

INSERVICE INSPECTION PROGRAM PLAN
REACTOR PRESSURE VESSEL

SHOREHAM NUCLEAR POWER PLANT
UNIT 1

Prepared For

LONG ISLAND LIGHTING COMPANY

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4	<i>Albert C. Wood</i>	<i>Mark J. Selive 1-29-88</i>	<i>[Signature]</i>	<i>508 out for BGA 1/25/88</i>	
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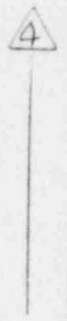
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Appendix A



1. INTRODUCTION

This document presents the Inservice Inspection Requirements for the Reactor Pressure Vessel of the Shoreham Nuclear Power Plant.

The General Text, NES Document Number 80A8608 presents the basis for the Inservice Inspection Program and a more detailed description of the Inservice Inspection Program Plan than is contained in this document.

2. CLASSIFICATION

The Reactor Pressure Vessel Drawings have been reviewed. In accordance with Regulatory Guide 1.26 Rev 3 all components covered by this document are Quality Group A.

3. EXEMPTIONS

The portions of the Reactor Pressure Vessel that are exempted from the volumetric and surface examinations of Section XI are listed in Table 3-1.

TABLE 3-1
EXEMPTIONS

<u>Quality Group</u>	<u>Component Description</u>	<u>Basis for Exemption</u>	<u>Boundary Diagram</u>
A	All piping 1 inch nominal pipe size and smaller	IWB-1220(b)	None

4. EXCEPTIONS

For those examinations in the Reactor Pressure Vessel that cannot be completed in accordance with the Section XI requirements a relief request will be prepared and submitted to the NRC. Those areas for which a relief request has been prepared are listed in Table 4-1.

**TABLE 4-1
EXCEPTIONS**



<u>Component Identification</u>	<u>Component Description</u>	<u>Fig. No.</u>	<u>Relief Request</u>	<u>Remarks</u> 
CS-2A	Core Spray Nozzle N5A Safe-end to Transition Piece Weld	8609-10	8609-R1	
CS-2B	Core Spray Nozzle N5B Safe-end to Transition Piece Weld	8609-10	8609-R1	
1-318B	Closure Head Meridional Weld at 45 Deg.	8609-03	8609-R2	
1-318D	Closure Head Meridional Weld at 135 Deg.	8609-03	8609-R2	
1-318F	Closure Head Meridional Weld at 225 Deg.	8609-03	8609-R2	
1-318H	Closure Head Meridional Weld at 315 Deg.	8609-03	8609-R2	
4-308A	Shell Circumferential Weld at Elevation 553	8609-04	8609-R2	
4-308B	Shell Circumferential Weld at Elevation 403	8609-04	8609-R2	
1-313	Shell Circumferential Weld at Elevation 253	8609-04	8609-R2	
3-318	Closure Head Circumferential Weld	8609-04	8609-R2	
1-308A	Shell Longitudinal Weld at 30 Deg.	8609-05	8609-R2	
1-308E	Shell Longitudinal Weld at 120 Deg.	8609-05	8609-R2	

TABLE 4-1 (Continued)
EXCEPTIONS

<u>Component Identification</u>	<u>Component Description</u>	<u>Fig. No.</u>	<u>Relief Request</u>	<u>Remarks</u>
1-308F	Shell Longitudinal Weld at 240 Deg.	8609-05	8609-R2	
1-308G	Shell Longitudinal Weld at 30 Deg.	8609-06	8608-R2	
1-308H	Shell Longitudinal Weld at 150 Deg.	8609-06	8609-R2	
1-308J	Shell Longitudinal Weld at 270 Deg.	8609-06	8609-R2	
1-307B	Shell Longitudinal Weld at 138 Deg.	8609-06	8609-R2	
1-307C	Shell Longitudinal Weld at 258 Deg.	8609-06	8609-R2	
1-306D	Bottom Head Meridional Weld at 174.5 Deg.	8609-07	8609-R2	
4-316A	RPV to FW Nozzle N4A Weld at 45 Deg.	8609-09	8609-R2	
4-316A-r	FW Nozzle N4A Inner Radius	8609-09	8608-R2	
4-316C	RPV to FW Nozzle N4C Weld at 225 Deg.	8609-09	8609-R2	
4-316C-r	FW Nozzle N4C Inner Radius	8609-09	8609-R2	

**RELIEF REQUEST
8609-R1**

System: Reactor Pressure Vessel

Category: B-F

Quality Group: A

Component Description: Safe-end to Pipe weld; CS-2A, 2B.

Code Requirements: Volumetric examination of 100% of circumferential and the adjoining 1 ft. of longitudinal pipe welds shall be performed.

Basis for Relief: Relief is required from the ASME Section XI examinations on the basis of partial inaccessibility of the welds and required volume due to plant design.

The justification for requesting relief from ASME Section XI examination requirements is as follows:

49% coverage of each of the partially inspectable welds was achieved during the PSI. Completion of 49% of the scan is predicted for the ISI. Since the construction, operating conditions and environmental conditions on the non-inspectable portions of the weld are identical to the areas which can be inspected, the results of the inspected areas can be extended to the non-inspected area.

Alternate Testing: None.

RELIEF REQUEST
8609-R2

System: Reactor Pressure Vessel

Category: B-A, B-D

Quality Group: A

Component Description: Reactor Pressure Vessel welds (See attachment).

Code Requirement: Volumetric examination of 100% of pressure containing welds in reactor vessel.

Basis for Relief: Relief is required from the ASME Section XI examination requirements and the augmented requirements of NUREG-0619 on the basis of partial inaccessibility of the welds and required volume due to vessel design. The Purchase Order date for the reactor pressure vessel, dated February, 1967, resulted in vessel design prior to issue of the ASME Section XI Code.

The justification for requesting relief from ASME Section XI examination is as follows:

1. Complete examinations meeting the requirements of the ASME Code Section XI will be performed on welds of similar configurations utilizing the same weld techniques, procedures and materials. The inspected welds will be subject to the same operating and environmental conditions as the partially inspected welds. It is, therefore, reasonable to extend the results of the inspectable welds to the partially inspectable welds.
2. A substantial percent coverage of each of the partially inspectable welds (see attachment) was achieved during PSI. Since the construction, operating conditions and environmental conditions on the non-inspectable portions of the weld are identical to the inspected area, the results of the inspected areas can be extended to the non-inspected area.

Alternate Testing: None.

4

RELIEF REQUEST 8609-R2
Attachment

<u>Weid I.D. Number</u>	<u>System</u>	<u>Category</u>	<u>Configuration</u>	<u>Nature of Obstruction</u>	<u>Estimated % of Scan Completed</u>
1-308A	RPV	B-A	Shell Course Weld	Vessel Nozzle	99
1-308E	RPV	B-A	Shell Course Weld	Vessel Support Lug	97
1-308F	RPV	B-A	Shell Course Weld	Vessel Geometry & Support Lug	95
1-308G	RPV	B-A	Shell Course Weld	Vessel Taper	99
1-308H	RPV	B-A	Shell Course Weld	Vessel Taper	99
1-308J	RPV	B-A	Shell Course Weld	Vessel Taper	99
1-313	RPV	B-A	Shell Course Weld	Vessel Taper	95
1-307B	RPV	B-A	Shell Course Weld	Vessel Taper	97
1-307C	RPV	B-A	Shell Course Weld	Vessel Taper	97
4-308A	RPV	B-A	Shell Course Weld	Vessel Support Lug	93
4-308B	RPV	B-A	Shell Course Weld	Taper Transition Between Plates	99
3-318	RPV	B-A	Closure Head Weld	Vessel Nozzle	89
1-318B	RPV	B-A	Closure Head Weld	Vessel Head Lifting Lug	98
1-318D	RPV	B-A	Closure Head Weld	Vessel Head Lifting Lug	98
1-318F	RPV	B-A	Closure Head Weld	Vessel Head Lifting Lug	98
1-318H	RPV	B-A	Closure Head Weld	Vessel Head Lifting Lug	97
1-306D	RPV	B-A	Bottom Head Weld	Nozzle Pad	93
4-316A	RPV	B-D	Nozzle to Shell	Instrument Nozzle Pads	85
4-316A-r	RPV	B-D	Nozzle Inner Radius	Instrument Nozzle Pads	89
4-316C	RPV	B-D	Nozzle to Shell	Instrument Nozzle Pads	85
4-316C-r	RPV	B-D	Nozzle Inner Radius	Instrument Nozzle Pads	89

5. CALIBRATION STANDARDS

Table 5-1 lists the Calibration Standards for ultrasonic examinations scheduled for the Reactor Pressure Vessel.

TABLE 5-1
Calibration Standards

<u>Title</u>	<u>Material</u>	<u>Drawing</u>
CRD-BI	Inconel 600/5A508, CL2	80D5021
CS-1-1A	SA-508, Class 2, Clad	80D0460
CS-1-1B	Inconel 600	80D5007
CS-2-A	SA-508, Class 2	80D5008
CS-2-B	Inconel 600	80D5009
JPI	SA-182, F-304/SA-508, CL. 2	80E0415
STEAM	SA-508, CL. 2	80C0413
RC-IN	SA-182, F-304/SA-508, CL. 2	80D0414
RC-OUT-1	SA-508, CL. 2	80C5016
RC-OUT-2	SA-182, F-304	80D5013
VENT	SA-105, GR. 2	80D0422
131C8523	GE Block	---
SNPS-7.25	SA-533, Gr.B Claddeú	GE131C7902
SNPS-6	SA-533, Gr.B Claddeú	GE131C7902
SNPS-4	SA-533, Gr.B Claddeú	GE131C7902
SNPS-1.4-IR	SA-508, CL. 2	80C5012
SNPS-4.5-IR	SA-508, CL. 2	80C5012
SNPS-7-IR	SA-508, CL. 2	80C5012
SNPS-11-IR	SA-508, CL. 2	80C5012
STUD-6	SA-540, B-24	80C0419
FL/LIG	SA-508, CL. 2 Claddeú	80C0417

6. PROGRAM PLAN AND SCHEDULE

The specific Reactor Pressure Vessel ISI examination requirements are defined by the Program Plan and Schedule Tables. This Program Plan lists all the required examinations for a 10 year interval of 3 periods of 40 months each. Table 6-1 presents a summary of these Section XI required examinations scheduled by different Code categories applicable to this system.

Each weld and component is designated by a unique identification number, and then described. Also identified is the applicable examination procedure number, Code category and number, examination method, and the calibration block, if required. Any comments specific to a component are noted in the remarks column.

Examination items are divided according to the figure that they appear on. Multiple examination requirements of the same component are listed together in the schedule tables.

Augmented examinations are listed after the Section XI examinations for each period. Where the augmented requirements overlap the Section XI requirements the component is listed in both places.

The scope for the RPV internals examination is based on that identified in the Monticello program and in section 5.2.3.2.1.3 of the Preliminary Safety Analysis Report (PSAR) for the Perry Plant. The procedures used to do these examinations will incorporate the Monticello - type techniques for detection of IGSCC.

TABLE 6-1
SECTION XI EXAMINATION SCHEDULE
REACTOR PRESSURE VESSEL

Component Description	Code Category	Examination by Period				Total In System
		P ₁	P ₂	P ₃	Total	
RPV Welds	B-A	35**	4	4	43	43
Nozzle Welds	B-D	20	18	18	56	56
Partial Penetration Welds	B-E***	-	-	-	-	-
Dissimilar Metal Welds	B-F	8	5	6	19	19
Bolting > 2"	B-G-1	260**	0	0	260	260
Bolting < 2"	B-G-2	138	1	1	140	142
Integral Attachments (Vessels)	B-H	2	1	2	5	5
Piping Welds	B-J	2	1	1	4	15
RPV Interior	B-N-1	-	-	-	-	-
RPV Core Support Structures and Interior Attachments	B-N-2	-	-	-	-	-
CRD Housing Welds	B-O	8**	0	0	8	8
System Leakage Test	B-P	*	*	*	-	-
System Hydro Test	B-P	0	0	1	1	-



- * Leakage Test is required at each refueling outage.
- ** Some or all of these examinations may be deferred to the end of the interval.
- *** The VT-2 examinations required by this category are addressed in the Pressure Test Program.

Note - B-G-2 includes bolting on 137 CRD flanges.

7. PRESSURE TESTS

In accordance with Code Category B-P the Reactor Pressure Vessel requires a leakage test every refueling outage and a hydrostatic test once during the interval (10 year). The leakage test is to be done in accordance with IWB-5221 and the hydrostatic test in accordance with IWB-5222.

8. ISOMETRIC FIGURES AND SKETCHES

The figures listed in Table 8-1 show the identification and location of areas requiring examination in the Reactor Pressure Vessel.

TABLE 8-1
Isometric Figures

8609-1	Rev. 0
8609-2	Rev. 0
8609-3	Rev. 0
8609-4	Rev. 0
8609-5	Rev. 0
8609-6	Rev. 0
8609-7	Rev. 0
8609-8	Rev. 0
8609-9	Rev. 0
8609-10	Rev. 0
8609-11	Rev. 0
8609-12	Rev. 0
8609-13	Rev. 3
8609-14	Rev. 0
8609-15	Rev. 0
8609-16	Rev. 0



9. AUGMENTED REQUIREMENTS

Following are the augmented requirements that apply to the Reactor Pressure Vessel.

9.1 NUREG-0619

An external UT examination of all feedwater nozzle safe ends, bores and inside blend radii will be performed at every second scheduled refueling outage. The same areas will receive a PT examination at every ninth scheduled refueling outage (on or after 135 startup/shutdown cycles). In addition, the feedwater

spargers will receive a visual inspection at every fourth scheduled refueling outage.

9.2 IE BULLETIN 80-13

The core spray spargers and the segment of piping between the inlet nozzle and the vessel shroud will receive a visual inspection at each refueling outage.

9.3 IE BULLETIN 80-07

In conjunction with the RPV interior examination (B-N-1), done at each refueling outage, a visual inspection assisted by a TV camera will be conducted to assess the integrity of the jet pump structures, the hold-down beam assembly, hold-downs, wedge and restrainer assembly. Particular attention will be given to areas of unusual wear, failed keeper welds or other evidence of distress that could be indicative of loss of beam assembly preload.

In addition, ultrasonic examinations, will be conducted to assess the integrity of the jet pump hold-down beams at the mid length ligament areas bounding the beam bolt. (See period 1B)

APPENDIX A

APPENDIX A

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The following notes apply to the Program Plan and Schedule Tables.

Note 1 - This examination has been scheduled for the first period, however the examination may be deferred to a time later in the interval.

Note 2 - Not Applicable.

Note 3 - Not Applicable.

Note 4 - Not Applicable



Note 5 - The augmented requirements of IE Bulletin 80-07 and 80-13 are to be included with the Section XI requirements.

Note 6 - This weld is scheduled to be examined by requirements of NUREG-0619 which meets or exceeds the Section XI requirement and is listed here only for continuity.

Note 7 - Examination to be performed at each refueling outage.

Note 8 - Examination to be performed at or near the end of the inspection interval.

Note 9 - The feedwater spargers are to receive a visual inspection at every fourth scheduled refueling outage per the requirements of NUREG-0619; however, due to the "Halapatz concern" this area has been scheduled for examination at every refueling outage. (See Period IB)



Note 10 - UT examination to be performed at every second scheduled refueling outage. PT examination to be performed at every ninth refueling outage.

Note 11 - Bolts, Studs, and Nuts are to be examined when disassembled.

PERIOD 1

SYSTEM: REACTOR PRESSURE VESSEL
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SHOREHAM NUCLEAR POWER STATION
ISI PROGRAM PLAN AND SCHEDULE
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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
1-318A	N/A	CLOSURE HEAD MERIDIONAL WELD AT 0 DEG.	80A3136	SNPS-4	B-A	B1.22	UT	
1-318B	N/A	CLOSURE HEAD MERIDIONAL WELD AT 45 DEG.	80A3136	SNPS-4	B-A	B1.22	UT	SEE R.R.8609-R2
1-318C	N/A	CLOSURE HEAD MERIDIONAL WELD AT 90 DEG.	80A3136	SNPS-4	B-A	B1.22	UT	

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
4-308A	N/A	SHELL CIRCUMFERENTIAL WELD AT ELEVATION 553	80A3144	SNPS-6	B-A	B1.11	UT	SEE NOTE 1 SEE R.R.8609-R2
4-308B	N/A	SHELL CIRCUMFERENTIAL WELD AT ELEVATION 403	80A3144	SNPS-6	B-A	B1.11	UT	SEE NOTE 1 SEE R.R.8609-R2
1-313	N/A	SHELL CIRCUMFERENTIAL WELD AT ELEVATION 253	80A3144	SNPS-6 SNPS-7.25	B-A	B1.11	UT	SEE NOTE 1 SEE R.R.8609-R2
6-307	N/A	SHELL CIRCUMFERENTIAL WELD AT ELEVATION 104	80A3144	SNPS-4	B-A	B1.11	UT	SEE NOTE 1
4-306	N/A	BOTTOM HEAD CIRCUMFERENTIAL WELD	80A3144	SNPS-4	B-A	B1.21	UT	SEE NOTE 1
5-306	N/A	BOTTOM HEAD CIRCUMFERENTIAL WELD	80A3144	SNPS-7.25	B-A	B1.21	UT	SEE NOTE 1

SYSTEM: REACTOR PRESSURE VESSEL
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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
1-308A	N/A	SHELL LONGITUDINAL WELD AT 30 DEG.	80A3144	SNPS-6	B-A	B1.12	UT	SEE NOTE 1 SEE R.R.8609-R2
1-308B	N/A	SHELL LONGITUDINAL WELD AT 150 DEG.	80A3144	SNPS-6	B-A	B1.12	UT	SEE NOTE 1
1-308C	N/A	SHELL LONGITUDINAL WELD AT 270 DEG.	80A3144	SNPS-6	B-A	B1.12	UT	SEE NOTE 1
1-308D	N/A	SHELL LONGITUDINAL WELD AT 0 DEG.	80A3144	SNPS-6	B-A	B1.12	UT	SEE NOTE 1
1-308E	N/A	SHELL LONGITUDINAL WELD AT 120 DEG.	80A3144	SNPS-6	B-A	B1.12	UT	SEE NOTE 1 SEE R.R.8609-R2
1-308F	N/A	SHELL LONGITUDINAL WELD AT 240 DEG.	80A3144	SNPS-6	B-A	B1.12	UT	SEE NOTE 1 SEE R.R.8609-R2

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
1-308G	N/A	SHELL LONGITUDINAL WELD AT 30 DEG.	80A3144	SNPS-6	B-A	B1.12	UT	SEE NOTE 1 SEE R.R.8609-R2
1-308H	N/A	SHELL LONGITUDINAL WELD AT 150 DEG.	80A3144	SNPS-6	B-A	B1.12	UT	SEE NOTE 1 SEE R.R.8609-R2
1-308J	N/A	SHELL LONGITUDINAL WELD AT 270 DEG.	80A3144	SNPS-6	B-A	B1.12	UT	SEE NOTE 1 SEE R.R.8609-R2
1-307A	N/A	SHELL LONGITUDINAL WELD AT 18 DEG.	80A3144	SNPS-7.25	B-A	B1.12	UT	SEE NOTE 1
1-307B	N/A	SHELL LONGITUDINAL WELD AT 138 DEG.	80A3144	SNPS-7.25	B-A	B1.12	UT	SEE NOTE 1 SEE R.R.8609-R2
1-307C	N/A	SHELL LONGITUDINAL WELD AT 258 DEG.	80A3144	SNPS-7.25	B-A	B1.12	UT	SEE NOTE 1 SEE R.R.8609-R2

SYSTEM: REACTOR PRESSURE VESSEL
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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
1-306A	N/A	BOTTOM HEAD MERIDIONAL WELD AT 39.5 DEG.	80A3135	SNPS-4	B-A	B1.22	UT	SEE NOTE 1
1-306B	N/A	BOTTOM HEAD MERIDIONAL WELD AT 84.5 DEG.	80A3135	SNPS-4	B-A	B1.22	UT	SEE NOTE 1
1-306C	N/A	BOTTOM HEAD MERIDIONAL WELD AT 129.5 DEG.	80A3135	SNPS-4	B-A	B1.22	UT	SEE NOTE 1
1-306D	N/A	BOTTOM HEAD MERIDIONAL WELD AT 174.5 DEG.	80A3135	SNPS-4	B-A	B1.22	UT	SEE NOTE 1 SEE R.R.8609-R2
1-306E	N/A	BOTTOM HEAD MERIDIONAL WELD AT 219.5 DEG.	80A3135	SNPS-4	B-A	B1.22	UT	SEE NOTE 1
1-306F	N/A	BOTTOM HEAD MERIDIONAL WELD AT 264.5 DEG.	80A3135	SNPS-4	B-A	B1.22	UT	SEE NOTE 1
1-306G	N/A	BOTTOM HEAD MERIDIONAL WELD AT 309.5-DEG.	80A3135	SNPS-4	B-A	B1.22	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
1-306H	N/A	BOTTOM HEAD MERIDIONAL WELD AT 354.5 DEG.	80A3135	SNPS-4	B-A	B1.22	UT	SEE NOTE 1
2-306A	N/A	BOTTOM HEAD MERIDIONAL WELD AT 5.5 DEG.	80A3135	SNPS-7.25	B-A	B1.22	UT	SEE NOTE 1
2-306B	N/A	BOTTOM HEAD MERIDIONAL WELD AT 65.5 DEG.	80A3135	SNPS-7.25	B-A	B1.22	UT	SEE NOTE 1
2-306C	N/A	BOTTOM HEAD MERIDIONAL WELD AT 125.5 DEG.	80A3135	SNPS-7.25	B-A	B1.22	UT	SEE NOTE 1
2-306D	N/A	BOTTOM HEAD MERIDIONAL WELD AT 185.5 DEG.	80A3135	SNPS-7.25	B-A	B1.22	UT	SEE NOTE 1
2-306E	N/A	BOTTOM HEAD MERIDIONAL WELD AT 245.5 DEG.	80A3135	SNPS-7.25	B-A	B1.22	UT	SEE NOTE 1
2-306F	N/A	BOTTOM HEAD MERIDIONAL WELD AT 305.5 DEG.	80A3135	SNPS-7.25	B-A	B1.22	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
2-317B	6	CLOSURE HEAD TO INSTRUMENT NOZZLE N6B AT 180 DEG.	80A3137	SNPS-4	B-D	B3.90	UT	
2-317B-r	N/A	INSTRUMENT NOZZLE N6B INNER RADIUS	80A3142	SNPS-1.4-IR	B-D	B3.100	UT	
E11-N6B-b	<2	NOZZLE N6B BLIND FLANGE BOLTING	80A3133	N/A	B-G-2	B7.50	VT-1	

SYSTEM: REACTOR PRESSURE VESSEL
 NES ISO NUMBER 8609-09

SHOREHAM NUCLEAR POWER STATION
 ISI PROGRAM PLAN AND SCHEDULE
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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
4-316A	N/A	RPV TO FW NOZZLE N4A WELD AT 45 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	SEE R.R.8609-R2
4-316A-r	N/A	FW NOZZLE N4A INNER RADIUS	80A3142	SNPS-7-IR	B-D	B3.100	UT	SEE NOTE 6 SEE R.R.8609-R2
15-316B	N/A	RPV TO MS NOZZLE N3B WELD AT 108 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	
15-316B-r	N/A	MS NOZZLE N3B INNER RADIUS	80A3142	SNPS-11-IR	B-D	B3.100	UT	
2-316A	N/A	FW NOZZLE N4A TO OLD TRANSITION PIECE WELD	80A3143 80A3132	131C8523	B-J	B9.11	UT PT	SEE NOTE 6
FW-45	N/A	FW NOZZLE N4A OLD TRANSITION PIECE TO NEW TRANSITION PIECE	80A3143 80A3132	131C8523	B-J	B9.11	UT PT	SEE NOTE 6

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
19-314A	N/A	RPV TO JPI NOZZLE N8A WELD AT 105 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
19-314A-r	N/A	JPI NOZZLE N8A INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
11-316A	N/A	RPV CS NOZZLE N5A WELD AT 90 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	
11-316A-r	N/A	CS NOZZLE N5A INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
CS-1A	N/A	CORE SPRAY NOZZLE N5A TO SAFE-END PIECE WELD	80A3143 80A3132	CS-1-1A CS-1-1B	B-F	B5.10	UT PT	
CS-2A	N/A	CORE SPRAY NOZZLE N5A SAFE-END TO TRANSITION PIECE WELD	80A3143 80A3132	CS-2-A CS-2-B	B-F	B5.10	UT PT	
10-303A	N/A	JPI NOZZLE N8A TO SAFE-END WELD	80A3143 80A3132	JPI	B-F	B5.10	UT PT	

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
5-314A	N/A	RPV TO OUTLET NOZZLE N1A WELD AT 0 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
5-314A-r	N/A	OUTLET NOZZLE N1A INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
13-314A	N/A	RPV TO INLET NOZZLE N2A WELD AT 30 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
13-314A-r	N/A	INLET NOZZLE N2A INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
13-314B	N/A	RPV TO INLET NOZZLE N2B WELD AT 60 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
13-314B-r	N/A	INLET NOZZLE N2B INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
13-314C	N/A	RPV TO INLET NOZZLE N2C WELD AT 90 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
13-314C-r	N/A	INLET NOZZLE N2C INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
13-314D	N/A	RPV TO INLET NOZZLE N2D WELD AT 120 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
13-314D-r	N/A	INLET NOZZLE N2D INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
6-303A	N/A	OUTLET NOZZLE N1A TO SAFE-END WELD	80A3143 80A3132	RC-OUT-1 RC-OUT-2	B-F	B5.10	UT PT	
8-303A	N/A	INLET NOZZLE N2A TO SAFE-END WELD	80A3143 80A3142	RC-IN	B-F	B5.10	UT PT	
8-303B	N/A	INLET NOZZLE N2B TO SAFE-END WELD	80A3143 80A3132	RC-IN	B-F	B5.10	UT PT	
8-303C	N/A	INLET NOZZLE N2C TO SAFE-END WELD	80A3143 80A3132	RC-IN	B-F	B5.10	UT PT	

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
8-303-D	N/A	INLET NOZZLE N2D TO SAFE-END WELD	80A3143 80A3132	RC-IN	B-F	B5.10	UT PT	

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
V1-F	N/A	CRD HOUSING FLANGE WELD	80A3132	N/A	B-0	B14.10	PT	SEE NOTE 1
A-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
B1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
B2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
B3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
B4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
C1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
C2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
C3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
C4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
D1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
D2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
D3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
D4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
E1-b	<2	CRD HOUSING FLANGE BOLTING	30A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
E2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
E3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
E4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
E5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
E6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
E7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
E8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
F1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
F2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
F3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
F4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
G1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
G2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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G3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
G4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
H1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
H2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
H3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
H4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
H5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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H6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
H7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
H8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
J1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
J2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
J3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
J4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
J5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
J6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
J7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
J8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
K1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
K2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
K3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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K4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
L1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
L2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
L3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
L4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
L5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
L6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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L7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
L8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
M1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
M2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
M3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
M4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
N1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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N2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
N3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
N4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
N5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
N6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
N7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
N8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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P1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
P2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
P3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
P4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
P5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
P6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
P7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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P8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
P9-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
P10-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
P11-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
P12-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
Q1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
Q2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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Q3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
Q4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
Q5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
Q6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
Q7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
Q8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
R1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
R2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
R3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
R4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
R5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
R6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
R7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
R8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
S1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
S2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
S3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
S4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
T1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
T2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
T3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NC.	CODE EXAM METH	REMARKS
T4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
T5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
T6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
T7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
T8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
U1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
U2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
U3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
U4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
V1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
V2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
V3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
V4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
V5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
V6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
V7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
V8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
W1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
W2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
W3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
W4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
W5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
W6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
W7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
W8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
X1-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
X2-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
X3-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
X4-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
X5-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
X6-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
X7-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
X8-b	<2	CRD HOUSING FLANGE BOLTING	80A3133	N/A	B-G-2	B7.80	VT-1	SEE NOTE 11
U1-I	N/A	CRD HOUSING INTERMEDIATE WELD	80A3132	N/A	B-0	B14.10	PT	SEE NOTE 1
U1-F	N/A	CRD HOUSING FLANGE WELD	80A3132	N/A	B-0	B14.10	PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
V1-I	N/A	CRD HOUSING INTERMEDIATE WELD	80A3132	N/A	B-0	B14.10	PT	SEE NOTE 1
U2-I	N/A	CRD HOUSING INTERMEDIATE WELD	80A3132	N/A	B-0	B14.10	PT	SEE NOTE 1
U2-F	N/A	CRD HOUSING FLANGE WELD	80A3132	N/A	B-0	B14.10	PT	SEE NOTE 1
U3-I	N/A	CRD HOUSING INTERMEDIATE WELD	80A3132	N/A	B-0	B14.10	PT	SEE NOTE 1
U3-F	N/A	CRD HOUSING FLANGE WELD	80A3132	N/A	B-0	B14.10	FT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-01	>2	CLOSURE HEAD STUD #1	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-02	>2	CLOSURE HEAD STUD #2	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-03	>2	CLOSURE HEAD STUD #3	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-04	>2	CLOSURE HEAD STUD #4	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-05	>2	CLOSURE HEAD STUD #5	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-06	>2	CLOSURE HEAD STUD #6	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-07	>2	CLOSURE HEAD STUD #7	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-08	>2	CLOSURE HEAD STUD #8	80A3139 80A3132	STUD-6	B-C-1	B6.20	UT PT	SEE NOTE 1
325-01-09	>2	CLOSURE HEAD STUD #9	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-10	>2	CLOSURE HEAD STUD #10	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-11	>2	CLOSURE HEAD STUD #11	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-12	>2	CLOSURE HEAD STUD #12	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-13	>2	CLOSURE HEAD STUD #13	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-14	>2	CLOSURE HEAD STUD #14	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-15	>2	CLOSURE HEAD STUD #15	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-16	>2	CLOSURE HEAD STUD #16	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-17	>2	CLOSURE HEAD STUD #17	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-18	>2	CLOSURE HEAD STUD #18	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-19	>2	CLOSURE HEAD STUD #19	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-20	>2	CLOSURE HEAD STUD #20	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-21	>2	CLOSURE HEAD STUD #21	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-22	>2	CLOSURE HEAD STUD #22	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-23	>2	CLOSURE HEAD STUD #23	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-24	>2	CLOSURE HEAD STUD #24	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-25	>2	CLOSURE HEAD STUD #25	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-26	>2	CLOSURE HEAD STUD #26	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-27	>2	CLOSURE HEAD STUD #27	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-28	>2	CLOSURE HEAD STUD #28	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-29	>2	CLOSURE HEAD STUD #29	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-30	>2	CLOSURE HEAD STUD #30	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-31	>2	CLOSURE HEAD STUD #31	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-32	>2	CLOSURE HEAD STUD #32	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-33	>2	CLOSURE HEAD STUD #33	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-34	>2	CLOSURE HEAD STUD #34	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-35	>2	CLOSURE HEAD STUD #35	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-36	>2	CLOSURE HEAD STUD #36	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-37	>2	CLOSURE HEAD STUD #37	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-38	>2	CLOSURE HEAD STUD #38	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-39	>2	CLOSURE HEAD STUD #39	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-40	>2	CLOSURE HEAD STUD #40	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-41	>2	CLOSURE HEAD STUD #41	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NTOE 1
325-01-42	>2	CLOSURE HEAD STUD #42	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-43	>2	CLOSURE HEAD STUD #43	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-44	>2	CLOSURE HEAD STUD #44	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-45	>2	CLOSURE HEAD STUD #45	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-46	>2	CLOSURE HEAD STUD #46	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-47	>2	CLOSURE HEAD STUD #47	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-48	>2	CLOSURE HEAD STUD #48	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-49	>2	CLOSURE HEAD STUD #49	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-50	>2	CLOSURE HEAD STUD #50	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-51	>2	CLOSURE HEAD STUD #51	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-01-52	>2	CLOSURE HEAD STUD #52	80A3139 80A3132	STUD-6	B-G-1	B6.20	UT PT	SEE NOTE 1
325-02-01	>2	CLOSURE HEAD NUT #1	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-02	>2	CLOSURE HEAD NUT #2	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-03	>2	CLOSURE HEAD NUT #3	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-04	>2	CLOSURE HEAD NUT #4	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-02-05	>2	CLOSURE HEAD NUT #5	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-06	>2	CLOSURE HEAD NUT #6	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-07	>2	CLOSURE HEAD NUT #7	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-08	>2	CLOSURE HEAD NUT #8	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-09	>2	CLOSURE HEAD NUT #9	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-10	>2	CLOSURE HEAD NUT #10	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-11	>2	CLOSURE HEAD NUT #11	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-02-12	>2	CLOSURE HEAD NUT #12	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-13	>2	CLOSURE HEAD NUT #13	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-14	>2	CLOSURE HEAD NUT #14	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-15	>2	CLOSURE HEAD NUT #15	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-16	>2	CLOSURE HEAD NUT #16	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-17	>2	CLOSURE HEAD NUT #17	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-18	>2	CLOSURE HEAD NUT #18	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-02-19	>2	CLOSURE HEAD NUT #19	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-20	>2	CLOSURE HEAD NUT #20	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-21	>2	CLOSURE HEAD NUT #21	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-22	>2	CLOSURE HEAD NUT #22	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-23	>2	CLOSURE HEAD NUT #23	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-24	>2	CLOSURE HEAD NUT #24	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-25	>2	CLOSURE HEAD NUT #25	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-02-26	>2	CLOSURE HEAD NUT #26	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-27	>2	CLOSURE HEAD NUT #27	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-28	>2	CLOSURE HEAD NUT #28	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-29	>2	CLOSURE HEAD NUT #29	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-30	>2	CLOSURE HEAD NUT #30	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-31	>2	CLOSURE HEAD NUT #31	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-32	>2	CLOSURE HEAD NUT #32	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-02-33	>2	CLOSURE HEAD NUT #33	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-34	>2	CLOSURE HEAD NUT #34	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-35	>2	CLOSURE HEAD NUT #35	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-36	>2	CLOSURE HEAD NUT #36	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-37	>2	CLOSURE HEAD NUT #37	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-38	>2	CLOSURE HEAD NUT #38	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-39	>2	CLOSURE HEAD NUT #39	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-02-40	>2	CLOSURE HEAD NUT #40	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-41	>2	CLOSURE HEAD NUT #41	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-42	>2	CLOSURE HEAD NUT #42	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-43	>2	CLOSURE HEAD NUT #43	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-44	>2	CLOSURE HEAD NUT #44	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-45	>2	CLOSURE HEAD NUT #45	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-46	>2	CLOSURE HEAD NUT #46	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-02-47	>2	CLOSURE HEAD NUT #47	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-48	>2	CLOSURE HEAD NUT #48	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-49	>2	CLOSURE HEAD NUT #49	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-50	>2	CLOSURE HEAD NUT #50	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-51	>2	CLOSURE HEAD NUT #51	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-02-52	>2	CLOSURE HEAD NUT #52	80A3132	N/A	B-G-1	B6.10	PT	SEE NOTE 1
325-03-01	>2	CLOSURE HEAD WASHER #1	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-03-02	>2	CLOSURE HEAD WASHER #2	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-03	>2	CLOSURE HEAD WASHER #3	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-04	>2	CLOSURE HEAD WASHER #4	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-05	>2	CLOSURE HEAD WASHER #5	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-06	>2	CLOSURE HEAD WASHER #6	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-07	>2	CLOSURE HEAD WASHER #7	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-08	>2	CLOSURE HEAD WASHER #8	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-03-09	>2	CLOSURE HEAD WASHER #9	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-10	>2	CLOSURE HEAD WASHER #10	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-11	>2	CLOSURE HEAD WASHER #11	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-12	>2	CLOSURE HEAD WASHER #12	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-13	>2	CLOSURE HEAD WASHER #13	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-14	>2	CLOSURE HEAD WASHER #14	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-15	>2	CLOSURE HEAD WASHER #15	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-03-16	>2	CLOSURE HEAD WASHER #16	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-17	>2	CLOSURE HEAD WASHER #17	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-18	>2	CLOSURE HEAD WASHER #18	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-19	>2	CLOSURE HEAD WASHER #19	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-20	>2	CLOSURE HEAD WASHER #20	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-21	>2	CLOSURE HEAD WASHER #21	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-22	>2	CLOSURE HEAD WASHER #22	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-03-23	>2	CLOSURE HEAD WASHER #23	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-24	>2	CLOSURE HEAD WASHER #24	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-25	>2	CLOSURE HEAD WASHER #25	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-26	>2	CLOSURE HEAD WASHER #26	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-27	>2	CLCSURE HEAD WASHER #27	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-28	>2	CLOSURE HEAD WASHER #28	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-29	>2	CLOSURE HEAD WASHER #29	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-03-30	>2	CLOSURE HEAD WASHER #30	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-31	>2	CLOSURE HEAD WASHER #31	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-32	>2	CLOSURE HEAD WASHER #32	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-33	>2	CLOSURE HEAD WASHER #33	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-34	>2	CLOSURE HEAD WASHER #34	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-35	>2	CLOSURE HEAD WASHER #35	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-36	>2	CLOSURE HEAD WASHER #36	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-03-37	>2	CLOSURE HEAD WASHER #37	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-38	>2	CLOSURE HEAD WASHER #38	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-39	>2	CLOSURE HEAD WASHER #39	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-40	>2	CLOSURE HEAD WASHER #40	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-41	>2	CLOSURE HEAD WASHER #41	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-42	>2	CLOSURE HEAD WASHER #42	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-43	>2	CLOSURE HEAD WASHER #43	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-03-44	>2	CLOSURE HEAD WASHER #44	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-45	>2	CLOSURE HEAD WASHER #45	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-46	>2	CLOSURE HEAD WASHER #46	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-47	>2	CLOSURE HEAD WASHER #47	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-48	>2	CLOSURE HEAD WASHER #48	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-49	>2	CLOSURE HEAD WASHER #49	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-50	>2	CLOSURE HEAD WASHER #50	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-03-51	>2	CLOSURE HEAD WASHER #51	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-03-52	>2	CLOSURE HEAD WASHER #52	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-01	>2	CLOSURE HEAD BUSHING #1	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-02	>2	CLOSURE HEAD BUSHING #2	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-03	>2	CLOSURE HEAD BUSHING #3	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-04	>2	CLOSURE HEAD BUSHING #4	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-05	>2	CLOSURE HEAD BUSHING #5	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-05-06	>2	CLOSURE HEAD BUSHING #6	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-07	>2	CLOSURE HEAD BUSHING #7	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-08	>2	CLOSURE HEAD BUSHING #8	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-09	>2	CLOSURE HEAD BUSHING #9	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-10	>2	CLOSURE HEAD BUSHING #10	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-11	>2	CLOSURE HEAD BUSHING #11	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-12	>2	CLOSURE HEAD BUSHING #12	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-05-13	>2	CLOSURE HEAD BUSHING #13	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-14	>2	CLOSURE HEAD BUSHING #14	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-15	>2	CLOSURE HEAD BUSHING #15	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-16	>2	CLOSURE HEAD BUSHING #16	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-17	>2	CLOSURE HEAD BUSHING #17	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-18	>2	CLOSURE HEAD BUSHING #18	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-19	>2	CLOSURE HEAD BUSHING #19	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-05-20	>2	CLOSURE HEAD BUSHING #20	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-21	>2	CLOSURE HEAD BUSHING #21	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-22	>2	CLOSURE HEAD BUSHING #22	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-23	>2	CLOSURE HEAD BUSHING #23	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-24	>2	CLOSURE HEAD BUSHING #24	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-25	>2	CLOSURE HEAD BUSHING #25	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-26	>2	CLOSURE HEAD BUSHING #26	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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325-05-27	>2	CLOSURE HEAD BUSHING #27	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-28	>2	CLOSURE HEAD BUSHING #28	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-29	>2	CLOSURE HEAD BUSHING #29	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-30	>2	CLOSURE HEAD BUSHING #30	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-31	>2	CLOSURE HEAD BUSHING #31	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-32	>2	CLOSURE HEAD BUSHING #32	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-33	>2	CLOSURE HEAD BUSHING #33	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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325-05-34	>2	CLOSURE HEAD BUSHING #34	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-35	>2	CLOSURE HEAD BUSHING #35	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-36	>2	CLOSURE HEAD BUSHING #36	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-37	>2	CLOSURE HEAD BUSHING #37	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-38	>2	CLOSURE HEAD BUSHING #38	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-39	>2	CLOSURE HEAD BUSHING #39	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-40	>2	CLOSURE HEAD BUSHING #40	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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325-05-41	>2	CLOSURE HEAD BUSHING #41	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-42	>2	CLOSURE HEAD BUSHING #42	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-43	>2	CLOSURE HEAD BUSHING #43	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-44	>2	CLOSURE HEAD BUSHING #44	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-45	>2	CLOSURE HEAD BUSHING #45	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-46	>2	CLOSURE HEAD BUSHING #46	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-47	>2	CLOSURE HEAD BUSHING #47	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-05-48	>2	CLOSURE HEAD BUSHING #48	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-49	>2	CLOSURE HEAD BUSHING #49	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-50	>2	CLOSURE HEAD BUSHING #50	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-51	>2	CLOSURE HEAD BUSHING #51	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-05-52	>2	CLOSURE HEAD BUSHING #52	80A3133	N/A	B-G-1	B6.50	VT-1	SEE NOTE 1
325-01-01-L	>2	LIGAMENT #1	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-02-L	>2	LIGAMENT #2	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-03-L	>2	LIGAMENT #3	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-04-L	>2	LIGAMENT #4	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-05-L	>2	LIGAMENT #5	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-06-L	>2	LIGAMENT #6	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-07-L	>2	LIGAMENT #7	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-08-L	>2	LIGAMENT #8	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-09-L	>2	LIGAMENT #9	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-10-L	>2	LIGAMENT #10	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-11-L	>2	LIGAMENT #11	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-12-L	>2	LIGAMENT #12	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-13-L	>2	LIGAMENT #13	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-14-L	>2	LIGAMENT #14	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-15-L	>2	LIGAMENT #15	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-16-L	>2	LIGAMENT #16	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-17-L	>2	LIGAMENT #17	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-18-L	>2	LIGAMENT #18	80A3140	FL/LIG	B-G-1	B5.40	UT	SEE NOTE 1
325-01-19-L	>2	LIGAMENT #19	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-20-L	>2	LIGAMENT #20	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-21-L	>2	LIGAMENT #21	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-22-L	>2	LIGAMENT #22	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-23-L	>2	LIGAMENT #23	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-24-L	>2	LIGAMENT #24	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-25-L	>2	LIGAMENT #25	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-26-L	>2	LIGAMENT #26	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-27-L	>2	LIGAMENT #27	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-28-L	>2	LIGAMENT #28	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-29-L	>2	LIGAMENT #29	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-30-L	>2	LIGAMENT #30	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-31-L	>2	LIGAMENT #31	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-32-L	>2	LIGAMENT #32	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-33-L	>2	LIGAMENT #33	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-34-L	>2	LIGAMENT #34	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-35-L	>2	LIGAMENT #35	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-36-L	>2	LIGAMENT #36	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-37-L	>2	LIGAMENT #37	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-38-L	>2	LIGAMENT #38	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-39-L	>2	LIGAMENT #39	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-40-L	>2	LIGAMENT #40	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-41-L	>2	LIGAMENT #41	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-42-L	>2	LIGAMENT #42	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-43-L	>2	LIGAMENT #43	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-44-L	>2	LIGAMENT #44	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-45-L	>2	LIGAMENT #45	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-46-L	>2	LIGAMENT #46	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-47-L	>2	LIGAMENT #47	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-48-L	>2	LIGAMENT #48	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-49-L	>2	LIGAMENT #49	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-50-L	>2	LIGAMENT #50	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1
325-01-51-L	>2	LIGAMENT #51	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
325-01-52-L	>2	LIGAMENT #52	80A3140	FL/LIG	B-G-1	B6.40	UT	SEE NOTE 1

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
4-324A	N/A	RPV STABILIZER BRACKET WELD AT 45 DEG.	80A3132	N/A	B-H	B8.10	PT	
4-324B	N/A	RPV STABILIZER BRACKET WELD AT 135 DEG.	80A3132	N/A	B-H	B8-10	PT	

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
4-316A-r	N/A	FW NOZZLE N4A INNER RADIUS	80A3142 80A3132	SNPS-7-IR	B-D	B3.100	UT PT	SEE NOTE 10
4-316B-r	N/A	FW NOZZLE N4B INNER RADIUS	80A3142 80A3132	SNPS-7-IR	B-D	B3.100	UT PT	SEE NOTE 10
4-316C-r	N/A	FW NOZZLE N4C INNER RADIUS	80A3142 80A3132	SNPS-7-IR	B-D	B3.100	UT PT	SEE NOTE 10
4-316D-r	N/A	FW NOZZLE N4D INNER RADIUS	80A3142 80A3132	SNPS-7-IR	B-D	B3.100	UT PT	SEE NOTE 10
2-316A	N/A	FW NOZZLE N4A TO OLD TRANSITION PIECE WELD	80A3143 80A3132	131C8523	B-J	B9.11	UT PT	SEE NOTE 10
FW-45	N/A	FW NOZZLE N4A OLD TRANSITION PIECE TO NEW TRANSITION PIECE	80A3143 80A3132	131C8523	B-J	B9.11	UT PT	SEE NOTE 10
2-316B	N/A	FW NOZZLE N4B TO OLD TRANSITION PIECE WELD	80A3143 80A3132	131C8523	B-J	B9.11	UT PT	SEE NOTE 10

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
FW-135	N/A	FW NOZZLE N4B OLD TRANSITION PIECE TO NEW TRANSITION PIECE	80A3143 80A3132	131C8523	B-J	B9.11	UT PT	SEE NOTE 10
2-316C	N/A	FW NOZZLE N4C TO OLD TRANSITION PIECE WELD	80A3143 80A3132	131C8523	B-J	B9.11	UT PT	SEE NOTE 10
FW-225	N/A	FW NOZZLE N4C OLD TRANSITION PIECE TO NEW TRANSITION PIECE	80A3143 80A3132	131C8523	B-J	B9.11	UT PT	SEE NOTE 10
2-316D	N/A	FW NOZZLE N4D TO OLD TRANSITION PIECE WELD	80A3143 80A3132	131C8523	B-J	B9.11	UT PT	SEE NOTE 10
FW-315	N/A	FW NOZZLE N4D OLD TRANSITION PIECE TO NEW TRANSITION PIECE	80A3143 80A3132	131C8523	B-J	B9.11	UT PT	SEE NOTE 10

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
RPV-09	N/A	FEEDWATER SPARGER AND BRACKETS	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 9

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(RPV INTERNALS)

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
RPV-01	N/A	STEAM DRYER	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7
RPV-02	N/A	STEAM SEPARATOR	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7
RPV-03	N/A	STEAM DRYER SUPPORT BRACKETS	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7
RPV-04	N/A	STEAM DRYER HOLD DOWN BRACKETS	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7
RPV-05	N/A	TOP GUIDE	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7
RPV-06	N/A	JET PUMP TOP ASSEMBLY AND BRACES	80A3133		B-N-1	N/A	UT VT-1	SEE NOTES 7&5
RPV-07	N/A	SURVEILLANCE SAMPLE AND BRACKETS	80A3133	N/A	B-N-1	N/A	VT-1	SEE NOTE 7

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
RPV-08	N/A	CORE SPRAY SPARGER AND BRACKETS	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTES 7&5
RPV-08A	N/A	CORE SPRAY PIPING FROM INLET NOZZLE TO VESSEL SHROUD	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTES 7&5
RPV-09	N/A	FEEDWATER SPARGER AND BRACKETS	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7
RPV-10	N/A	SHROUD TO SHROUD HEAD	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7
RPV-11	N/A	SHROUD SUPPORT	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7
RPV-12	N/A	GUIDE ROD BRACKETS	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7
RPV-13	N/A	CORE HOLD DOWN STUDS	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
RPV-14	N/A	CORE HOLD DOWN STUDS	80A3133	N/A	B-N-1	N/A	VT-3	SEE NOTE 7
RPV-14	N/A	SHROUD SUPPORT LEGS	80A3133	N/A	B-N-2	N/A	VT-3	SEE NOTE 8
RPV-15	N/A	CORE DELTA P AND LIQUID CONTROL PIPING	80A3133	N/A	B-N-2	N/A	VT-3	SEE NOTE 8
RPV-16	N/A	WELD ON SHROUD SUPPORT PLATE	80A3133	N/A	B-N-2	N/A	VT-3	SEE NOTE 8
RPV-17	N/A	UNDRESIDE OF CORE PLATE	80A3133	N/A	B-N-2	N/A	VT-3	SEE NOTE 8
RPV-18	N/A	INCORE HOUSING TO VESSEL WELD	80A3133	N/A	B-N-2	N/A	VT-3	SEE NOTE 8
RPV-19	N/A	INCORE GUIDE TUBE AND WELD TO HOUSING	80A3133	N/A	B-N-2	N/A	VT-3	SEE NOTE 8

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
RPV-20	N/A	CRD GUIDE TUBE AND FUEL SUPPORT	80A3133	N/A	B-N-2	N/A	VT-3	SEE NOTE 8
RPV-21	N/A	CRD HOUSING TO VESSEL WELD	80A3133	N/A	B-N-2	N/A	VT-3	SEE NOTE 8

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
1-318D	N/A	CLOSURE HEAD MERIDIONAL WELD AT 135 DEG.	80A3136	SNPS-4	B-A	B1.22	UT	SEE R.R.8609-R2
1-318E	N/A	CLOSURE HEAD MERIDIONAL WELD AT 180 DEG.	80A3136	SNPS-4	B-A	B1.22	UT	
1-318F	N/A	CLOSURE HEAD MERIDIONAL WELD AT 225 DEG.	80A3136	SNPS-4	B-A	B1.22	UT	SEE R.R.8609-R2

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
2-318	N/A	HEAD-TO-FLANGE WELD	80A3136 80A3132	SNPS-4	B-A	B1.40	UT PT	

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
4-317	N/A	CLOSURE HEAD TO VENT NOZZLE N7	80A3137	SNPS-4	B-D	B3.90	UT	
4-317-r	N/A	VENT NOZZLE N7 INNER RADIUS	80A3142	SNPS-1.4-IR	B-D	B3.100	UT	
E11-N7-b	<2	CLOSURE VENT NOZZLE N7 FLANGE BOLTING	80A3133	N/A	B-G-2	B7.50	VT-1	

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COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
15-316A	N/A	RPV TO MS NOZZLE N3A WELD AT 72 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	
15-316A-r	N/A	MS NOZZLE N3A INNER RADIUS	80A3142	SNPS-11-IR	B-D	B3.100	UT	
4-316B	N/A	RPV TO FW NOZZLE N4B WELD AT 135 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	
4-316B-r	N/A	FW NOZZLE N4B INNER RADIUS	80A3142	SNPS-7-IR	B-D	B3.100	UT	SEE NOTE 6
4-316C	N/A	RPV TO FW NOZZLE N4C WELD AT 225 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	SEE R.R.8609-R2
4-316C-r	N/A	FW NOZZLE N4C INNER RADIUS	80A3142	SNPS-7-IR	B-D	B3.100	UT	SEE NOTE 6 SEE R.R.8609-R2
14-316A	N/A	MS NOZZLE N3A TO TRANSITION PIECE WELD	80A3143 80A3132	STEAM	B-J	B9.11	UT PT	

SYSTEM: REACTOR PRESSURE VESSEL
 NES ISO NUMBER 8609-10

SHOREHAM NUCLEAR POWER STATION
 ISI PROGRAM PLAN AND SCHEDULE
 80A8609 REV. 4

PERIOD 2
 PAGE 5 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
15-315	N/A	RPV TO CRD RETURN N9 WELD AT 146 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	
15-315-r	N/A	CRD RETURN NOZZLE N9 INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
2-303	N/A	CRD RETURN NOZZLE N9 TO CAP	80A3143 80A3132	CRD	B-F	B5.10	UT PT	

SYSTEM: REACTOR PRESSURE VESSEL
 NES ISO NUMBER 8609-11

SHOPEHAM NUCLEAR POWER STATION
 ISI PROGRAM PLAN AND SCHEDULE
 80A8609 REV. 4

PERIOD 2
 PAGE 6 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
13-314E	N/A	RPV TO INLET NOZZLE N2E AT 150 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
13-314E-r	N/A	INLET NOZZLE N2E INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
5-314B	N/A	RPV TO OUTLET NOZZLE N1B WELD AT 180 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
5-314B-r	N/A	OUTLET NOZZLE N1B INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
13-314F	N/A	RPV TO INLET NOZZLE N2F WELD AT 210 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
13-314F-r	N/A	INLET NOZZLE N2F INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
13-314G	N/A	RPV TO INLET NOZZLE N2G WELD AT 240 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	

SYSTEM: REACTOR PRESSURE VESSEL
 NES ISO NUMBER 8609-11

SHOREHAM NUCLEAR POWER STATION
 ISI PROGRAM PLAN AND SCHEDULE
 80A8609 REV. 4

PERIOD 2
 PAGE 7 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
13-314G-r	N/A	INLET NOZZLE N2G INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
8-303E	N/A	INLET NOZZLE N2E TO SAFE-END	80A3143 80A3132	RC-IN	B-F	B5.10	UT PT	
6-303B	N/A	OUTLET NOZZLE N1B TO SAFE-END WELD	80A3143 80A3132	RC-OUT-1 RC-OUT-2	B-F	B5.10	UT PT	
8-303F	N/A	INLET NOZZLE N2F TO SAFE-END WELD	80A3143 80A3132	RC-IN	B-F	B5.10	UT PT	
8-303G	N/A	INLET NOZZLE N2G TO SAFE-END WELD	80A3143 80A3132	RC-IN	B-F	B5.10	UT PT	

SYSTEM: REACTOR PRESSURE VESSEL
NES ISO NUMBER 8609-16

SHOREHAM NUCLEAR POWER STATION
ISI PROGRAM PLAN AND SCHEDULE
80A8609 REV. 4

PERIOD 2
PAGE 8 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
4-309	N/A	RPV TO SKIRT WELD	80A3132	N/A	B-H	B8.10	PT	

PERIOD 3

SYSTEM: REACTOR PRESSURE VESSEL
NES ISO NUMBER 8609-03

SHOREHAM NUCLEAR POWER STATION
ISI PROGRAM PLAN AND SCHEDULE
80A8609 REV. 4

PERIOD 3
PAGE 1 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
1-318G	N/A	CLOSURE HEAD MERIDIONAL WELD AT 270 DEG.	80A3136	SNPS-4	B-A	B1.22	UT	
1-318H	N/A	CLOSURE HEAD MERIDIONAL WELD AT 315 DEG.	80A3136	SNPS-4	B-A	B, 22	UT	SEE R.R.8609-R2

SYSTEM: REACTOR PRESSURE VESSEL
NES ISO NUMBER 8609-04

SHOREHAM NUCLEAR POWER STATION
IS. PROGRAM PLAN AND SCHEDULE
80A8609 REV. 4

PERIOD 3
PAGE 2 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
14-308	N/A	SHELL-TO-FLANGE WELD	80A3144	FL/LIG	B-A	B1.30	UT	
3-318	N/A	CLOSURE HEAD CIRCUMFERENTIAL WELD	80A3136	SNPS-4	B-A	B1.21	UT	SEE R.R.8609-R2

SYSTEM: REACTOR PRESSURE VESSEL
 NES ISO NUMBER 8609-08

SHOREHAM NUCLEAR POWER STATION
 ISI PROGRAM PLAN AND SCHEDULE
 80A8609 REV. 4

PERIOD 3
 PAGE 3 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
2-317A	N/A	CLOSURE HEAD TO INSTRUMENT NOZZLE N6A AT 0 DEG.	80A3137	SNPS-4	B-D	B3.90	UT	
2-317A-r	N/A	INSTRUMENT NOZZLE N6A INNER RADIUS	80A3142	SNPS-1.4-IR	B-D	B3.100	UT	
E11-N6A-b	<2	HEAD SPRAY NOZZLE N6A FLANGE BOLTING	80A3133	N/A	B-G-2	B7.50	VT-1	
1-317A	6	CLOSURE HEAD INSTRUMENT NOZZLE N6A TO FLANGE WELD	80A3138 80A3132	VENT	B-J	B9.11	UT PT	

SYSTEM: REACTOR PRESSURE VESSEL
NES ISO NUMBER 8609-09

SHOREHAM NUCLEAR POWER STATION
ISI PROGRAM PLAN AND SCHEDULE
80A8609 REV. 4

PERIOD 3
PAGE 4 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
15-316C	N/A	RPV TO MS NOZZLE N3C WELD AT 252 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	
15-316C-r	N/A	MS NOZZLE N3C INNER RADIUS	80A3142	SNPS-11-IR	B-D	B3.100	UT	
15-316D	N/A	RPV TO MS NOZZLE N3D WELD AT 288 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	
15-316D-r	N/A	MS NOZZLE N3D INNER RADIUS	80A3142	SNPS-11-IR	B-D	B3.100	UT	
4-316D	N/A	RPV TO FW NOZZLE N4D WELD AT 315 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	
4-316D-r	N/A	FW NOZZLE N4D INNER RADIUS	80A3142	SNPS-7-IR	B-D	B3.100	UT	SEE NOTE 6

SYSTEM: REACTOR PRESSURE VESSEL
 NES ISO NUMBER 8609-10

SHOREHAM NUCLEAR POWER STATION
 ISI PROGRAM PLAN AND SCHEDULE
 80A8609 REV. 4

PERIOD 3
 PAGE 5 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
11-316B	N/A	RPV TO CS NOZZLE N5B WELD AT 270 DEG.	80A3141	SNPS-6	B-D	B3.90	UT	
11-316B-r	N/A	CS NOZZLE N5B INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
19-314B	N/A	RPV TO JPI NOZZLE N8B WELD AT 285 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
19-314B-r	N/A	JPS NOZZLE N8B INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
CS-1B	N/A	CORE SPRAY NOZZLE N5B TO SAFE-END PIECE WELD	80A3143 80A3132	CS-1-1A CS-1-1B	B-F	B5.10	UT PT	SEE R.R.8609-R1
CS-2B	N/A	CORE SPRAY NOZZLE N5B SAFE-END TO TRANSITION PIECE WELD	80A3143 80A3132	CS-2-A CS-2-B	B-F	B5.10	UT PT	SEE R.R.8609-R1
10-303B	N/A	JPI NOZZLE N8B TO SAFE-END WELD	80A3143 80A3132	JPI	B-F	B5.10	UT PT	

SYSTEM: REACTOR PRESSURE VESSEL
 NES ISO NUMBER 8609-11

SHOREHAM NUCLEAR POWER STATION
 ISI PROGRAM PLAN AND SCHEDULE
 80A8609 REV. 4

PERIOD 3
 PAGE 6 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
13-314H	N/A	RPV TO INLET NOZZLE N2H WELD AT 270 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
13-314H-r	N/A	INLET NOZZLE N2H INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
13-314J	N/A	RPV TO INLET NOZZLE N2J WELD AT 300 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
13-314J-r	N/A	INLET NOZZLE N2J INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
13-314K	N/A	RPV TO INLET NOZZLE N2K WELD AT 330 DEG.	80A3141	SNPS-7.25	B-D	B3.90	UT	
13-314K-r	N/A	INLET NOZZLE N2K INNER RADIUS	80A3142	SNPS-4.5-IR	B-D	B3.100	UT	
8-303H	N/A	INLET NOZZLE N2H TO SAFE-END WELD	80A3143 80A3132	RC-IN	B-F	B5.10	UT PT	

SYSTEM: REACTOR PRESSURE VESSEL
NES ISO NUMBER 8609-11

SHOREHAM NUCLEAR POWER STATION
ISI PROGRAM PLAN AND SCHEDULE
80A8609 REV. 4

PERIOD 3
PAGE 7 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
8-303J	N/A	INLET NOZZLE N2J TO SAFE-END WELD	80A3143 80A3132	RC-IN	B-F	B5.10	UT PT	
8-303K	N/A	INLET NOZZLE N2K TO SAFE-END WELD	80A3143 80A3132	RC-IN	B-F	B5.10	UT PT	

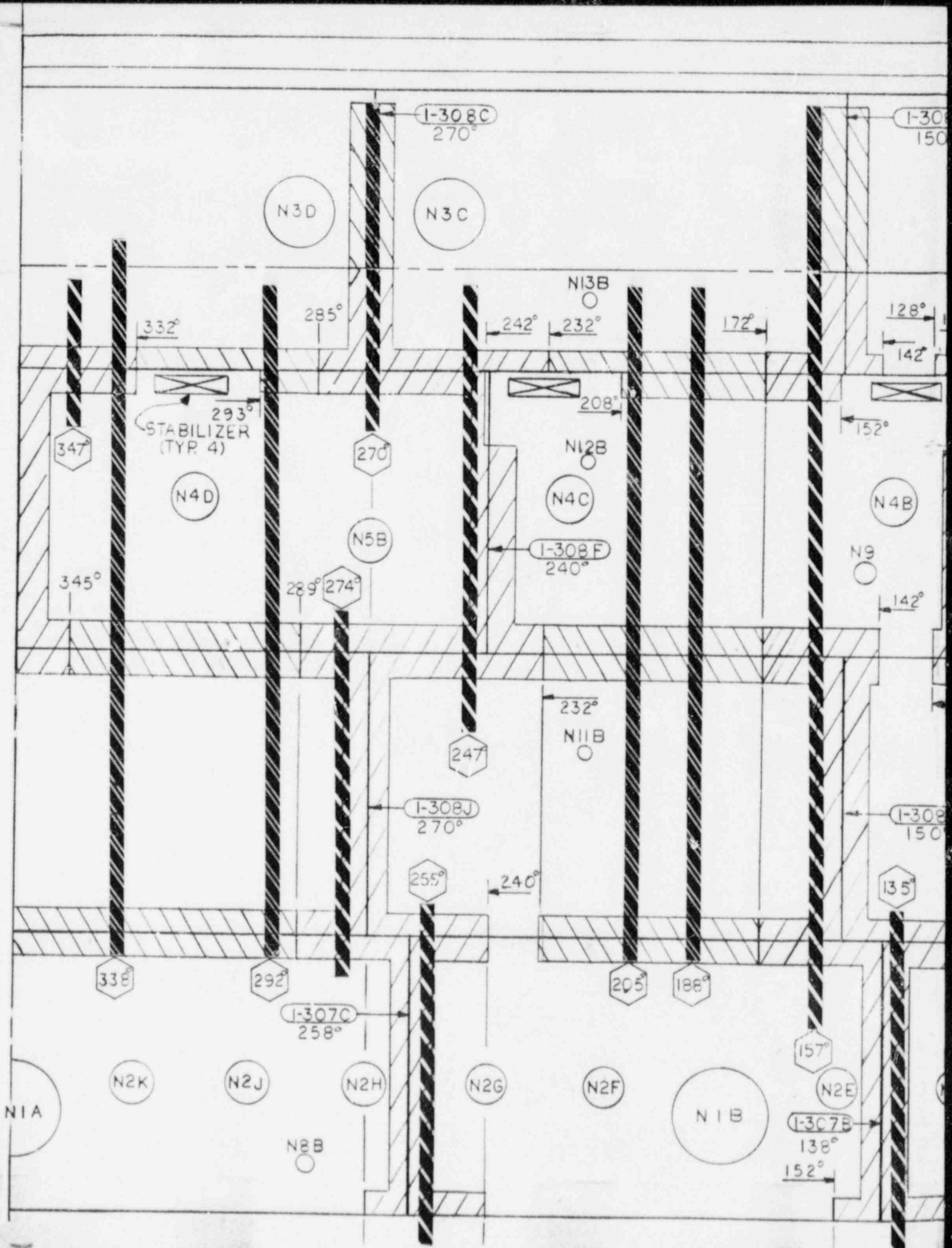
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NES ISO NUMBER 8609-16

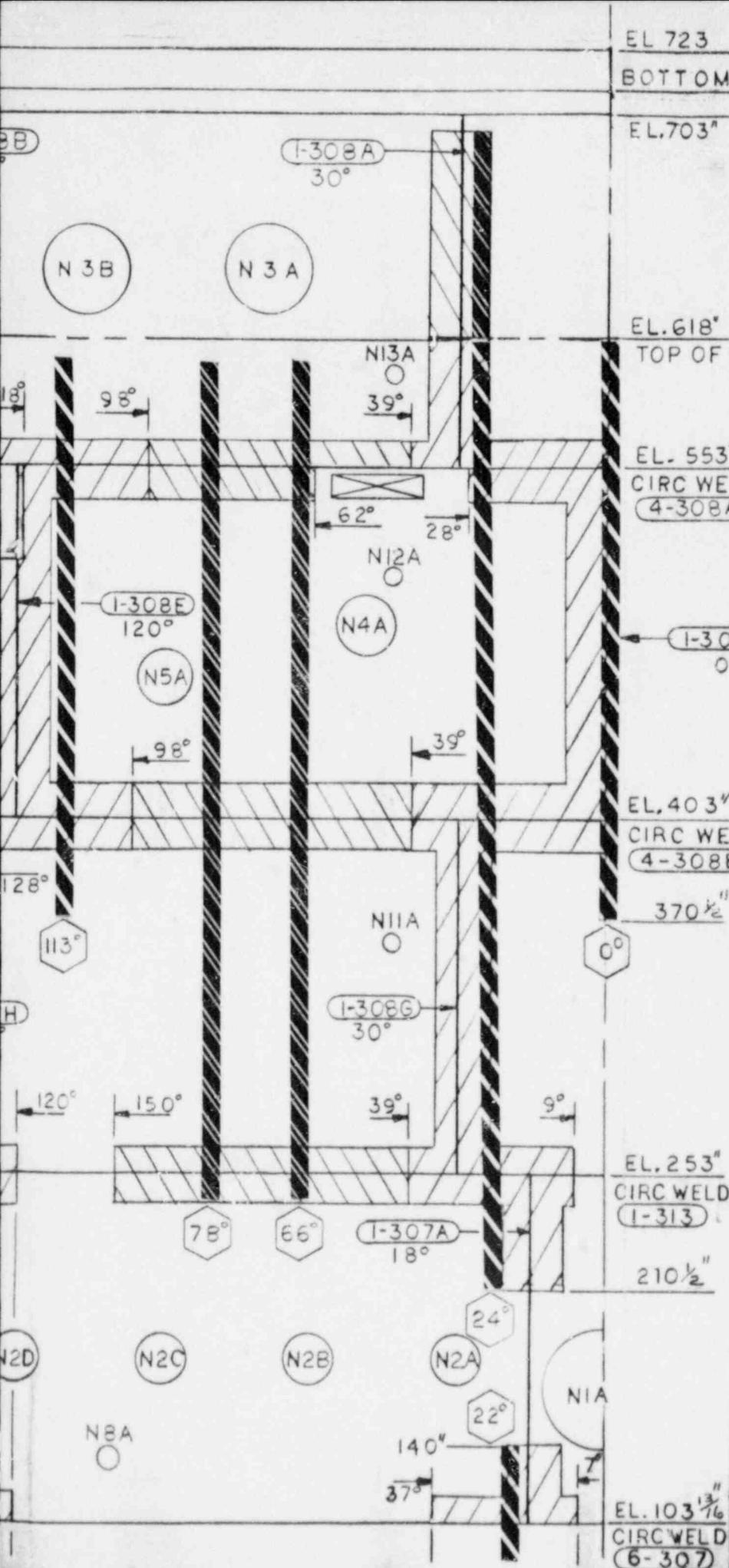
SHOREHAM NUCLEAR POWER STATION
ISI PROGRAM PLAN AND SCHEDULE
80A8609 REV. 4

PERIOD 3
PAGE 8 OF 8

COMPONENT IDENTIFICATION	SIZE (IN)	COMPONENT DESCRIPTION	PROC. NO.	CAL. BLOCK	CODE CAT.	CODE NO.	CODE EXAM METH	REMARKS
4-324C	N/A	RPV STABILIZER BRACKET WELD AT 225 DEG.	80A3132	N/A	B-H	B8.10	PT	
4-324D	N/A	RPV STABILIZER BRACKET WELD AT 315 DEG.	80A3132	N/A	B-H	B8.10	PT	

SYSTEM
ISOMETRIC FIGURES





EL 723 TOP FACE OF FLANGE
 BOTTOM FACE OF FLANGE

EL.703" FLANGE WELD
 (14-308)

TI
 APERTURE
 CARD

Also Available On
 Aperture Card

EL.618"
 TOP OF SHEILD WALL

EL. 553"
 CIRC WELD
 (4-308A)

EL.403"
 CIRC WELD
 (4-308B)

EL.253"
 CIRC WELD
 (1-313)

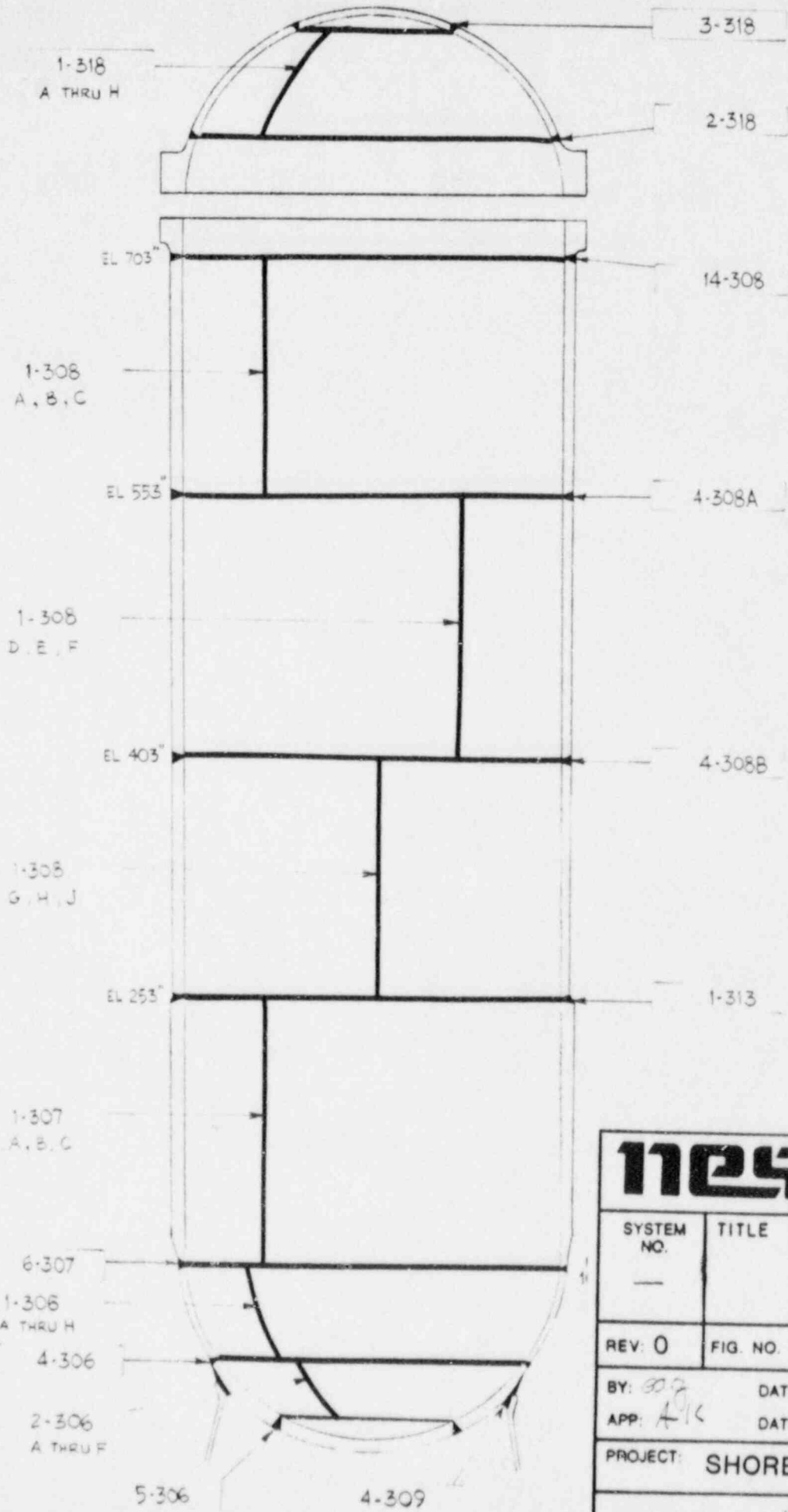
EL.103 13/16"
 CIRC WELD
 (6-307)

NOTES

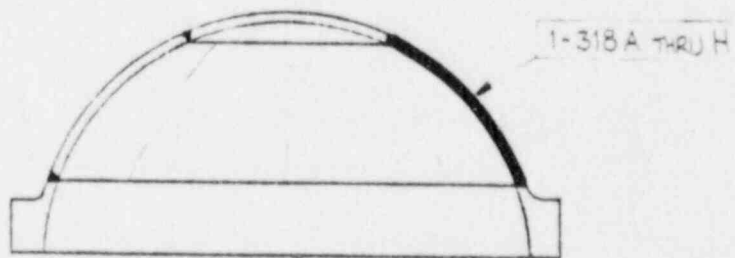
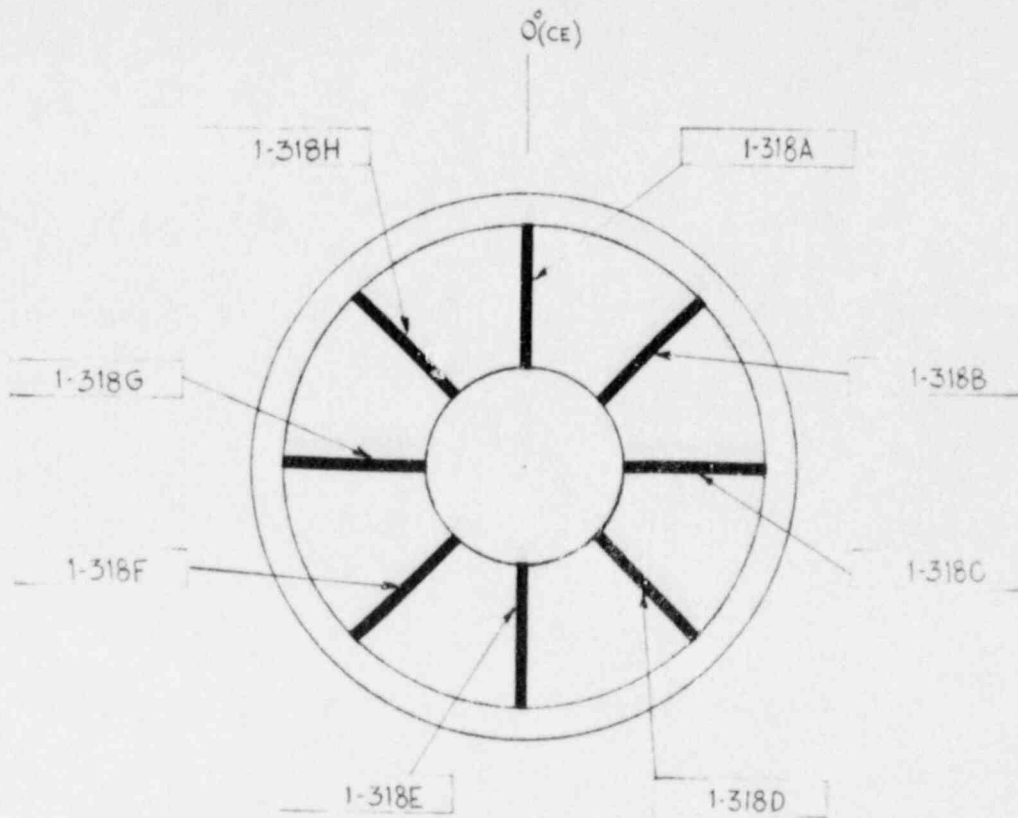
1. DENOTES Q OF TRACK.
2. DENOTES PERMANENT TRACK.
3. DENOTES PORTABLE TRACK.
4. DENOTES AREA ACCESSIBLE WITH 30" (15°) ARM.
5. DENOTES AREA ACCESSIBLE WITH 55" (27°) ARM USING PORTABLE TRACK.

NUCLEAR ENERGY SERVICES, INC. NES DIVISION	
SYSTEM NO.	TITLE VESSEL WELD LAYOUT AND TRACK LOCATIONS
REV: 0	FIG. NO. 8609-1
BY: IS	DATE: 2-4-80
APP: AK	DATE: 2/19/80
PROJECT: SHOREHAM	
NES 112	NOT TO SCALE

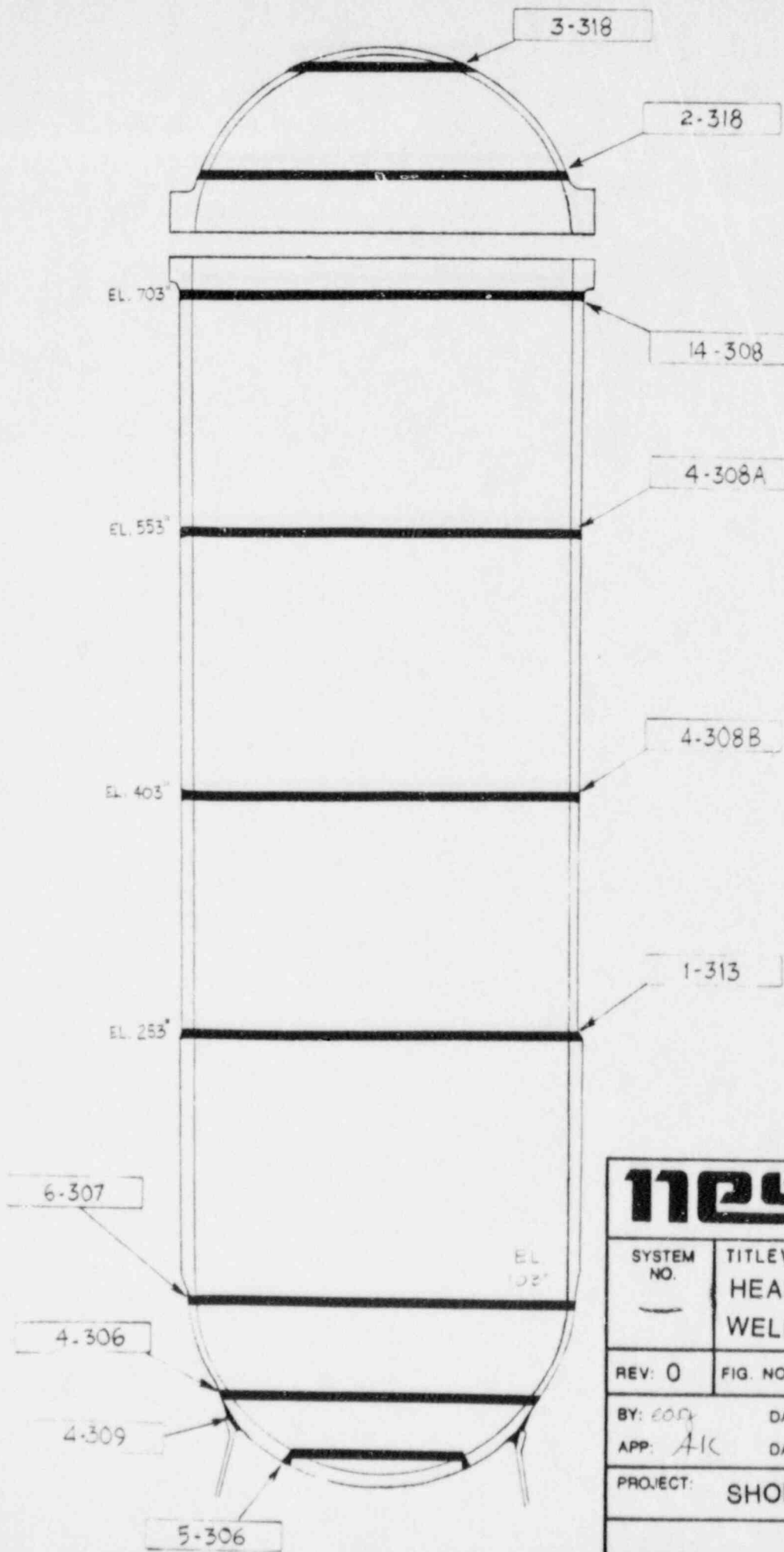
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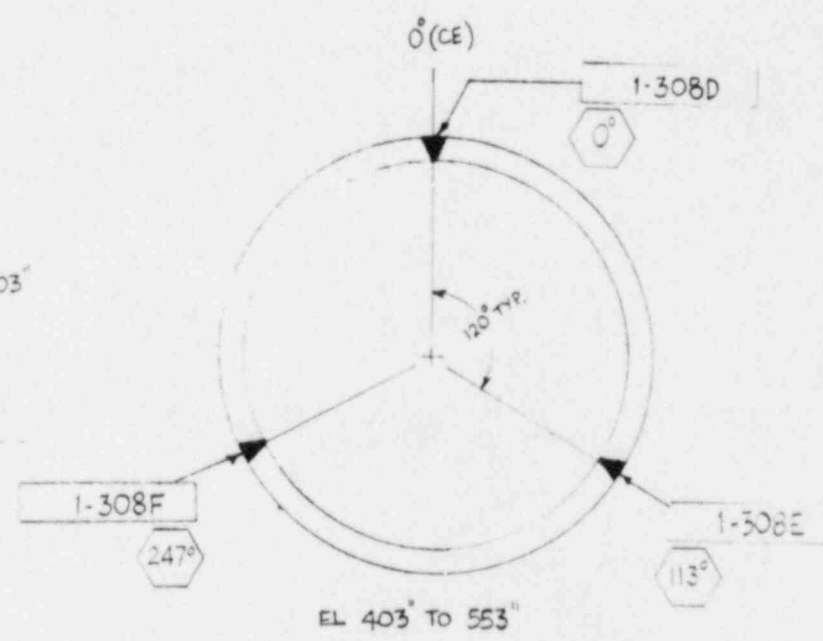
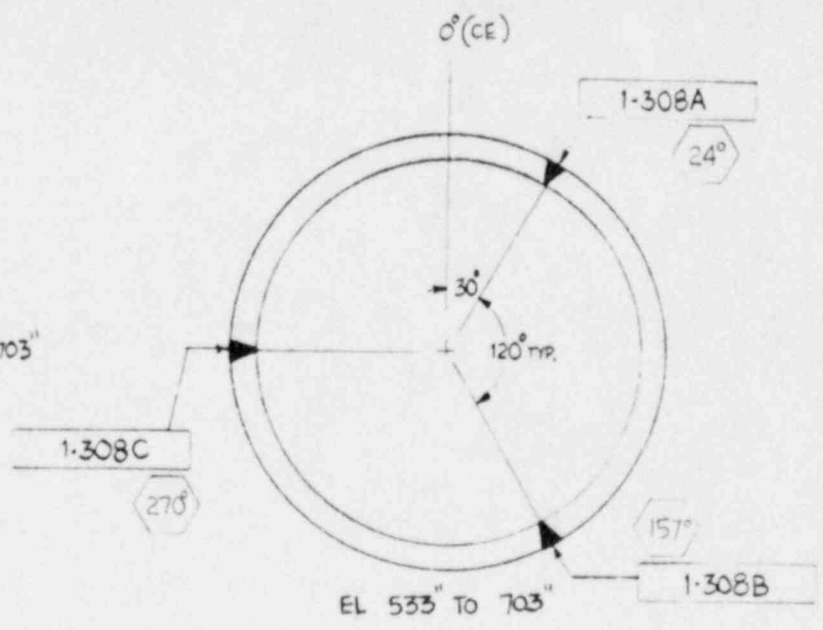
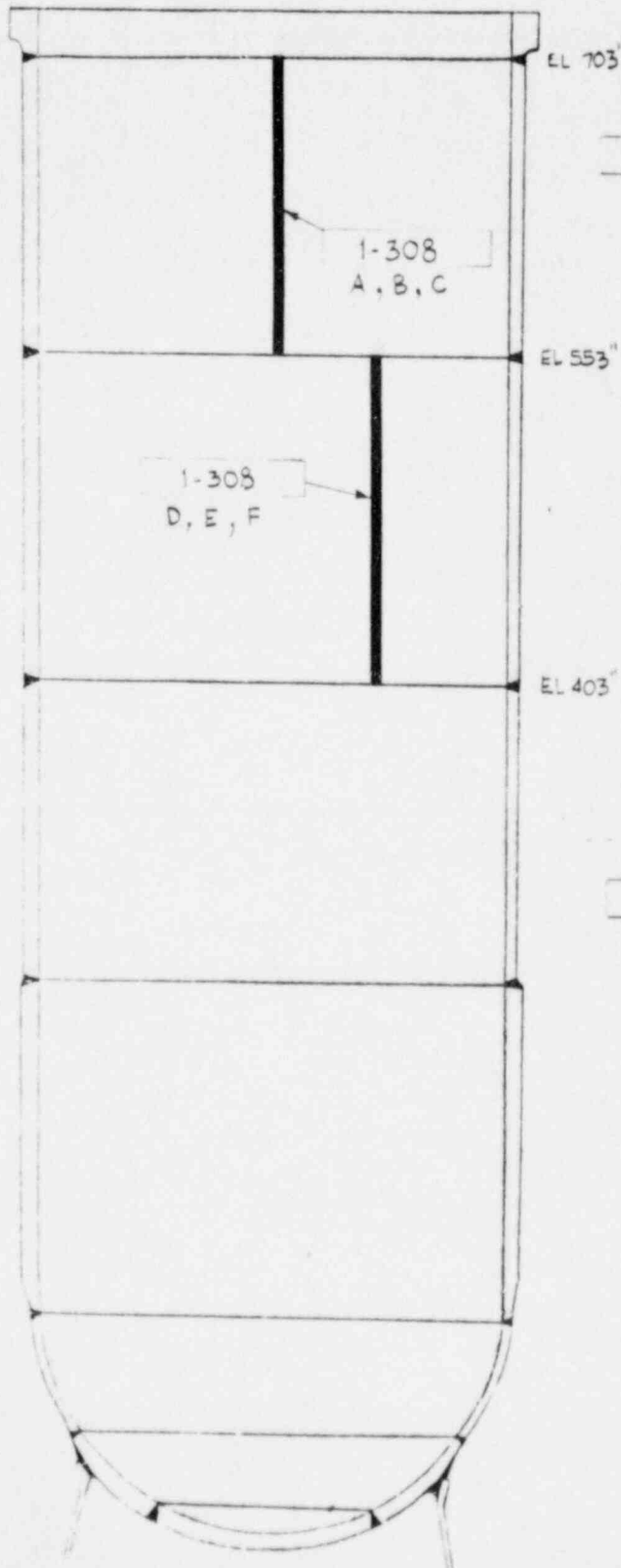
nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. —	TITLE REACTOR VESSEL WELD LAYOUT
REV: 0	FIG. NO. 8609-2
BY: <i>ggg</i>	DATE: <i>1/6/84</i>
APP: <i>AJK</i>	DATE: <i>3/84</i>
PROJECT: SHOREHAM	
NOT TO SCALE	



nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. —	TITLE CLOSURE HEAD MERIDIONAL WELDS
REV: 0	FIG. NO. 8609-3
BY: <i>ead</i>	DATE: 1/16/84
APP: <i>AK</i>	DATE: 3/84
PROJECT:	SHOREHAM
NOT TO SCALE	

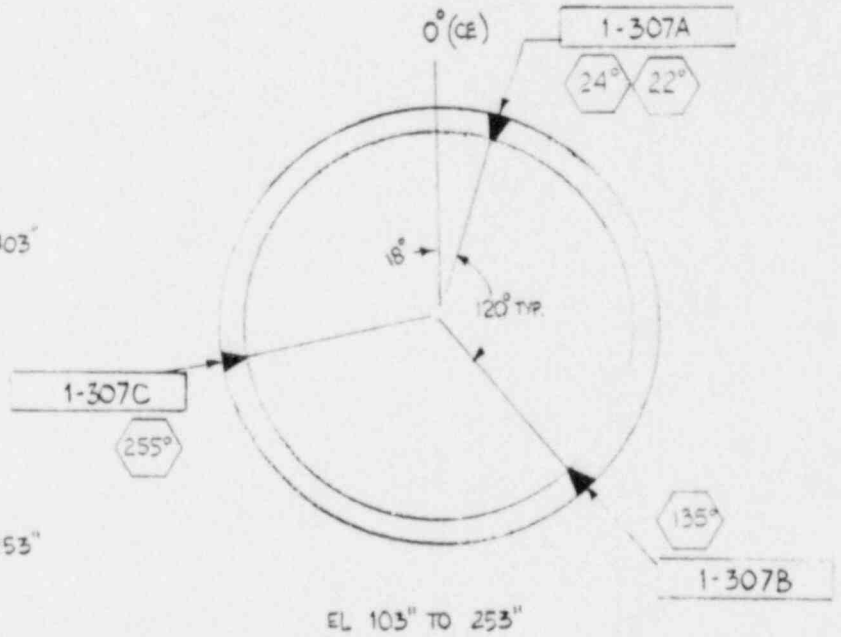
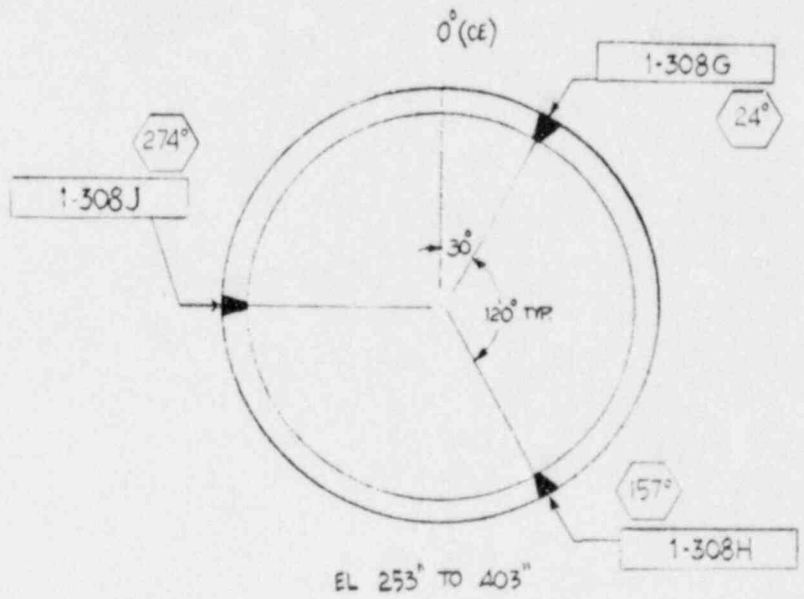
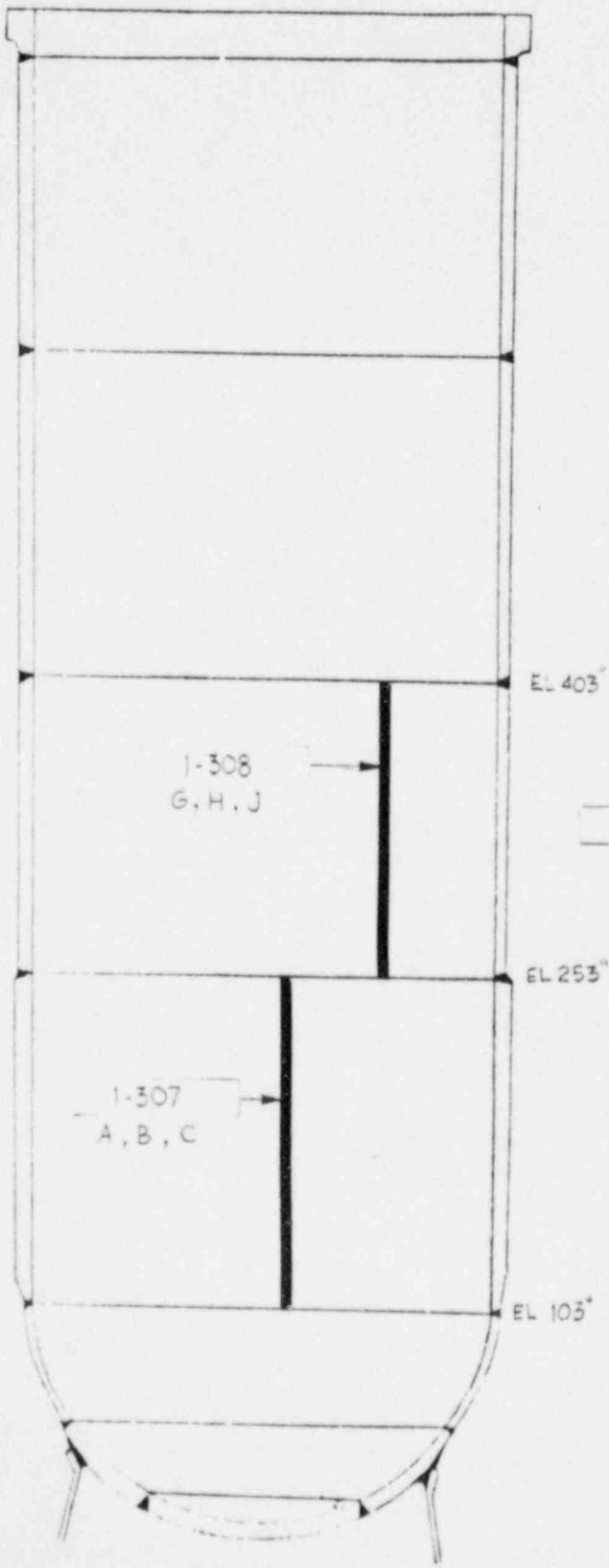


1125 NUCLEAR ENERGY SERVICES	
SYSTEM NO. —	TITLE VESSEL AND CLOSURE HEAD CIRC. AND FLANGE WELDS
REV: 0	FIG. NO. 8609-4
BY: <i>COG</i>	DATE: <i>1/16/84</i>
APP: <i>AK</i>	DATE: <i>3/84</i>
PROJECT: SHOREHAM	
NOT TO SCALE	



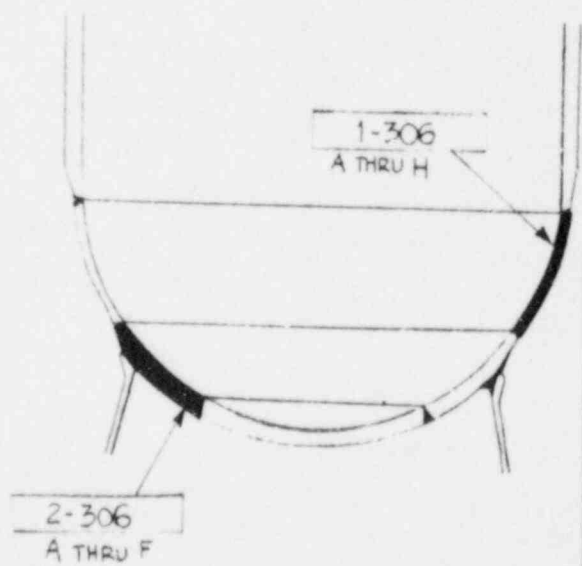
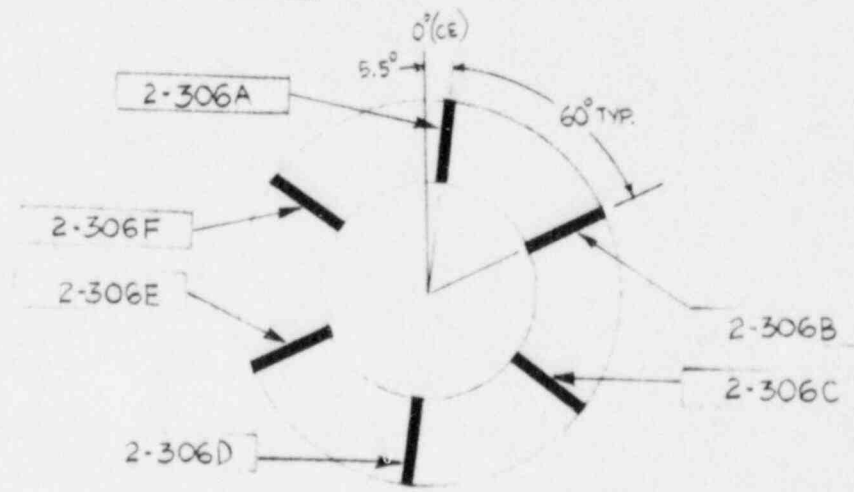
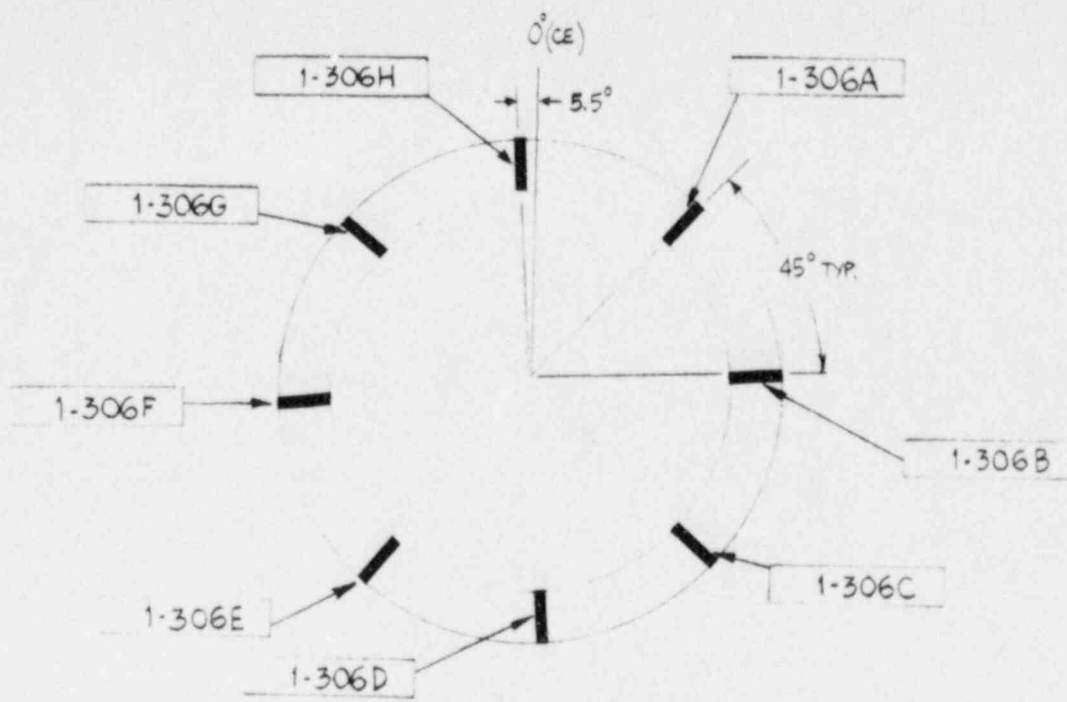
TRACK
ALL

nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. —	TITLE REACTOR VESSEL LONG WELDS, EL. 403" TO 703"
REV: 0	FIG. NO. 8609-5
BY: <i>302</i>	DATE: <i>1/2/84</i>
APP: <i>AK</i>	DATE: <i>3/84</i>
PROJECT: SHOREHAM	
NOT TO SCALE	

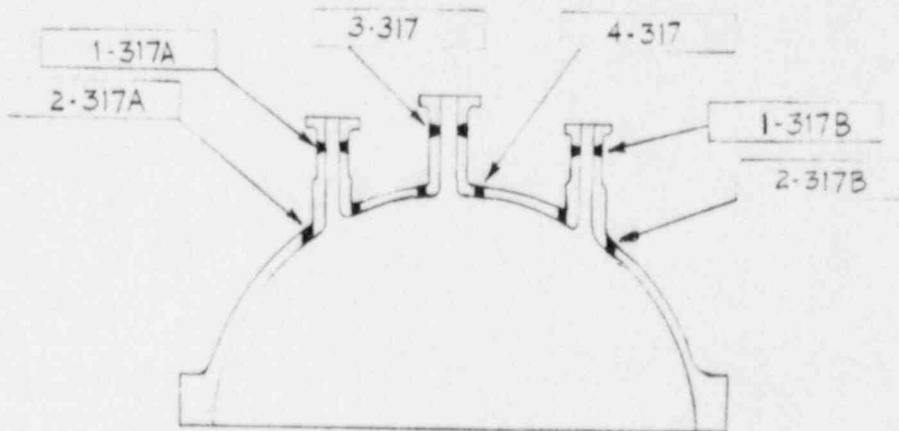
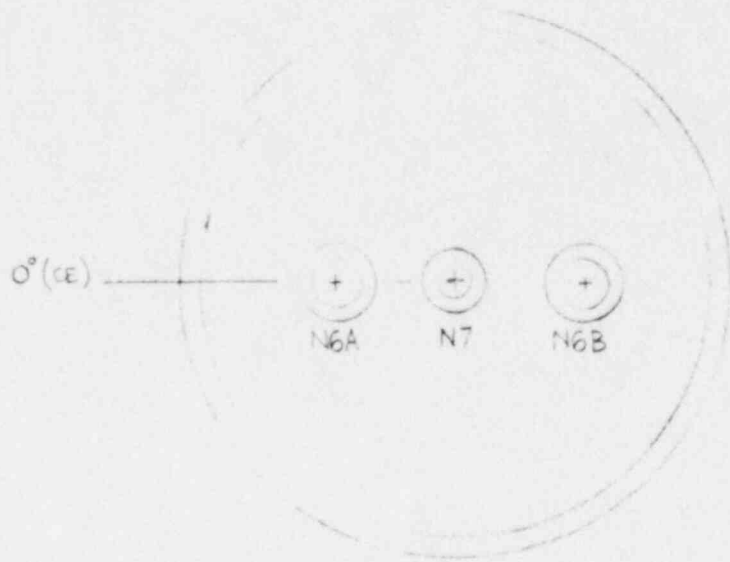


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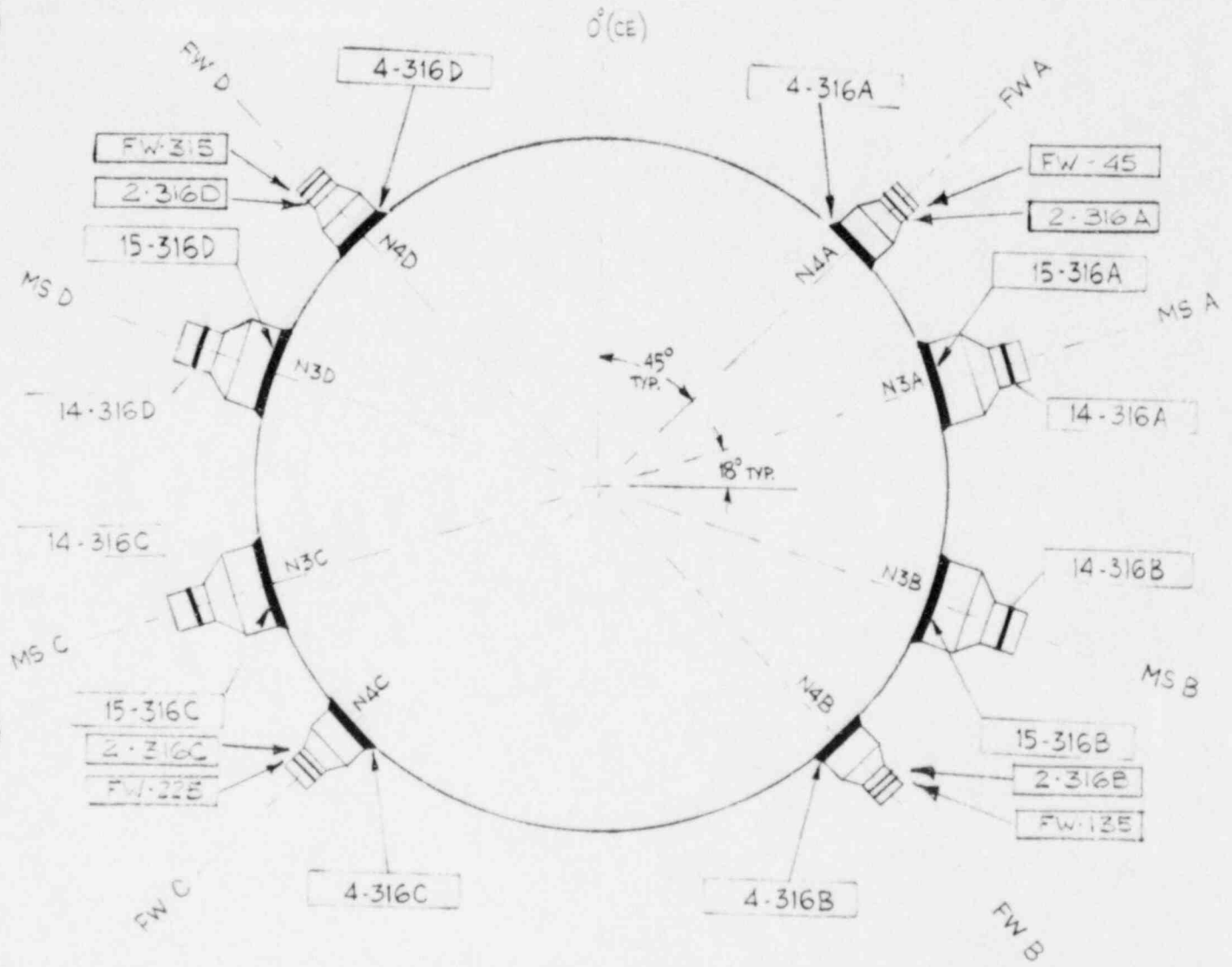
nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. —	TITLE REACTOR VESSEL LONG. WELDS EL. 103'' TO 403''
REV: 0	FIG NO: 8609-6
BY: GDC	DATE: 1/1/84
APP: AK	DATE: 3/84
PROJECT: SHOREHAM	
NOT TO SCALE	



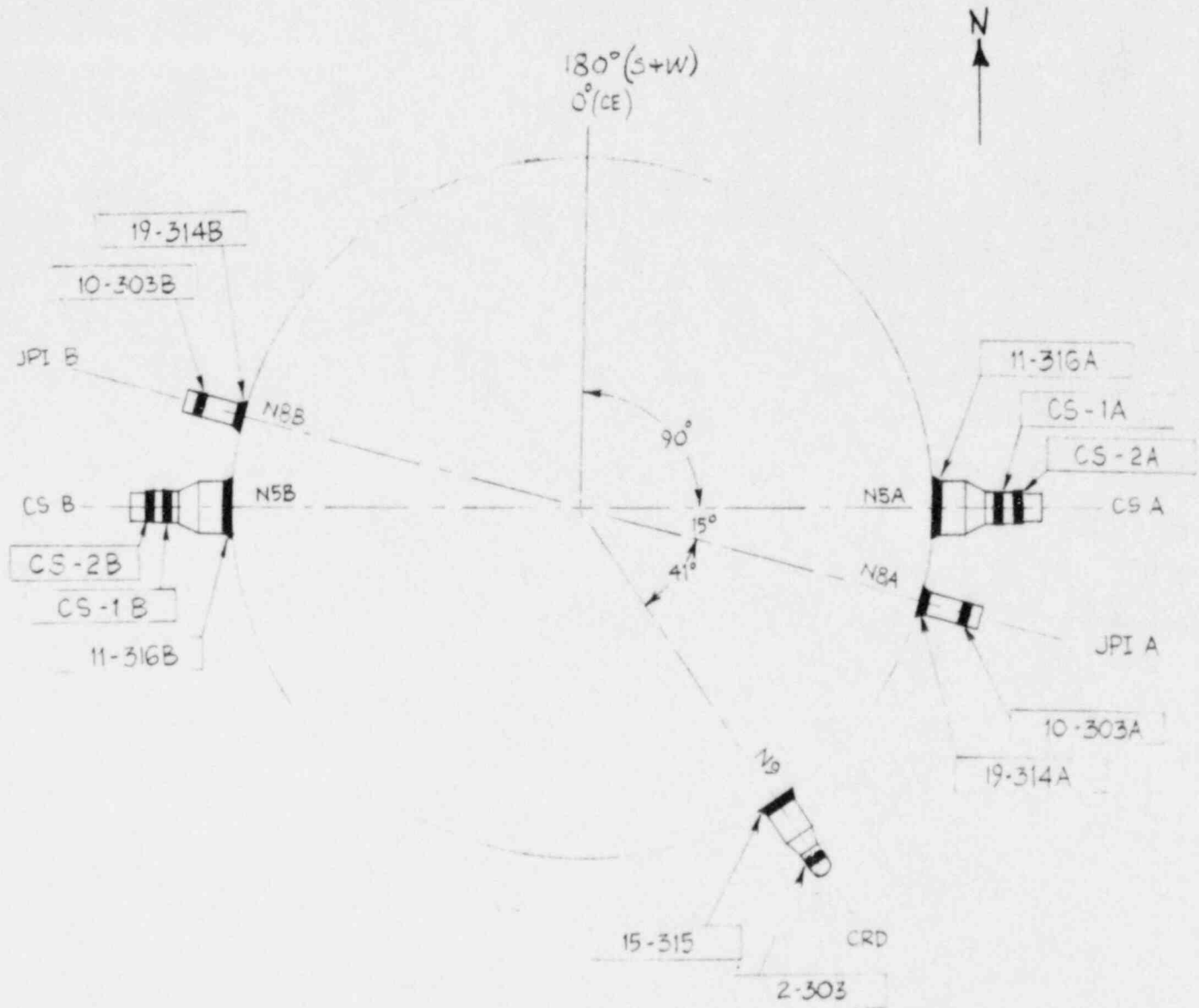
nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. —	TITLE VESSEL BOTTOM HEAD MERIDIONAL WELDS
REV: 0	FIG. NO. 8609-7
BY: <i>gjs</i>	DATE: <i>11/84</i>
APP: <i>AIC</i>	DATE: <i>3/84</i>
PROJECT:	SHOREHAM
NOT TO SCALE	



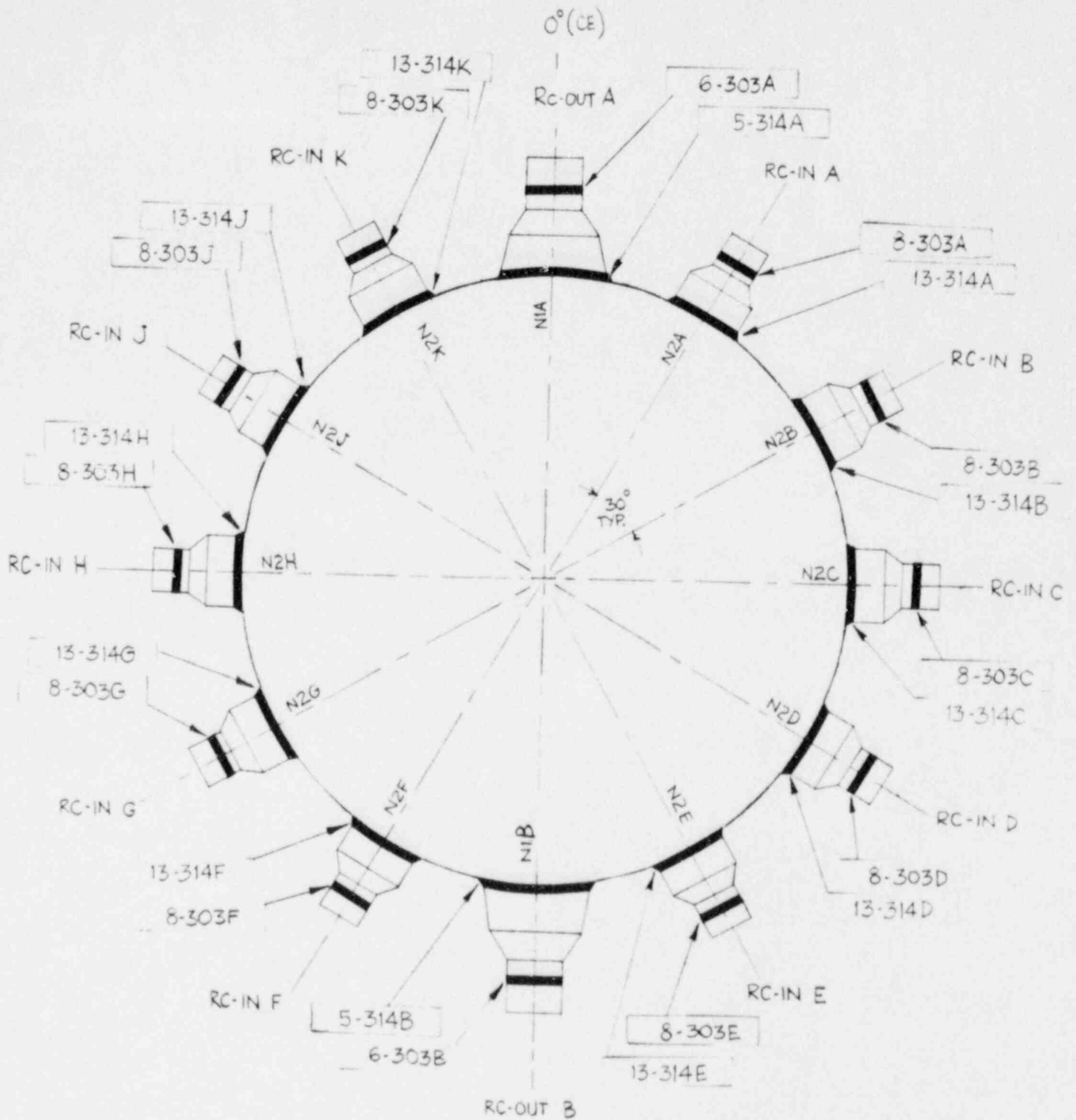
nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. —	TITLE CLOSURE HEAD NOZZLE AND SAFE-END WELD MAP
REV: 0	FIG. NO. 8609-8
BY: <i>02</i>	DATE: <i>2/84</i>
APP: <i>A-12</i>	DATE: <i>3/84</i>
PROJECT:	SHOREHAM
NOT TO SCALE	



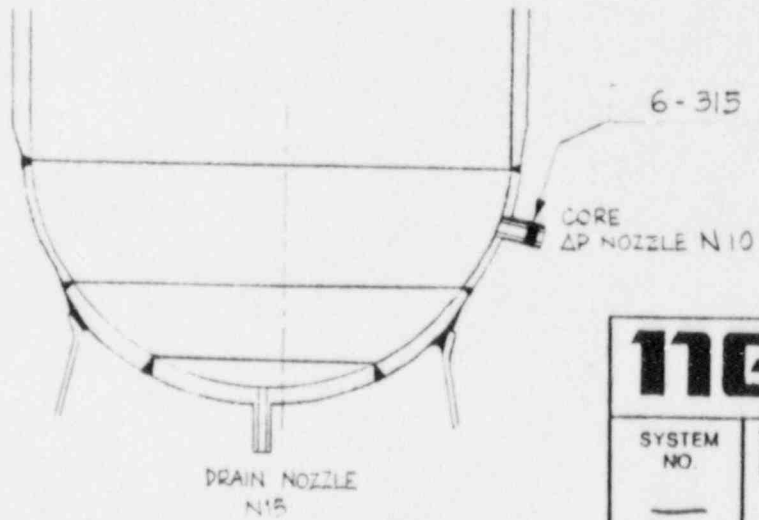
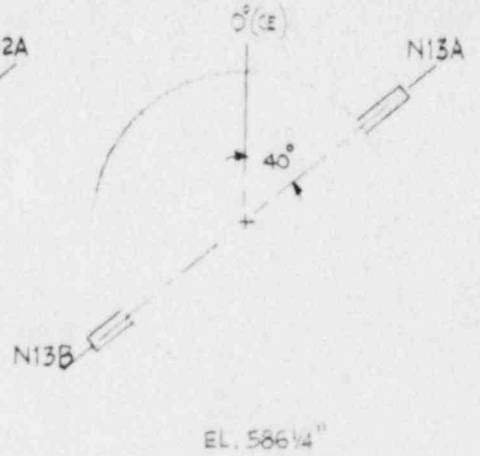
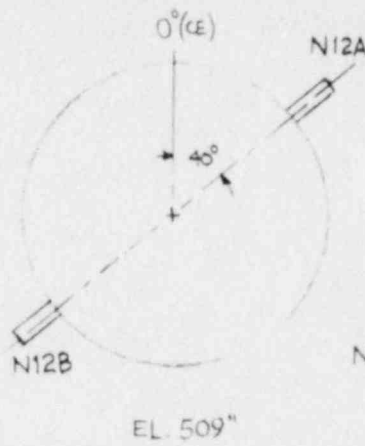
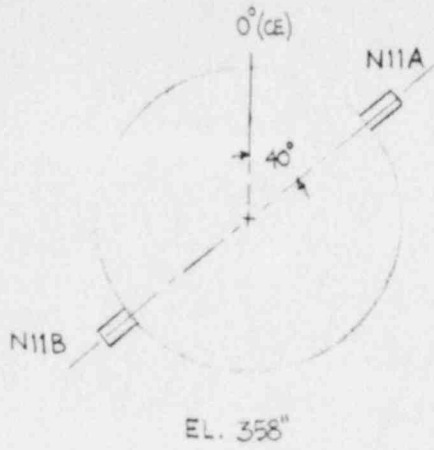
nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. B21	TITLE MAINSTEAM FEEDWATER NOZZLE AND SAFE-END WELD MAP
REV: 0	FIG. NO. 8609-9
BY: <i>gq</i>	DATE: <i>1/84</i>
APP: <i>AK</i>	DATE: <i>3/84</i>
PROJECT SHOREHAM	
NOT TO SCALE	



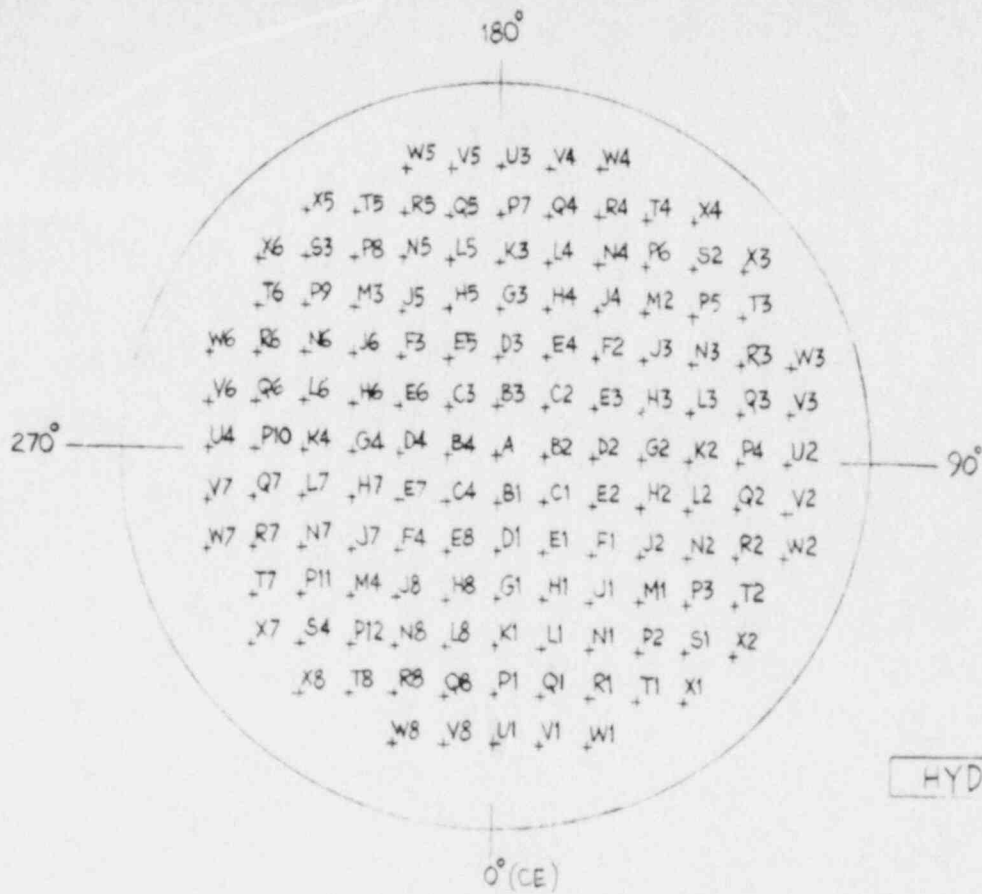
NES NUCLEAR ENERGY SERVICES	
SYSTEM NO. E21, C11	TITLE JET PUMP INSTR,CORE SPRAY AND CRD RETURN NOZZLE AND SAFE-END WELD MAP
REV: 0	FIG. NO. 8609-10
BY: <i>WJ</i>	DATE: <i>1/6/84</i>
APP: <i>AIC</i>	DATE: <i>3/84</i>
PROJECT	SHOREHAM
NOT TO SCALE	



NES NUCLEAR ENERGY SERVICES	
SYSTEM NO. B31	TITLE REACTOR RECIRC. INLET AND OUTLET NOZZLE AND SAFE-END WELD MAP
REV: 0	FIG. NO 8609-11
BY: <i>2001</i>	DATE: <i>1/6/84</i>
APP: <i>A'K</i>	DATE: <i>3/84</i>
PROJECT SHOREHAM	
NOT TO SCALE	

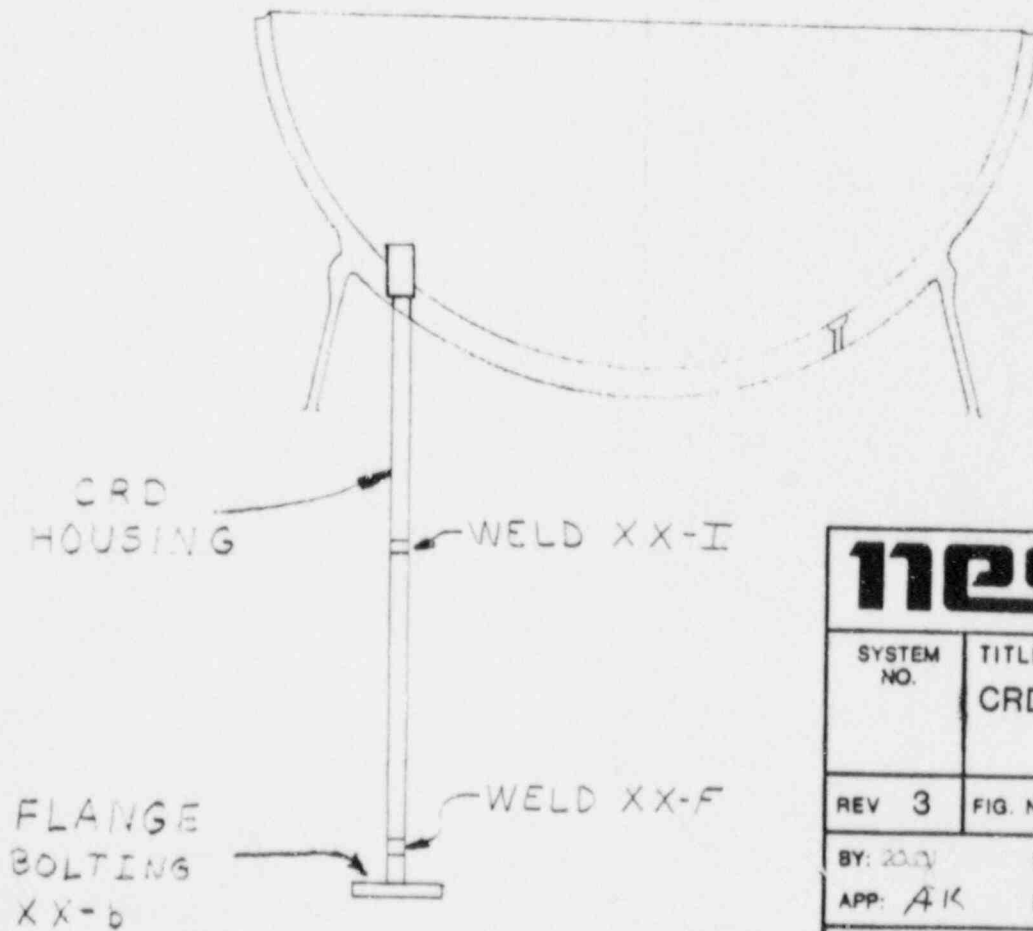


nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. —	TITLE REACTOR VESSEL INSTR. AND DRAIN NOZZLES
REV. 0	FIG. NO. 8609-12
BY: <i>oag</i>	DATE: <i>1/0/84</i>
APP: <i>41c</i>	DATE: <i>3/84</i>
PROJECT: SHOREHAM	
NOT TO SCALE	

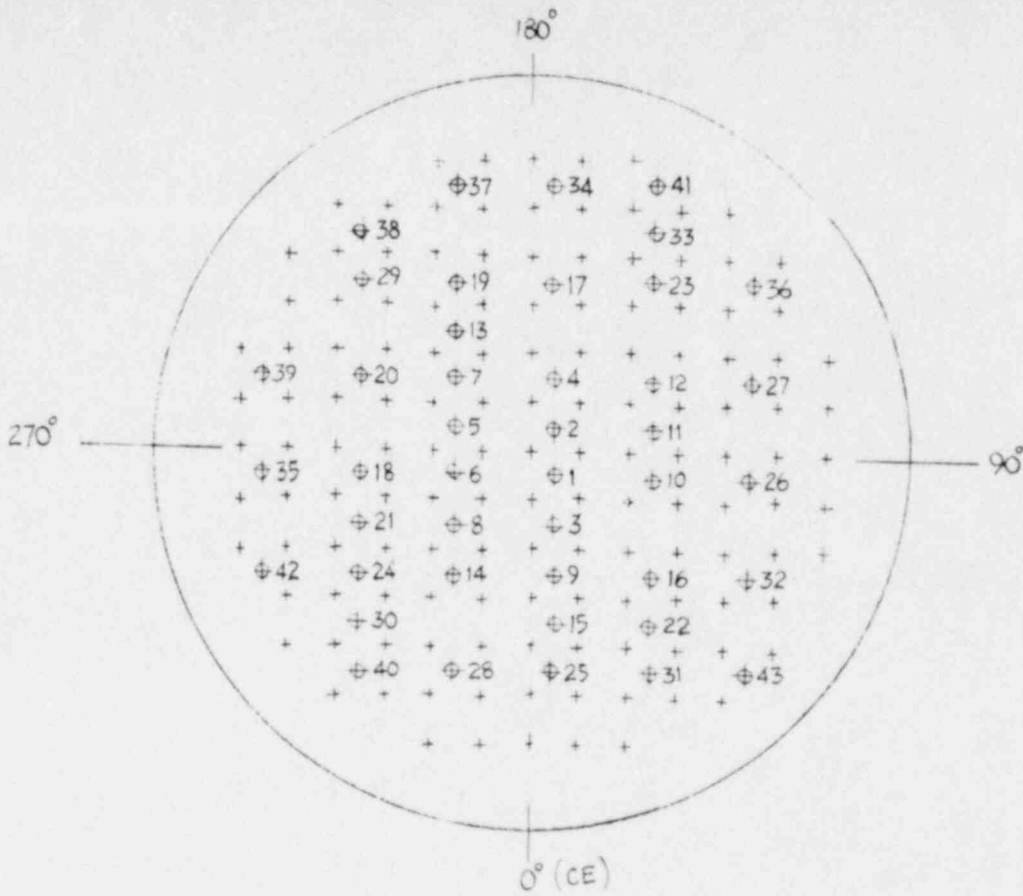


HYD-15

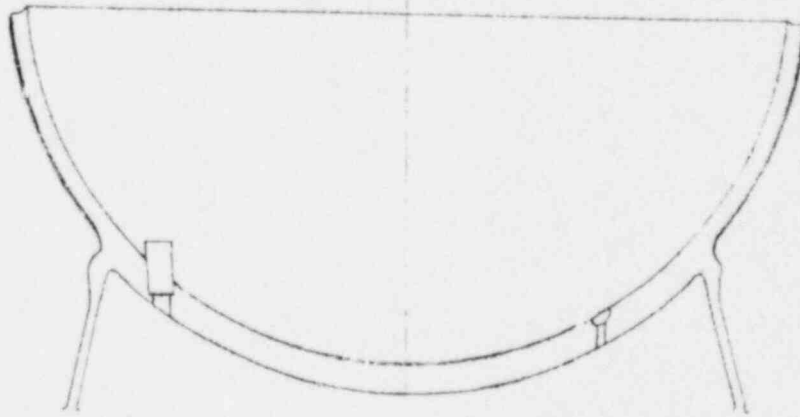
BOTTOM VIEW



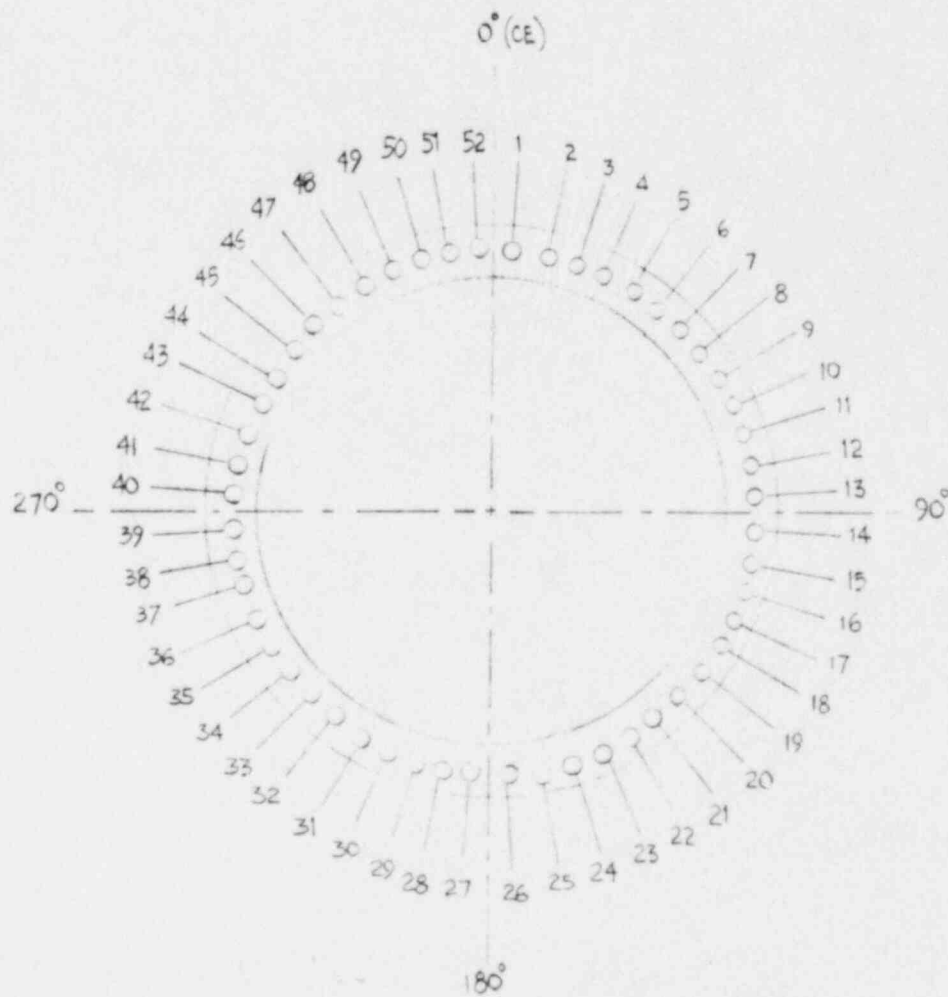
nes NUCLEAR ENERGY SERVICES	
SYSTEM NO.	TITLE CRD PENETRATIONS (137)
REV 3	FIG. NO. 8609-13
BY: 2007	DATE: 1/2/24
APP: AK	DATE: 3/24
PROJECT: SHOREHAM	
NOT TO SCALE	



BOTTOM VIEW

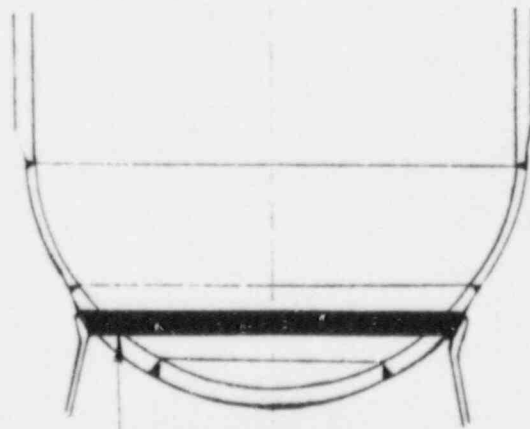
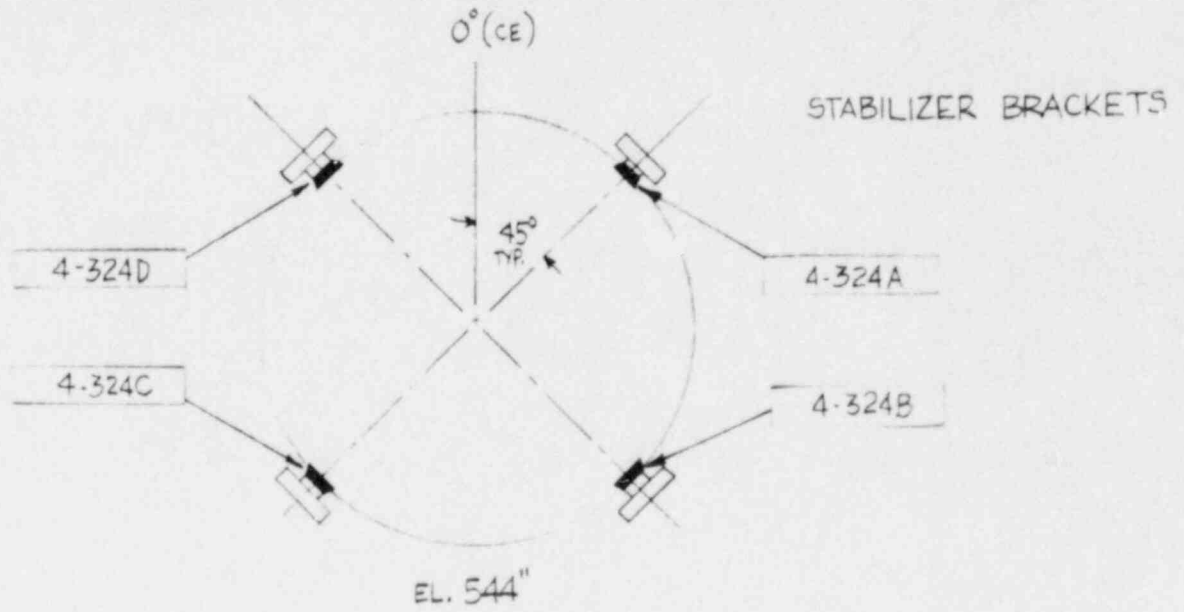


1125		NUCLEAR ENERGY SERVICES	
SYSTEM NO.	TITLE FLUX MONITOR PENETRATIONS (43)		
REV: 0	FIG. NO. 8609-14		
BY: <i>gag</i>	DATE: <i>1/2/84</i>		
APP: <i>AIC</i>	DATE: <i>3/84</i>		
PROJECT: SHOREHAM			
NOT TO SCALE			



STUDS : 325-01-XX , 1 THRU 52
 NUTS : 325-02-XX
 LIGAMENTS : 325-01-XX-L
 WASHERS : 325-03-XX
 BUSHINGS : 325-05-XX

nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. —	TITLE CLOSURE HEAD BOLTING MAP
REV: 0	FIG. NO. 8609-15
BY: COG APP: AIC	DATE: 1/6/84 DATE: 3/84
PROJECT: SHOREHAM	
NOT TO SCALE	



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nes NUCLEAR ENERGY SERVICES	
SYSTEM NO. —	TITLE REACTOR VESSEL SKIRT AND STABILIZER BRACKET WELD MAP
REV: 0	FIG. NO. 8609-16
BY: <i>SOB</i>	DATE: <i>1/2/84</i>
APP: <i>AK</i>	DATE: <i>3/84</i>
PROJECT:	SHOREHAM
NOT TO SCALE	