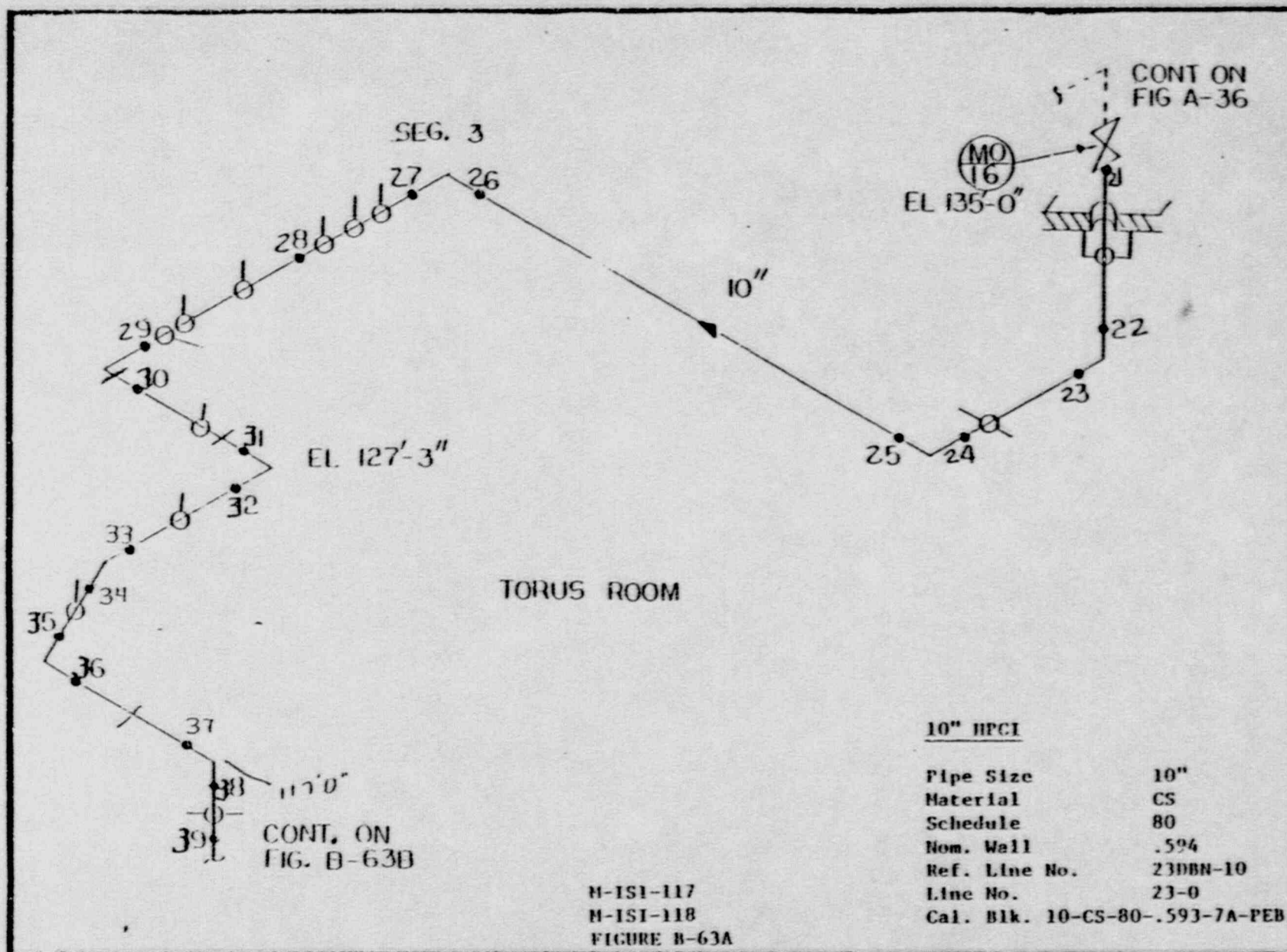
16"	CS	36	.375	23HB-16
				23-2V516
				12-CS-STB-.375-26-PEB

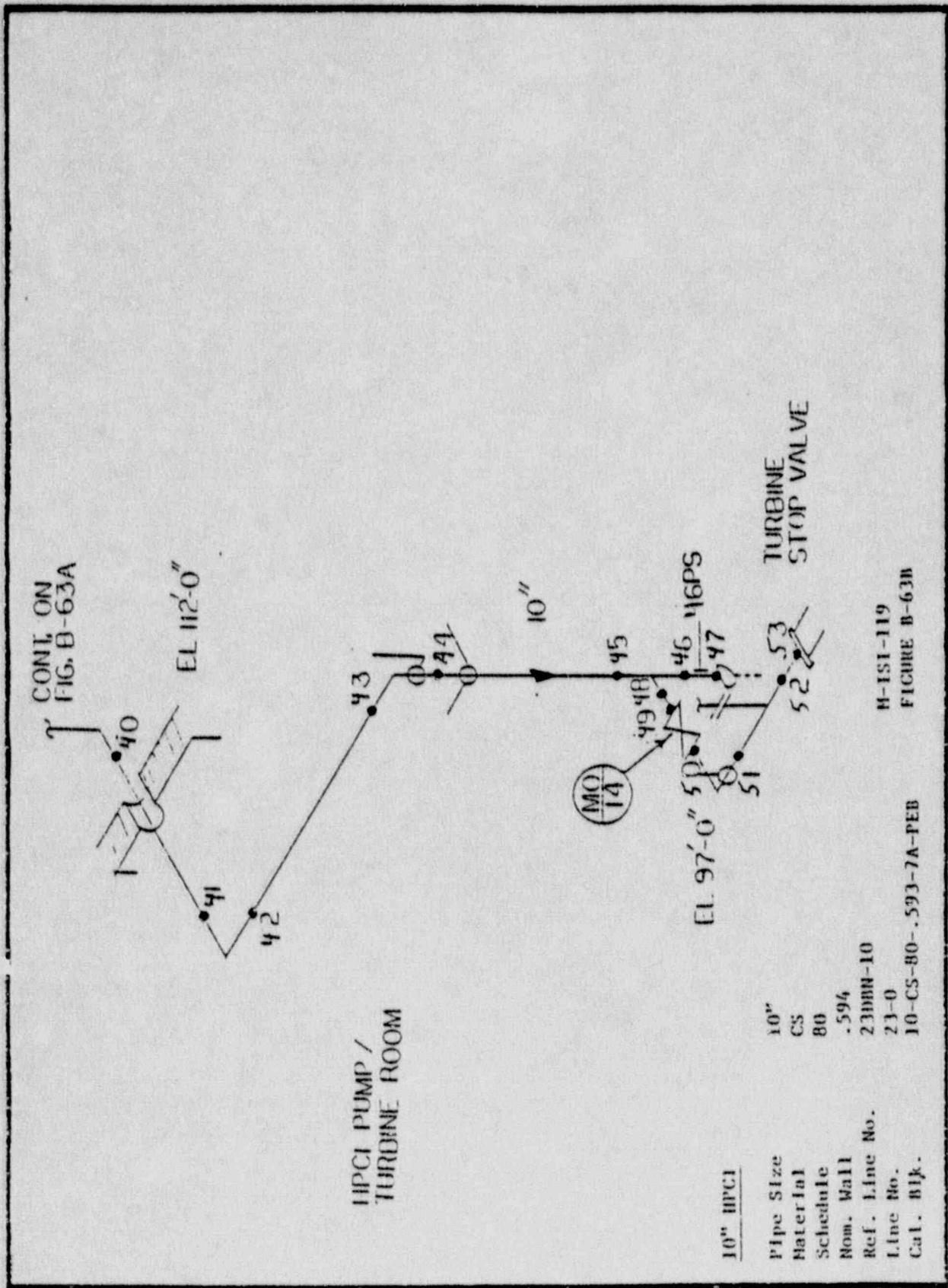
N-151-123
N-151-124
N-151-125
FIGURE B-61



M-151-114
FIGURE B-62A

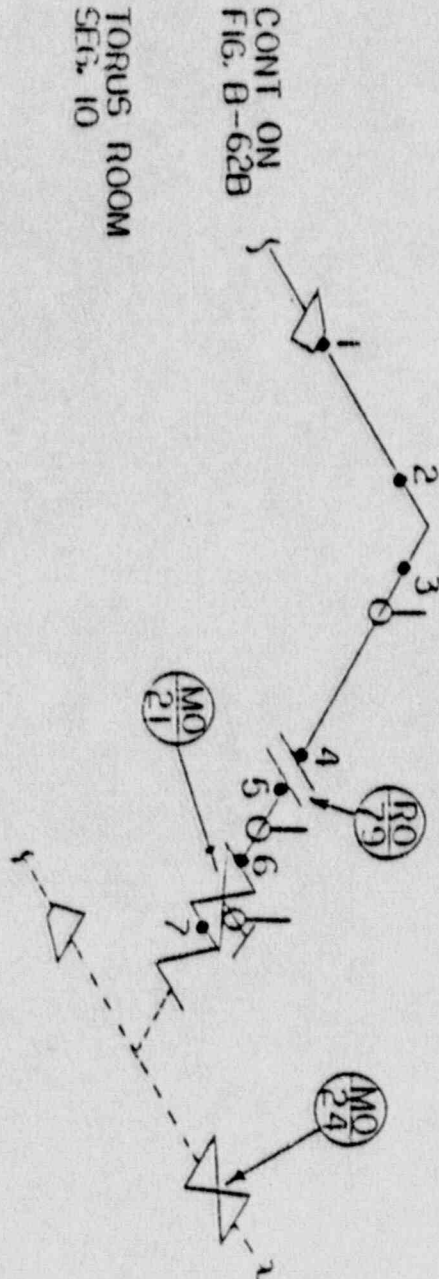






10" MPC1
 Pipe Size
 Material
 Schedule
 Nom. Wall
 Rel. Line No.
 Line No.
 Cal. Blk.

10"
 CS
 100
 .719
 23DDN-10
 23MPC110



H-151-116
 FIGURE B-64

U/3

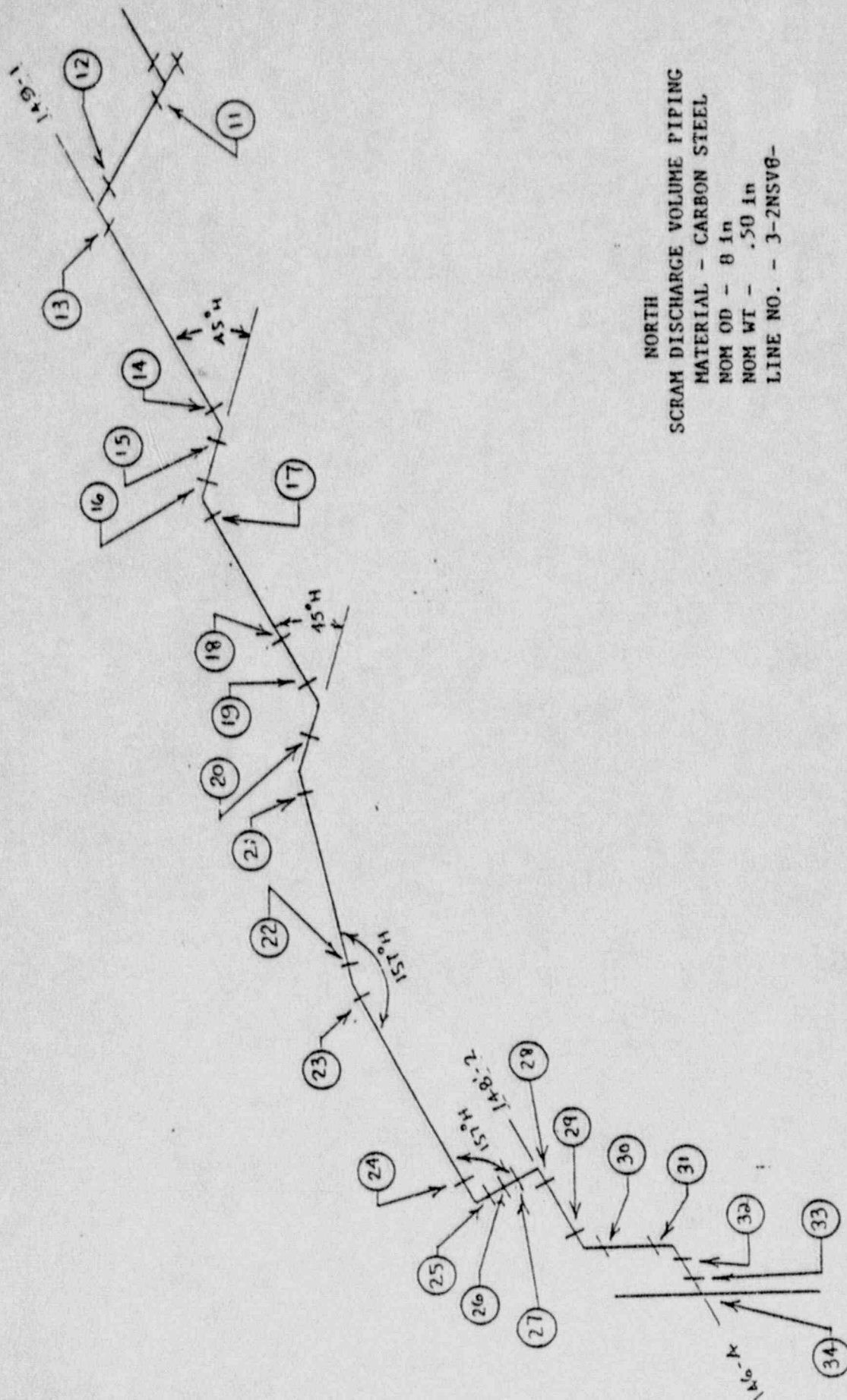


FIGURE B-76

The diagram is a network graph with 18 nodes, numbered 1 through 18. The connections are as follows:

- Node 1 is connected to nodes 10, 11, 12, and 13.
- Node 2 is connected to nodes 1 and 3.
- Node 3 is connected to nodes 2 and 7.
- Node 4 is connected to nodes 7 and 8.
- Node 5 is connected to nodes 4 and 6.
- Node 6 is connected to nodes 5 and 8.
- Node 7 is connected to nodes 3, 4, and 10.
- Node 8 is connected to nodes 4, 6, and 10.
- Node 9 is connected to nodes 10 and 11.
- Node 10 is connected to nodes 1, 7, 8, 9, and 14.
- Node 11 is connected to nodes 1, 9, and 14.
- Node 12 is connected to nodes 1 and 13.
- Node 13 is connected to nodes 1 and 12.
- Node 14 is connected to nodes 10, 11, and 15.
- Node 15 is connected to nodes 14 and 16.
- Node 16 is connected to nodes 14 and 17.
- Node 17 is connected to nodes 16 and 18.
- Node 18 is connected to nodes 17 and 2.

There are additional labels and markings on the diagram:

- A label "148-11" is placed near the line connecting nodes 12 and 13.
- A label "144-9" is placed near the line connecting nodes 15 and 16.
- A label "149-3" is placed near the line connecting nodes 10 and 11.
- There are several 'X' marks at the junctions of nodes 1, 10, 11, 7, 8, and 14.
- There are several 'I' marks on the lines connecting nodes 12, 13, 14, 15, and 16.

FIGURE B-77

37

SECTION 5

REACTOR PRESSURE VESSEL INTERNALS REFERENCE FIGURES

<u>FIGURE NO.</u>	<u>TITLE</u>	<u>PAGE</u>
C-3	Jet Pump Assembly	1
C-4	Jet Pump Riser Brace Arm Diagram	2
C-5	Jet Pump Assembly	3
C-6	Jet Pump Instrumentation Lines	4
C-7	Shroud Support Assembly	5
C-8	Shroud Access Hole Cover	6
E-2	Core Spray Line Flow Path	7
E-4	Core Spray Sparger Orientation	8
E-6	Core Spray Header and Brackets	9
B-2	Guide Rod and Upper Bracket	10
B-3	Feedwater Sparger & End Brackets	11
B-5	Top Core Guide	12
B-6	Surveillance Sample Holder & RPV Brackets	13
B-8	Top of Shroud	14

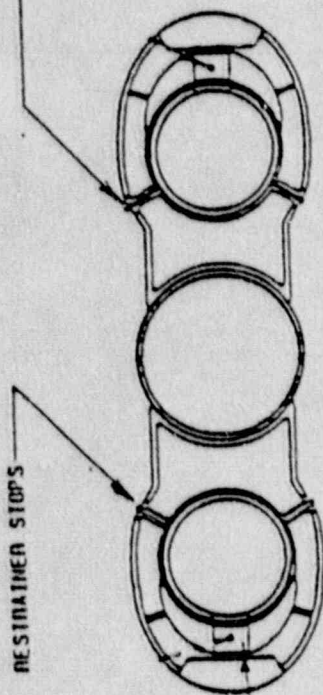


NUCLEAR MAINTENANCE
DIVISION

ATTACHMENT "C"
JET PUMP ASSEMBLY
FIGURE C-3

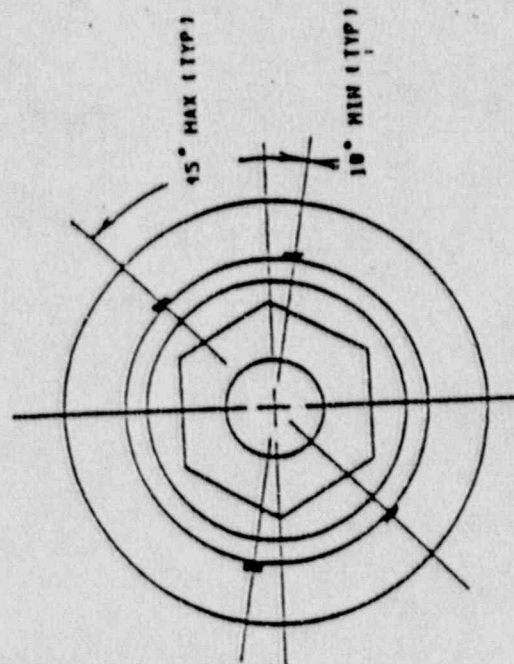
SWI-41

TACK, INSIDE SURFACE OR
OUTSIDE SURFACE OF YOKE

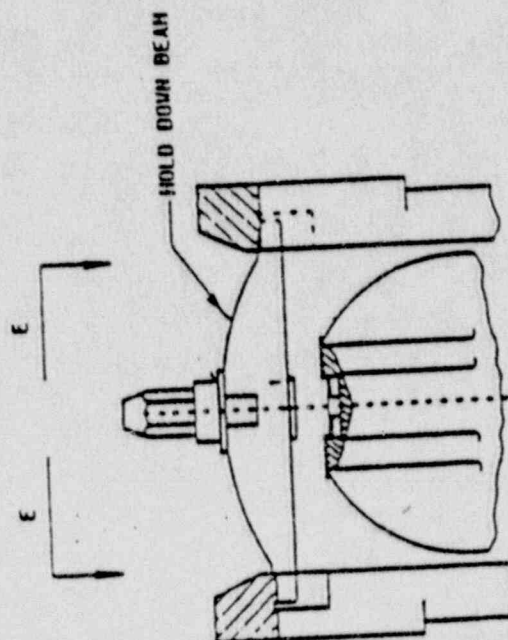


RESTRAINER WEDGE

RESTRAINER STOPS



WELD 4 PLCS, 2 PAIRS, 180° APART AS SHOWN
VIEW E-E



HOLD DOWN BEAM

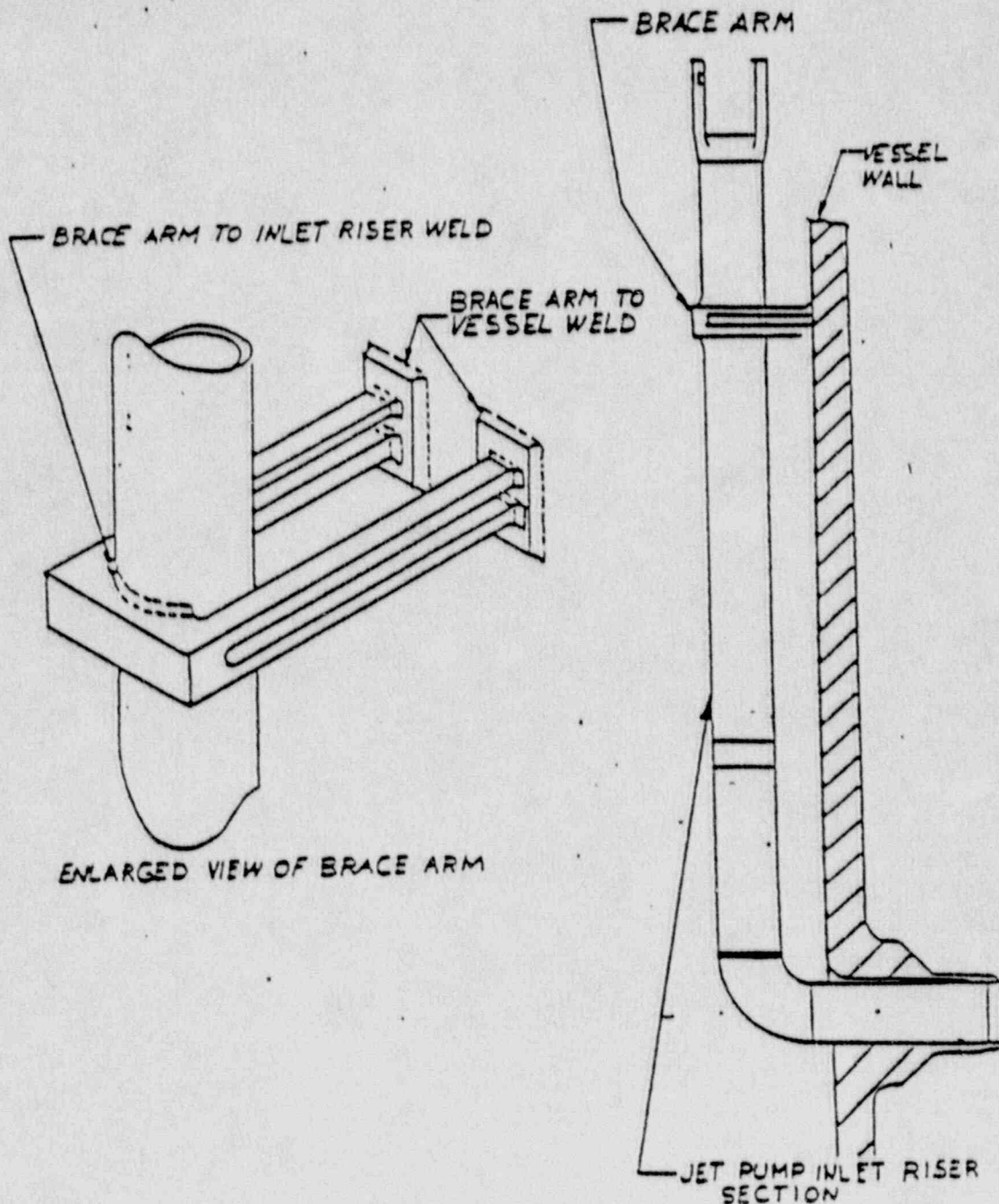


NUCLEAR MAINTENANCE
DIVISION

ATTACHMENT "C"
JET PUMP RISER BRACE ARM DIAGRAM
FIGURE C-4

SWI-41

JET PUMP RISER BRACE ARM DIAGRAM SHEET

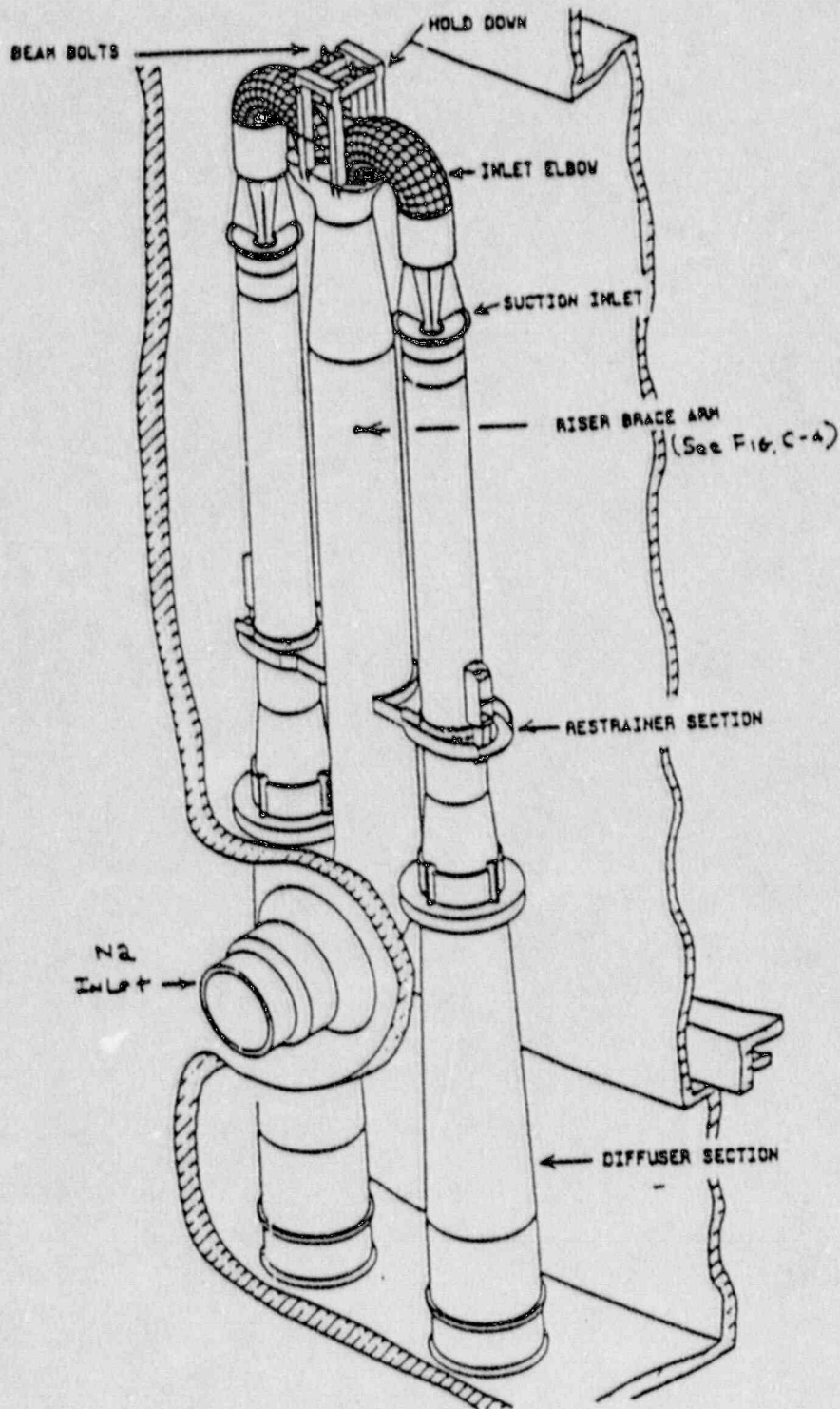




NUCLEAR MAINTENANCE
DIVISION

ATTACHMENT "C"
JET PUMP ASSEMBLY
FIGURE C-5

SWI-41



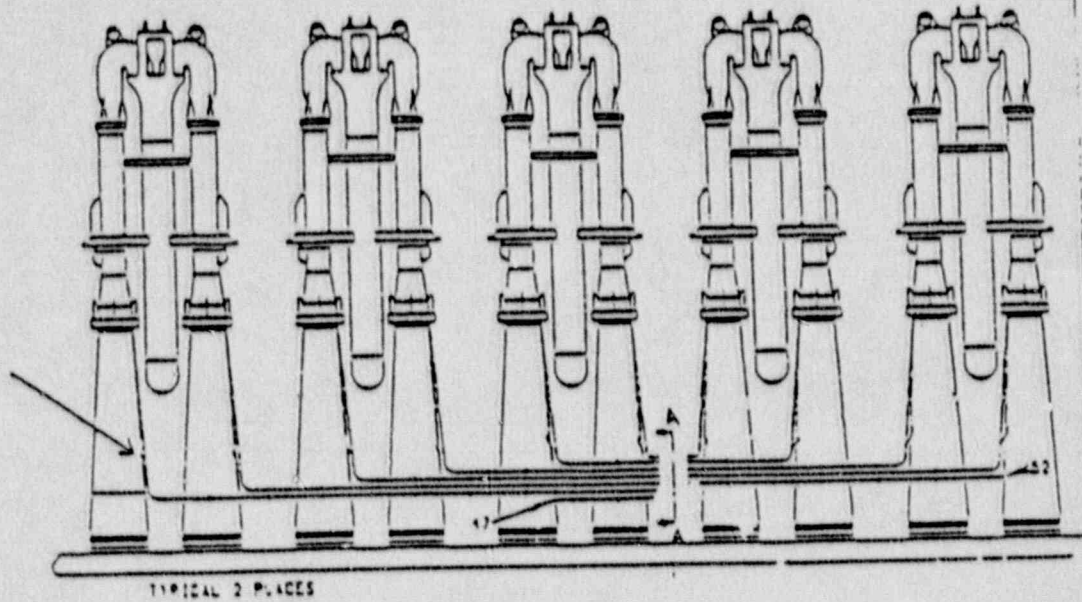


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DIVISION

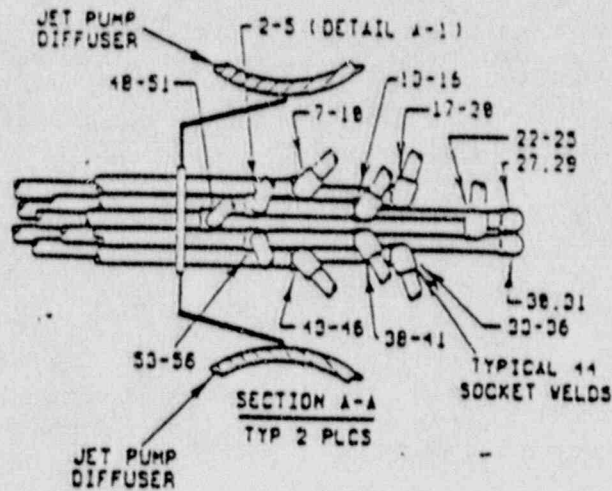
ATTACHMENT "C"
JET PUMP INSTRUMENTATION LINES
FIGURE C-6

SWI-41

SEE NOTE A



NOTE A:
TYPICAL FAILURE
LOCATION PER
SIL 420

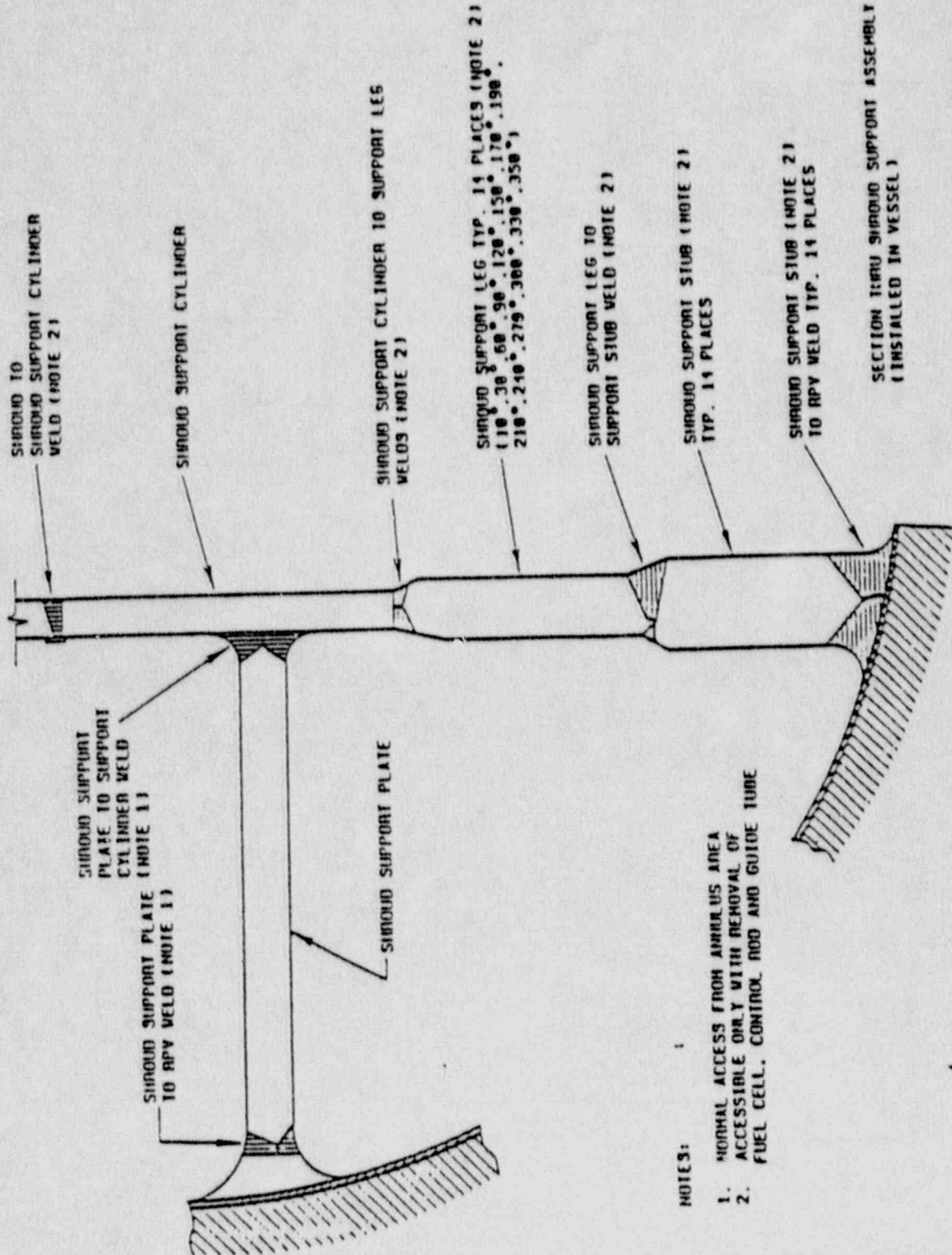




NUCLEAR MAINTENANCE
DIVISION

ATTACHMENT "C"
SHROUD SUPPORT ASSEMBLY
FIGURE C-7

SWI-41



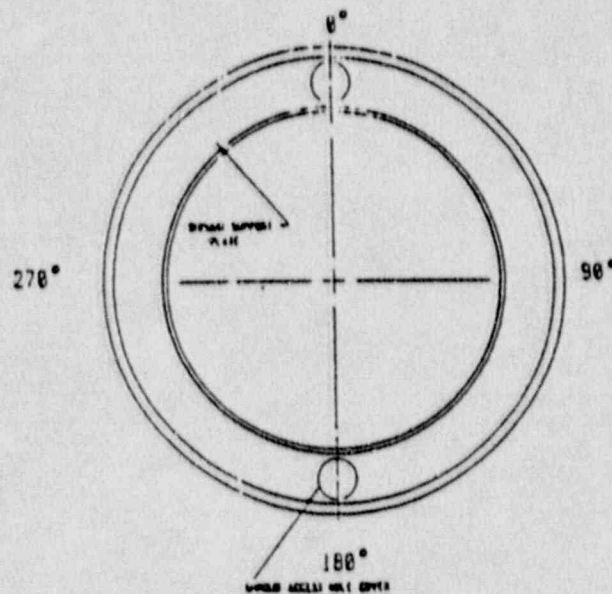
NOTES:

1. NORMAL ACCESS FROM ANNUBUS AREA
2. ACCESSIBLE ONLY WITH REMOVAL OF FUEL CELL, CONTROL ROD AND GUIDE TUBE

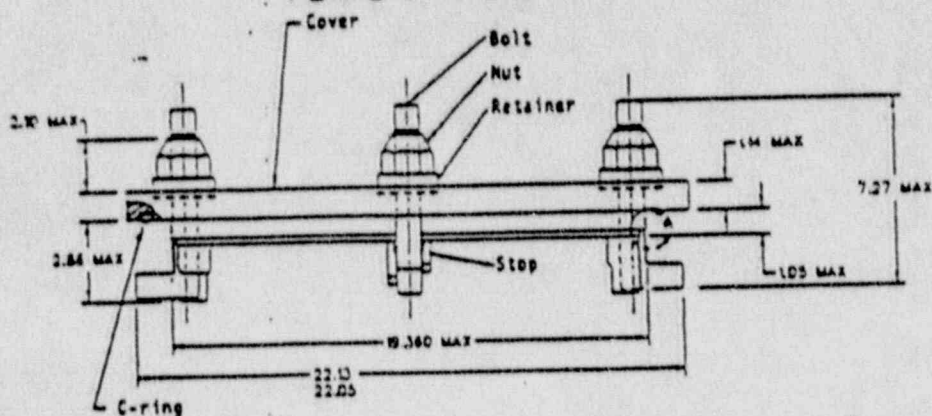
NUCLEAR MAINTENANCE
DIVISIONATTACHMENT "C"
SHROUD ACCESS HOLE COVER
FIGURE C-8

SWI-41

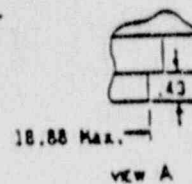
LGS & PBAPS



PBAPS UNIT 3 ONLY



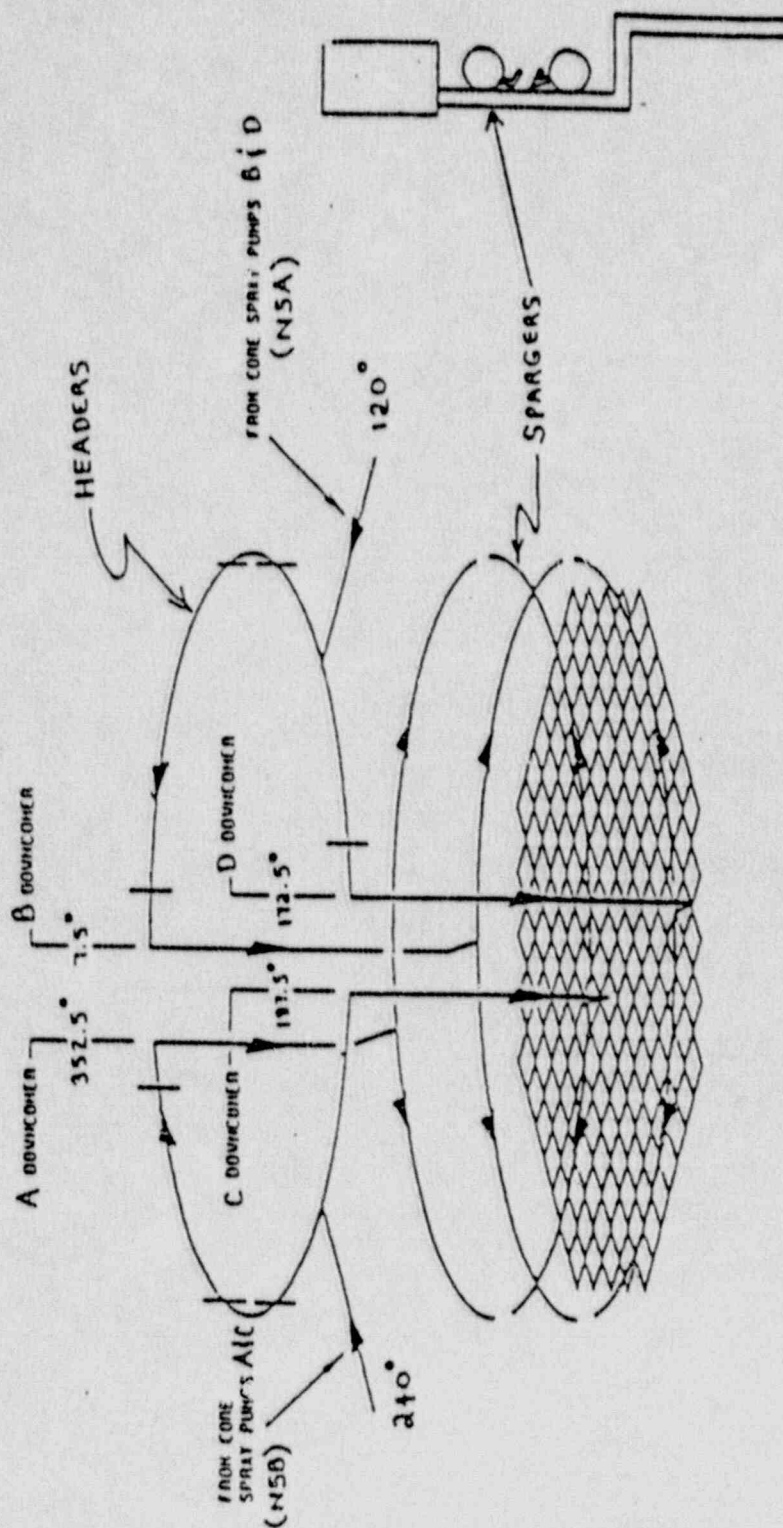
NOTE: Retainer to nut
tack welded in
2 places, 4 bolts,
(90 deg. quadrants)



NUCLEAR MAINTENANCE
DIVISION

ATTACHMENT "B" CORE SPRAY LINE FLOW PATH PEACH BOTTOM FIGURE E-2

SWI-41



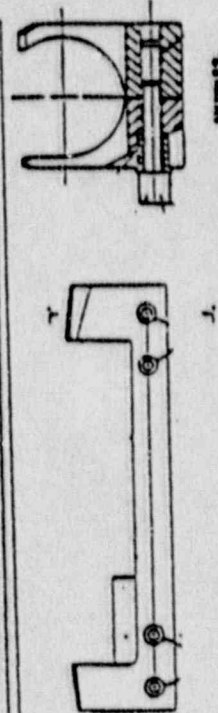
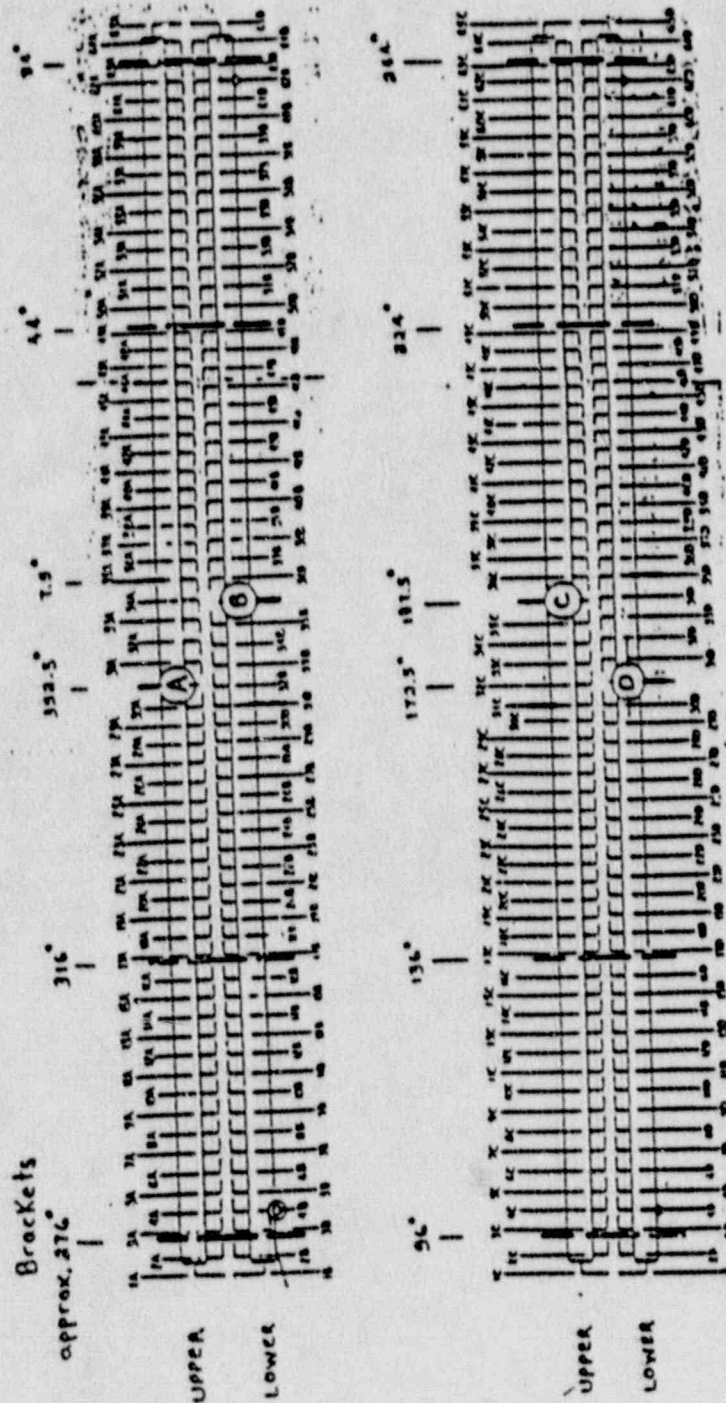
CORE SPRAY HEADER BRACKETS 15° 165° 195° & 315°



NUCLEAR MAINTENANCE
DIVISION

ATTACHMENT "E"
CORE SPRAY SPARGER ORIENTATION
PEACH BOTTOM
FIGURE E-4

SWI-41



-B- 0910000 00010 000000
 7.5 44 100 0000

PEACH BOTTOM CORE SPRAY SPARGERS

ATTACHMENT "E"
CORE SPRAY HEADER AND BRACKETS
FIGURE E-6

HEADS BRACKET (PB & LOGS)
115, 145, 195, 245 No

HEADS BRACKET (PB ONLY)
117, 122, 237, 243 No

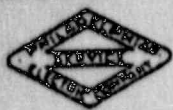
HEADS BRACKET (LOGS ONLY)
130 & 240 & (PB ONLY)

RADIAL BRACKETS (LOGS ONLY)
113 & 247 No

VERTICAL BRACKETS (LOGS ONLY)
85 & 270 No

SIZE	PS	LOGS
PSA	120°	60°
PSB	140°	100°

CORE SPRAY HEADER & BRACKETS



NUCLEAR MAINTENANCE
DIVISION

ATTACHMENT "B"
GUIDE ROD AND UPPER BRACKET
FIGURE B-2

SWI-41

GUIDE ROD & UPPER BRACKET

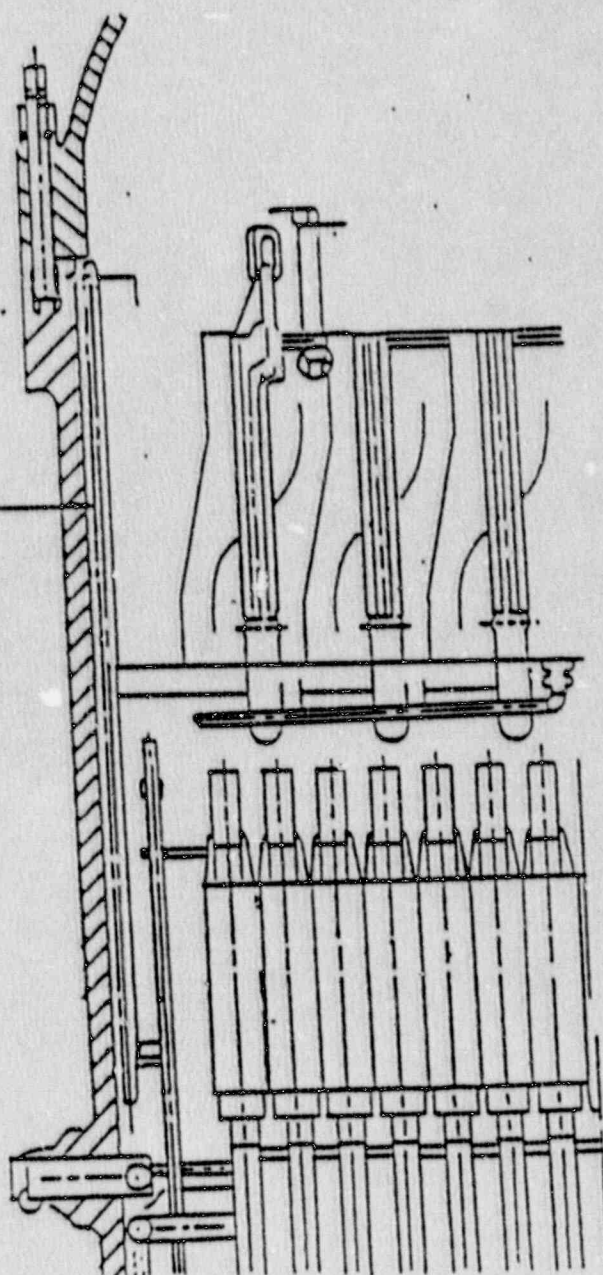
GUIDE ROD

BRACKET

TOP VIEW OF BRACKET

GUIDE ROD

SIDE VIEW OF BRACKET



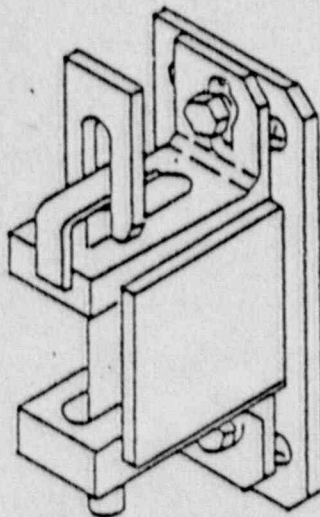


NUCLEAR MAINTENANCE
DIVISION

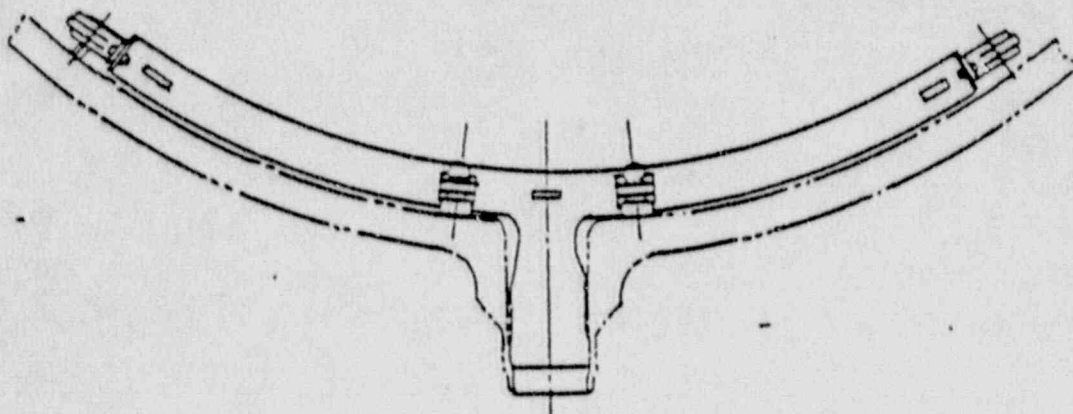
ATTACHMENT "B"
FEEDWATER SPARGER & END BRACKETS (PB)
FIGURE B-3

SWI-41

FEEDWATER SPARGER & END BRACKETS



ENLARGED VIEW OF END BRACKET



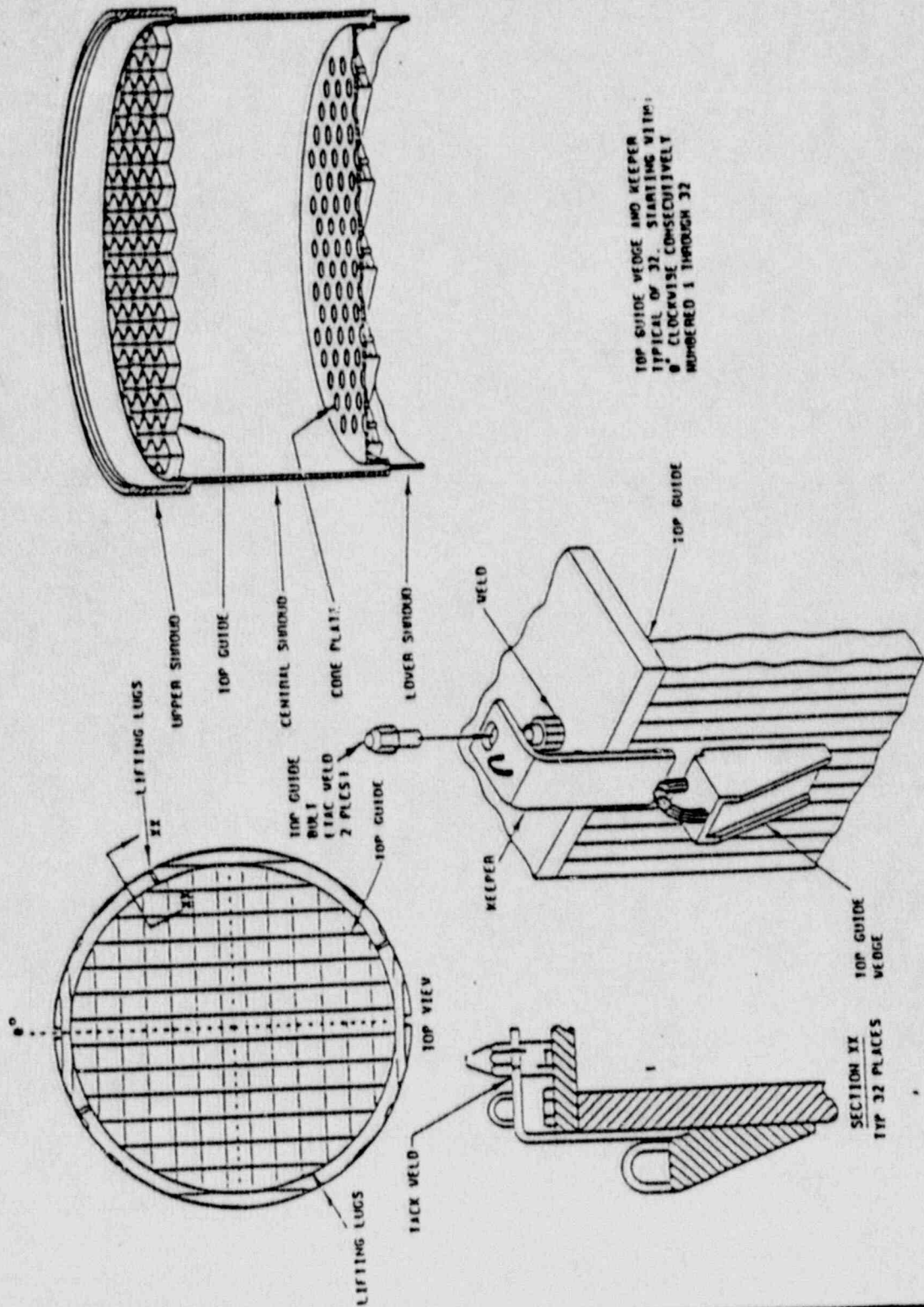
FEEDWATER SPARGER



NUCLEAR MAINTENANCE
DIVISION

ATTACHMENT "B" TOP CORE GUIDE FIGURE B-5

SWI-41



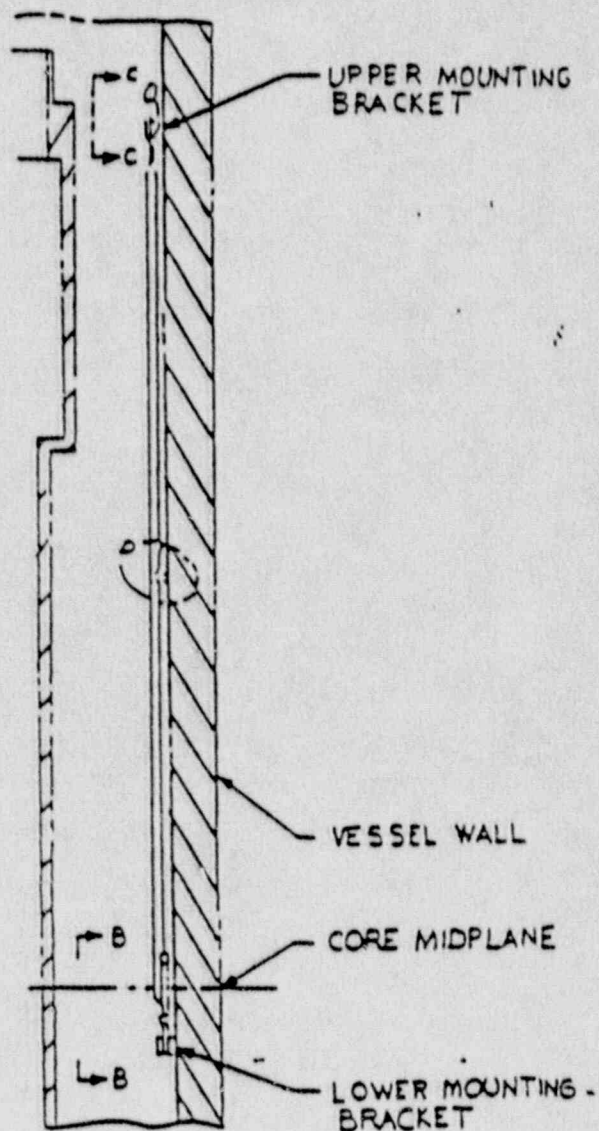
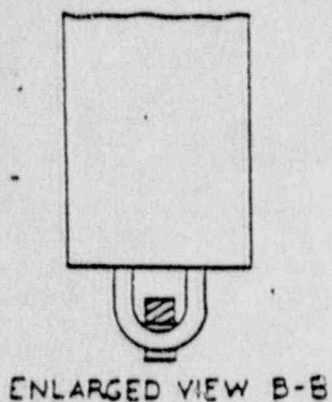
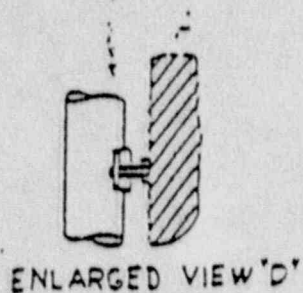
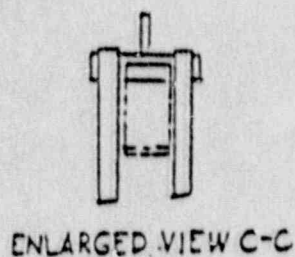


NUCLEAR MAINTENANCE
DIVISION

ATTACHMENT "B"
SURVEILLANCE SAMPLE HOLDER & RPV
BRACKETS (PBAPS)
FIGURE B-6

SWI-41

SURVEILLANCE SAMPLE HOLDER & RPV BRACKETS





NUCLEAR MAINTENANCE
DIVISION

ATTACHMENT "B"
TOP OF SHROUD
FIGURE B-8

SWI-41

TOP OF SHROUD

