

# INSERVICE INSPECTION PROGRAM SUMMARY



For the Interval  
July 1, 1994 through June 30, 2004

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THIRD TEN-YEAR INSPECTION INTERVAL  
(JULY 1, 1994 - JUNE 30, 2004)  
INSERVICE INSPECTION PLAN  
FOR  
INDIAN POINT UNIT 2  
BROADWAY AND BLEAKLEY AVENUE  
BUCHANAN, NEW YORK 10511

DOCKET #50-247

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CONSOLIDATED EDISON COMPANY  
OF NEW YORK, INC.

REVISION SUMMARY SHEET

Section	Effective Page(s)	Revision	Date
1	1-1	0	01/21/94
2	2-1	0	01/21/94
3	3-1 to 3-8	0	01/21/94
4	4-1 to 4-3	0	01/21/94
5	5-1 to 5-18	0	01/21/94
6.0	6.0-1	0	01/21/94
6.1	6.1-1 to 6.1-6	0	01/21/94
6.2	6.2-1 to 6.2-4	0	01/21/94
6.3	6.3-1 to 6.3-41	0	01/21/94
6.4	6.4-1 to 6.4-2	0	01/21/94
6.5	6.5-1 to 6.5-322	0	01/21/94
6.6	6.6-1	0	01/21/94
6.7	6.7-1	0	01/21/94
6.8	6.8-1 to 6.8-2	0	01/21/94
7	7-1 to 7-2	0	01/21/94
APPENDICES			
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**SECTION 3.0**  
**INTRODUCTION AND PLAN DESCRIPTION**

**3.1 Introduction**

3.1.1 This Inservice Inspection Plan outlines the requirements for the examination of ISI Class 1, 2, and 3 pressure retaining components and their supports at Indian Point Unit 2.

3.1.2 This Inservice Inspection Plan will be effective from July 1, 1994 through and including June 30, 2004.

3.1.3 The key features of the IP-2 ISI Plan are:

- Introduction
- Inservice Inspection Plan Basis
- Component and System Classification
- Augmented Inservice Inspection Requirements
- Inservice Inspection Summary Table
- Inservice Inspection Details

The documentation details those components that are subject to examination per Subsections IWB, IWC, IWD and IWF of ASME Section XI. It includes component drawings, piping isometric drawings, a listing of those components subject to examination, and a component examination schedule. Relief requests, including supporting documentation, are also provided for those components where meeting the code requirement is impractical or unnecessarily burdensome.

Procedures and personnel qualification records are available at the plant site.

**3.2. Inservice Inspection Plan Basis**

3.2.1 This Plan was developed in accordance with the requirements delineated in the 1989 Edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, IWA, IWB, IWC, IWD, and IWF, per Inspection Program B of IWA-2432, except as follows:

- A. As allowed by 10 CFR 50.55a(b)(2)(ii), the extent of examination of Code Class 1 pipe welds will be determined by the requirements of ASME Section XI, 1974 Edition with Addenda through Summer 1975, Tables IWB-2500 and IWB-2600.

- B. The ISI Plan for Subsection IWF was developed in accordance with Code Case N-491, which is approved for use in ISI Programs per Regulatory Guide 1.147, Revision 10. Inspection Program B of Table 2410-2 in Code Case N-491 will be employed.
  - C. Inservice pressure testing for Class 1 and 2 components will be performed in accordance with Code Case N-498, which is approved for use in ISI Programs per Regulatory Guide 1.147, Revision 10.
- 3.2.2 An ISI Plan per Subsections IWE and IWL is not included in this submittal. These subsections are currently not required to be part of Inservice Inspection programs per 10CFR50.55a.
  - 3.2.3 The Plan for inservice testing of pumps and valves per Subsections IWP and IWV is not part of this ISI Plan.
  - 3.2.4 As allowed by 10 CFR 50.55a(c)(3) and USNRC Regulatory Guide 1.147, Revision 10, certain ASME Section XI Code Cases have been determined acceptable for application to ISI Programs. Section 6.2 contains a list of the systems within the scope of the Indian Point 2 ASME XI Program and identifies the specific Code Cases applied to those systems. The following Code Cases are being incorporated into the Indian Point ISI Program:

Case N-416 - Alternative Rules for Hydrostatic Testing of Repair or Replacement of Class 2 Piping.

Case N-460 - Alternative Examination Coverage for Class 1 and Class 2 Welds, Section XI, Division 1.

Case N-463-1 - Evaluation Procedures and Acceptance Criteria for Flaws in Class 1 Ferritic Piping that Exceed the Acceptance Standards of IWB-3514.2.

Case N-481 - Alternative Examination Requirements for Cast Austenitic Pump Casings, Section XI, Division 1. NOTE: This Code Case is applicable to the Reactor Coolant Pumps. The evaluation required by the Code Case has been performed and is available at Indian Point.

Case N-491 - Alternative Rules for Examination of Class 1, 2, 3 and MC Component Supports of Light-Water Cooled Power Plants Section XI, Division 1.

Case N-498 - Alternate Rules for 10 Year Hydrostatic Pressure Testing for Class 1 and 2 Systems, Section XI, Division 1.

### 3.3. Component and System Classification

- 3.3.1 The construction permit for Indian Point Unit 2 was issued on October 14, 1966. At that time, the ASME Boiler and Pressure Vessel Code covered fabrication of only nuclear vessels. Piping, pumps, and valves were built primarily to the rules of USAS B31.1.0-1955, Power Piping.
- 3.3.2 The system classifications used for the Inservice Inspection Program are based on the requirements of 10 CFR 50 and Regulatory Guide 1.26, Revision 3. These classifications were developed for the sole purpose of assigning appropriate inservice inspection requirements for water, steam, and radioactive waste containing components.
- 3.3.3 Code Class 1, 2, and 3 designations, as referred to in 10 CFR 50.55a, are assigned to various components at IP-2 in accordance with ASME Section XI, subarticle IWA-1320. In particular, components within the reactor coolant pressure boundary, as defined by 10 CFR 50.2, are Quality Group A and are assigned Class 1 in accordance with Regulatory Guide 1.26, Revision 3. The rules of IWB apply to Quality Group A Components. Components which are Quality Group B and C in accordance with the requirements of Regulatory Guide 1.26, Revision 3, are assigned Class 2 and 3 and the rules of IWC and IWD apply, respectively. The rules of IWF for component supports apply to all three Quality Groups (A, B and C). The non-exempt components that are subject to the rules of IWB, IWC, IWD and IWF are identified on the color coded ISI Program P&IDs contained in Appendix A.

### 3.4. Augmented Inservice Inspection Requirements

The reactor coolant pump flywheels are examined in accordance with plant Technical Specification 4.2.3.

### 3.5. ASME Section XI Exemptions Employed

ASME Section XI provides certain exemptions from the NDE examination requirements of Articles IWB-2000, IWC-2000, IWD-2000, and IWF-2000. Subsection 6.2 contains a list of the systems within the scope of ASME XI and identifies the specific exemptions applied.

3.5.1 The following exemptions were employed in the preparation of this ISI Program:

- A. IWB-1220, Components Exempt from Examination - The following components (or parts of components) are exempted from the volumetric and surface examination requirements of IWB-2500:

- (a) (IWB-1220(a) is not employed at IP-2)
- (b)(1) piping of NPS 1 and smaller, except for steam generator tubing;  
(2) components and their connections in piping<sup>1</sup> of NPS 1 and smaller;
- (c) not employed at IP-2.

B. IWC-1221, Components Within RHR, ECC, and CHR Systems (or Portions of Systems)<sup>2</sup>

- (a) Vessels, piping, pumps, valves, and other components NPS 4 and smaller in all systems except high pressure safety injection systems of pressurized water reactor plants.
- (b) Vessels, piping, pumps, valves, and other components NPS 1½ and smaller in high pressure safety injection systems of pressurized water reactor plants.
- (c) Component connections NPS 4 and smaller (including nozzles, socket fittings, and other connections) in vessels, piping, pumps, valves, and other components of any size in all systems except high pressure safety injection systems of pressurized water reactor plants.
- (d) Component connections NPS 1½ and smaller (including nozzles, socket fittings, and other connections) in vessels, piping, pumps, valves, and other components of any size in high pressure safety injection systems of pressurized water reactor plants.
- (e) Vessels, piping, pumps, valves, other components, and component connections of any size in statically pressurized, passive (i.e., no pumps) safety injection systems<sup>3</sup> of pressurized water reactor plants.
- (f) Piping and other components of any size beyond the last shutoff valve in open ended portions of systems that do not contain water

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<sup>1</sup>In piping is defined as having one inlet and one outlet pipe, each of which shall be NPS 1 or smaller.

<sup>2</sup>RHR, ECC, and CHR systems are the Residual Heat Removal, Emergency Core Cooling, and Containment Heat Removal Systems, respectively.

<sup>3</sup>Statically pressurized, passive safety injection systems of pressurized water reactor plants are typically called: (a) accumulator tank and associated system (b) safety injection tank and associated system (c) core flooding tank and associated system



during normal plant operating conditions.

C. IWC-1222, Components Within Systems (or Portions of Systems) Other Than RHR, ECC, and CHR Systems<sup>2</sup>

- (a) Vessels, piping, pumps, valves, and other components NPS 4 and smaller.
- (b) Component connections NPS 4 and smaller (including nozzles, socket fittings, and other connections) in vessels, piping, pumps, valves, and other components of any size.
- (c) Not employed at IP-2.
- (d) Not employed at IP-2.

D. IWD-1220, Items Exempt from Examination

IWD-1220.1 - Integral attachments of supports and restraints to components that are NPS 4 and smaller within the system boundaries of Examination Categories D-A, D-B, and D-C of Table IWD-2500-1 shall be exempt from the visual examination VT-3, except for PWR Auxiliary Feedwater Systems.

IWD-1220.2 - Integral attachments of supports and restraints to components exceeding NPS 4 may be exempted from the visual examination VT-3 of Table IWD-2500-1 provided:

- (a) the components are located in systems (or portions of systems) whose function is not required in support of reactor residual heat removal, containment heat removal, or emergency core cooling; and
- (b) the components operate at a pressure of 275 psig or less and at a temperature of 200°F or less.

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<sup>2</sup>RHR, ECC, and CHR systems are the Residual Heat Removal, Emergency Core Cooling, and Containment Heat Removal Systems, respectively.

E. IWF, Supports Exempt from Examination

Article IWF of ASME Section XI, 1989 Edition, does not contain any specific exemption criteria for component supports. Components exempt from examination will be in accordance with the criteria contained in Code Case N-491, Alternate Rules for Examination of Class 1, 2, 3 and MC Component Supports of Light-Water Cooled Power Plants, Section XI, Division 1, IWF-1230:

IWF-1230, Supports Exempt From Examination

Component supports exempt from the examination requirements of IWF-2000 are those connected to components and items exempted from examination under IWB-1220, IWC-1220, IWD-1220, and IWE-1220. In addition, portions of supports that are inaccessible by being encased in concrete, buried underground, or encapsulated by guard pipe are also exempt from the examination requirements of IWF-2000.

### 3.6. Ultrasonic Examination

#### 3.6.1 General

Ultrasonic examination of components at Indian Point Unit 2 will be performed in accordance with the requirements of ASME Section XI, Appendix I. The detailed requirements for UT examination of piping and vessels with thicknesses less than or equal to two inches are contained in Appendix III; the detailed requirements for UT examinations of vessels with thicknesses greater than two inches are contained in ASME Section V, Article IV; and the detailed requirements for the ultrasonic examination of bolts and studs are contained in ASME Section XI, Appendix VI.

#### 3.6.2 UT Examination Procedures

Ultrasonic examinations shall be performed in accordance with written, approved and qualified procedures that meet the requirements of ASME Section XI, Appendix I.

#### 3.6.3 Personnel Qualifications

Nondestructive examination personnel shall receive training and be qualified in accordance with ASME Section XI, Subarticle IWA-2300. Ultrasonic examination personnel shall additionally meet the training, qualification, and certification requirements of Appendix VII.

#### 3.6.4 Calibration Blocks

Calibration blocks shall meet the material, surface finish and calibration reflector configuration requirements in effect at the time of the calibration block fabrication. Where this differs from the current edition of ASME Section XI, the differences shall be noted in the UT examination procedure. A list of the calibration blocks to be employed during the third interval is provided in Subsection 6.6 of this Plan.

3.7. System Pressure Tests

- 3.7.1 System Pressure Tests will be performed in accordance with the requirements of IWA-5000, IWB-5000, IWC-5000 and IWD-5000 except as modified by Code Case N-498, Alternate Rules for 10 Year Hydrostatic Pressure Testing for Class 1 and 2 Systems, Section XI, Division 1.
- 3.7.2 The visual examinations (VT-2) will be performed by personnel qualified and certified in accordance with ASME Section XI, IWA-2312.
- 3.7.3 The components subject to examination are all Class 1, 2 and 3 components (Quality Group A, B and C). Test pressurization boundaries will be determined in accordance with IWA-5220.
- 3.7.4 A listing of typical procedures, which includes the system pressure test procedures, is provided in Subsection 6.8 of this Plan.

**Section 4**

**LIST OF APPLICABLE PIPING AND  
INSTRUMENTATION DIAGRAMS (P&IDs)**

**LIST OF APPLICABLE PIPING AND INSTRUMENTATION DIAGRAMS**

Diagram Number	Diagram Title	Included System(s)/ Acronyms Employed
A227781	Auxiliary Coolant System	AC, ACS, CCS, SFPCS, RHR
A251783	Auxiliary Coolant System, RHR Pumps	AC, ACS, CCS, RHR, SIS
9321-F-2720	Auxiliary Coolant System	AC, ACS, CCS, RHR
9321-F-2729	Steam Generator Blowdown & Blowdown Sample System	BD
9321-F-2019	Boiler Feedwater	AFW, BFD
A235309	Chemical & Volume Control System	CH, CVC, CVCS
9321-F-2736	Chemical & Volume Control System	CH, CVC, CVCS
9321-F-2737	Chemical & Volume Control System, Sheet 2	CH, CVC, CVCS
A208168	Chemical & Volume Control System	CH, CVC, CVCS
9321-F-2018	Condensate & Boiler Feed Pump Suction	CD, CT, MW
9321-F-2727	Hydrogen Recombiner System	HR
9321-F-2017	Main Steam	MS
9321-F-2041	Main Steam Traps	MS
C235117	Radiation Monitors R-46, R-49 and R-53	PRMS
B235122	Radiation Monitors R-39, R-40, R-47, and R-48	PRMS
A208798	Reactor Vessel Level Instrumentation	RC, RCS
9321-F-2738	Reactor Coolant System	RC, RCS
A235296	Safety Injection System	CSS, RCS, RHR, SI, SIS, HIS
9321-F-2735	Safety Injection System	CSS, RCS, RHR, SI, SIS, HIS
9321-F-2745	Sampling System	SS
9321-F-2722	Service Water System Nuclear Steam Supply Plant, Sheet 1 of 2	SW, PRMS
A209762	Service Water System Nuclear Steam Supply Plant, Sheet 2 of 2	SW, PRMS
9321-F-2730	Waste Disposal System, Sheet 2	WD

**EXPLANATION OF SYSTEM ACRONYMS**

<b><u>SYSTEM ACRONYM(S)</u></b>	<b><u>SYSTEM</u></b>
AC,ACS	= Auxiliary Coolant System
AFW	= Auxiliary FeedWater System
BD	= Blow Down System
BFD	= Boiler Feed Discharge System
CC,CCW	= Component Cooling Water System
CD	= Condenser Pump Discharge System
CT	= Condensate Transfer System
CH,CVC,CVCS	= Chemical and Volume Control System
CSS	= Containment Spray System
HIS	= High Pressure Safety Injection
HR	= Hydrogen Recombiner System
MS	= Main Steam System
MW	= Make Up Water, City
PRMS	= Process Radiation Monitoring System
PW	= Primary Water System
RC,RCS	= Reactor Coolant System
RHR	= Residual Heat Removal System
SFPCS	= Spent Fuel Pit Cooling System
SI,SIS	= Safety Injection System
SS	= Sampling System
SW	= Service Water System
WD	= Waste Disposal System

**Section 5**

**INSERVICE INSPECTION SUMMARY TABLE**  
**Table 5-1**



5.0 The Inservice Inspection Summary Table (Table 5-1) provides the following information:

5.0.1 Examination Category and Examination Category Description

Provides the examination category and description as identified in ASME Section XI, Tables IWB-2500-1, IWC-2500-1, IWD-2500-1, and IWF-2500-1. Only those examination categories applicable to Indian Point 2 are identified.

5.0.2 Item Number and Item Number Description

Provides the item number and description as defined in ASME Section XI, Tables IWB-2500-1, IWC-2500-1, IWD-2500-1, and IWF-2500-1. Only those item numbers applicable to Indian Point 2 during Interval 3 are identified.

5.0.3 Exam Requirements

Provides the examination method(s) required by ASME Section XI, Tables IWB-2500-1, IWC-2500-1, IWD-2500-1, and IWF-2500-1.

5.0.4 System

Provides the system acronym (abbreviations) as follows:

<u>SYSTEM ACRONYMS</u>		<u>SYSTEM</u>
ACS	=	<u>A</u> uxiliary <u>C</u> oolant <u>S</u> ystem
AFW	=	<u>A</u> uxiliary <u>F</u> eed <u>W</u> ater System
BD	=	<u>B</u> low <u>D</u> own System
BFD	=	<u>B</u> oiler <u>F</u> eed <u>D</u> ischarge System
CCW	=	<u>C</u> omponent <u>C</u> ooling <u>W</u> ater System
CT	=	<u>C</u> ondensate <u>T</u> ransfer System
CVC	=	<u>C</u> hemical and <u>V</u> olume <u>C</u> ontrol System
HIS	=	<u>H</u> igh Pressure <u>S</u> afety <u>I</u> njection
HR	=	<u>H</u> ydrogen <u>R</u> ecombiner System
MS	=	<u>M</u> ain <u>S</u> team System
PRMS	=	<u>P</u> rocess <u>R</u> adiation <u>M</u> onitoring <u>S</u> ystem
PW	=	<u>P</u> rimary <u>W</u> ater System
RCS	=	<u>R</u> eactor <u>C</u> oolant <u>S</u> ystem
RHR	=	<u>R</u> esidual <u>H</u> eat <u>R</u> emoval System
SFPCS	=	<u>S</u> pent <u>F</u> uel <u>P</u> it <u>C</u> ooling <u>S</u> ystem
SIS	=	<u>S</u> afety <u>I</u> njection <u>S</u> ystem
SS	=	<u>S</u> ampling <u>S</u> ystem
SW	=	<u>S</u> ervice <u>W</u> ater System
WD	=	<u>W</u> aste <u>D</u> isposal System

5.0.5 Number of Components

Provides the number of components within a Section XI Item Number and System.

5.0.6 Relief Request Number

Provides a listing of relief requests applicable to the Section XI Item Number. If a relief request number is identified, see the corresponding relief request in Section 6.

**Table 5-1  
Inservice Inspection Summary Table**

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
B-A Pressure Retaining Welds in Reactor Vessel	B1.11	Circumferential Shell Welds, Reactor Vessel	Volumetric	RCS	2	
	B1.12	Longitudinal Shell Welds, Reactor Vessel	Volumetric	RCS	8	
	B1.21	Circumferential Head Welds, Reactor Vessel	Volumetric	RCS	2	No. 6
	B1.22	Meridional Head Welds, Reactor Vessel	Volumetric	RCS	12	No. 6
	B1.30	Shell-to-Flange Weld, Reactor Vessel	Volumetric	RCS	1	
	B1.40	Head-to-Flange Weld, Reactor Vessel	Volumetric & Surface	RCS	1	
	B1.51	Repair Welds In Beltline Region	Volumetric	RCS	1	
B-B Pressure Retaining Welds in Vessels Other Than Reactor Vessels	B2.11	Circumferential Shell-To-Head Welds, Pressurizer	Volumetric	RCS	2	No. 7
	B2.12	Longitudinal Shell-To-Head Welds, Pressurizer	Volumetric	RCS	2	No. 7
	B2.40	Tube Sheet-To-Head Weld, Steam Generator	Volumetric	RCS	4	
	B2.51	Circumferential Head Welds, Heat Exchangers (Primary Side)	Volumetric	CVC	6	No. 8
	B2.80	Tubesheet to Shell Welds, Heat Exchangers, (Primary Side Shell)	Volumetric	CVC	6	No. 8
B-D Full Penetration Welds of Nozzles in Vessels	B3.90	Nozzle-to-Vessel Welds, Reactor Vessel	Volumetric	RCS	8	
	B3.100	Nozzle Inside Radius Section, Reactor Vessel	Volumetric	RCS	8	
	B3.120	Nozzle Inside Radius Section, Pressurizer	Volumetric	RCS	6	No. 9
	B3.140	Nozzle Inside Radius Section, Steam Generator	Volumetric	RCS	8	No. 10
	B3.150	Nozzle to Vessel Welds, Heat Exchangers (Primary Side)	Volumetric	CVC	12	No. 8
	B3.160	Nozzle Inside Radius Section, Heat Exchanger (Primary Side)	Volumetric	CVC	12	No. 8

**Table 5-1  
Inservice Inspection Summary Table**

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
B-E Pressure Retaining Partial Penetration Welds in Vessels	B4.12	Partial Penetration Control Rod Drive Nozzle Welds	Visual, VT-2	RCS	97	
	B4.13	Partial Penetration Instrumentation Nozzle Welds	Visual, VT-2	RCS	58	
	B4.20	Partial Penetration Pressurizer Heater Penetration	Visual, VT-2	RCS	78	
B-F Pressure Retaining Dissimilar Metal Welds	B5.10	Dissimilar Metal Nozzle-to-Safe End Butt Welds NPS 4 or Larger, Reactor Vessel	Volumetric & Surface	RCS	8	No. 11
	B5.40	Dissimilar Metal Nozzle-to-Safe End Butt Welds NPS 4 or Larger, Pressurizer	Volumetric & Surface	RCS	6	No. 12
	B5.70	Dissimilar Metal Nozzle-to-Safe End Butt Welds NPS 4 or Larger, Steam Generator	Volumetric & Surface	RCS	8	No. 12
B-G-1 Pressure Retaining Bolting, Greater Than 2 in. in Diameter	B6.10	Reactor Vessel Closure Head Nuts	Surface	RCS	54	
	B6.20	Reactor Vessel Closure Studs, in place	Volumetric	RCS	54	
	B6.30	Reactor Vessel Closure Studs, when Removed	Volumetric & Surface	RCS	54	
	B6.40	Threads in Reactor Vessel Flange	Volumetric	RCS	54	
	B6.50	Reactor Vessel Closure Washers	Visual, VT-1	RCS	54	
	B6.180	Bolts & Studs in Pumps	Volumetric	RCS	96	No. 30
	B6.190	Flange Surface, When Connection Disassembled, in Pumps	Visual, VT-1	RCS	4	
	B6.200	Nuts, Bushings, & Washers in Pumps	Visual, VT-1	RCS	96	

**Table 5-1**  
**Inservice Inspection Summary Table**

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
B-G-2  Pressure Retaining Bolting, 2 in. and Less in Diameter	B7.20	Bolts, Studs, & Nuts in Pressurizer	Visual, VT-1	RCS	16	
	B7.30	Bolts, Studs & Nuts in Steam Generator	Visual VT-1	RCS	128	
	B7.50	Bolts, Studs, & Nuts in Piping	Visual, VT-1	CVC	80	
				RCS	32	
	B7.60	Bolts, Studs, & Nuts in Pumps	Visual, VT-1	RCS	72	
	B7.70	Bolts, Studs, & Nuts in Valves	Visual, VT-1	CVC	18*	
				RCS	17*	
				RHR	32	
				SIS	176	
B7.80	Bolts, Studs, & Nuts in CRD Housings	Visual, VT-1	RCS	21		
* Number of Valves with Bolts, Studs and Nuts subject to examination.						

**Table 5-1  
Inservice Inspection Summary Table**

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
B-J Pressure Retaining Welds in Piping	B9.11	Circumferential Welds in Piping NPS 4 or Larger	Volumetric & Surface	RCS	81	No. 2
				RHR	20	
				SIS	51	
	B9.12	Longitudinal Welds in Piping NPS 4 or Larger	Volumetric & Surface	RCS	16	No. 2
	B9.21	Circumferential Welds in Piping Less than NPS 4	Surface	CVC	125	
				RCS	56	
	B9.31	Branch Pipe Connection Welds NPS 4 or Larger	Volumetric & Surface	RCS	1	No. 2
				RHR	1	
				SIS	4	
	B9.32	Branch Pipe Connection Welds Less than NPS 4	Surface	CVC	6	
				RCS	3	
				SIS	6	
	B9.40	Socket Welds	Surface	CVC	267	
RCS				44		
SIS				122		
B-L-1 Pressure Retaining Welds in Pump Casings	B12.10	Pump Casing Welds	Volumetric	RCS	12	
B-L-2 Pump Casings	B12.20	Pump Casings	Visual, VT-3	RCS	4	

**Table 5-1  
 Inservice Inspection Summary Table**

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
B-M-2 Valve Bodies	B12.50	Valve Bodies, Exceeding NPS 4	Visual, VT-3	RHR	2	
				SIS	12	
B-N-1 Interior of Reactor Vessel	B13.10	Vessel Interior	Visual, VT-3	RCS	1	
B-N-2 Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels	B13.60	Interior Attachments beyond Beltline Region in Reactor Vessel	Visual, VT-3	RCS	1	
B-N-3 Removable Core Support Structures	B13.70	Core Support Structure in Reactor Vessel	Visual, VT-3	RCS	1	
B-O Pressure Retaining Welds in Control Rod Housings	B14.10	Welds in CRD Housing	Volumetric or Surface	RCS	28	

**Table 5-1  
Inservice Inspection Summary Table**

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
B-P All Pressure Retaining Components	B15.10	RPV - System Leakage Test	Visual, VT-2	RCS	1	
	B15.11	RPV - System Hydrostatic Test	Visual, VT-2	RCS	1	No. 20
	B15.20	Pressurizer - System Leakage Test	Visual, VT-2	RCS	1	
	B15.21	Pressurizer - System Hydrostatic Test	Visual, VT-2	RCS	1	No. 20
	B15.30	Steam Generator - System Leakage Test	Visual, VT-2	RCS	4	
	B15.31	Steam Generator - System Hydrostatic Test	Visual, VT-2	RCS	4	No. 20
	B15.40	Heat Exchangers - System Leakage Test	Visual, VT-2	CVC	3	
	B15.41	Heat Exchangers - System Hydrostatic Test	Visual, VT-2	CVC	3	No. 20
	B15.50	Piping - System Leakage Test	Visual, VT-2	CVC	+	
				RCS	+	
				RHR	+	
				SIS	+	
				SS	+	
	B15.51	Piping - System Hydrostatic Test	Visual, VT-2	CVC	+	No. 20
				RCS	+	
RHR				+		
SIS				+		
SS				+		
B15.60	Pumps - System Leakage Test	Visual, VT-2	RCS	4		
B15.61	Pumps - System Hydrostatic Test	Visual, VT-2	RCS	4	No. 20	



Table 5-1  
 Inservice Inspection Summary Table

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
B-P All Pressure Retaining Components (cont'd)	B15.70	Valves - System Leakage Test	Visual, VT-2	CVC	+	
				RCS	+	
				RHR	+	
				SIS	+	
				SS	+	
	B15.71	Valves - System Hydrostatic Test	Visual, VT-2	CVC	+	No. 20
				RCS	+	
				RHR	+	
				SIS	+	
				SS	+	
B-Q Steam Generator Tubing	B16.20	Steam Generator Tubing in U-Tube Design	Volumetric Per Technical Specifications	RCS	-	-

+ All components within Quality Group A will be subject to the requirements of Examination Category B-P.

Table 5-1  
Inservice Inspection Summary Table

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
C-A Pressure Retaining Welds in Pressure Vessels	C1.10	Shell Circumferential Welds	Volumetric	RCS	12	
				RHR	2	No. 16
	C1.20	Head Circumferential Welds	Volumetric	RCS	4	
				RHR	2	No. 16
C1.30	Tubesheet-To-Shell Welds	Volumetric	RCS	4		
C-B Pressure Retaining Nozzle Welds in Vessels	C2.21	Nozzle-to-Shell (or Head) Welds in Vessels without Reinforcing Plate, > 1/2" Nominal Thickness	Surface & Volumetric	RCS	8	
	C2.22	Nozzle Inside Radius Section in Vessels without Reinforcing Plate, > 1/2" Nominal Thickness	Volumetric	RCS	8	No. 25
	C2.31	Reinforcing Plate Welds to Nozzle and Vessel, Nozzles with Reinforcing Plate in Vessels > 1/2" Nominal Thickness	Surface	RHR	8	No. 16
	C2.33	Nozzle-to-Shell (or Head) Welds when Inside of Vessel is Inaccessible	Visual, VT-2	RHR	4	No. 16
C-C Integral Attachments for Vessels, Piping, Pumps, and Valves	C3.10	Integrally Welded Attachments to Pressure Vessels	Surface	RHR	4	No. 16
	C3.20	Integrally Welded Attachments to Piping	Surface	ACS	3	
				BFD	60	
				HIS	17	
				MS	81	
				RHR	6	
SIS	5					

Table 5-1  
Inservice Inspection Summary Table

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
C-F-1 Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping	C5.11	Circumferential Welds in Austenitic Stainless Steel or High Alloy Piping $\geq 3/8$ " Nominal Wall Thickness for Piping $> \text{NPS } 4$	Volumetric & Surface	ACS	112*	No. 2
				HIS	65*	No. 2
				RHR	52*	No. 2
				SIS	452*	No. 2
	C5.12	Longitudinal Welds in Austenitic Stainless Steel or High Alloy Piping $\geq 3/8$ " Nominal Wall Thickness for Piping $> \text{NPS } 4$	Volumetric & Surface	ACS	16*	No. 2
				RHR	12*	No. 2
				SIS	10*	No. 2
	C5.21	Circumferential Welds in Austenitic or High Alloy Piping $> 1/5$ in. Nominal Wall Thickness for Piping $\geq \text{NPS } 2$ and $\leq \text{NPS } 4$	Volumetric & Surface	HIS	59	No. 2
	C5.30	Socket Welds	Surface	HIS	150	
	C5.41	Pipe Branch Connections of Branch Piping $\geq \text{NPS } 2$ , Circumferential Weld	Surface	HIS	4	
SIS				1		

\* Total number of welds  $\geq 3/8$ " nominal wall thickness plus the number of welds  $< 3/8$ " nominal wall thickness to which the 7.5% sampling rate is applied to.

Table 5-1  
 Inservice Inspection Summary Table

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
C-F-2 Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	C5.51	Circumferential Welds in Carbon or Low Alloy Steel Piping $\geq 3/8"$ Nominal Wall Thickness for Piping $> \text{NPS } 4$	Volumetric & Surface	BFD	70	No. 2
				MS	154	No. 2
	C5.52	Longitudinal Welds in Carbon or Low Alloy Steel Piping $\geq 3/8"$ Nominal Wall Thickness for Piping $\geq \text{NPS } 4$	Volumetric & Surface	MS	17	
				C5.81	Circumferential Welds in Carbon or Low Alloy Steel Piping, Branch Connections of Branch Piping $\geq \text{NPS } 2$	Surface
			MS	28		
C-H All Pressure Retaining Components	C7.10	Pressure Vessels - System Pressure Test	Visual, VT-2	ACS	++	
				BFD	++	
				CVC	++	
				CT	++	
				HIS	++	
				MS	++	
				SIS	++	
				SS	++	
	C7.20	Pressure Vessels - System Hydrostatic Test	Visual, VT-2	ACS	++	No. 20
				BFD	++	No. 20
				CVC	++	No. 20
				CT	++	No. 20
				HIS	++	No. 20
				MS	++	No. 20
SIS				++	No. 20	
SS				++	No. 20	

Table 5-1  
 Inservice Inspection Summary Table

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
C-H All Pressure Retaining Components (cont'd)	C7.30	Piping - System Pressure Test	Visual, VT-2	ACS	++	
				BFD	++	
				CVC	++	
				CT	++	
				HIS	++	
				MS	++	
				SIS	++	
				SS	++	
	C7.40	Piping - System Hydrostatic Test	Visual, VT-2	ACS	++	No. 20
				BFD	++	No. 20
				CVC	++	No. 20
				CT	++	No. 20
				HIS	++	No. 20
				MS	++	No. 20
				SIS	++	No. 20
SS	++	No. 20				

Table 5-1  
Inservice Inspection Summary Table

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
C-H All Pressure Retaining Components (cont'd)	C7.50	Pumps - System Pressurc Test	Visual, VT-2	CVC	++	
				CT	++	
				HIS	++	
				RHR	++	
				SIS	++	
	C7.60	Pump - System Hydrostatic Test	Visual, VT-2	CVC	++	No. 20
				CT	++	No. 20
				HIS	++	No. 20
				RHR	++	No. 20
				SIS	++	No. 20

Table 5-1  
Inservice Inspection Summary Table

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
C-H All Pressure Retaining Components (cont'd)	C7.70	Valves - System Pressure Test	Visual, VT-2	RHR	++	
				BFD	++	
				CVC	++	
				CT	++	
				HIS	++	
				MS	++	
				SIS	++	
				SS	++	
	C7.80	Valves - System Hydrostatic Test	Visual, VT-2	RHR	++	No. 20
				BFD	++	No. 20
				CVC	++	No. 20
				CT	++	No. 20
				HIS	++	No. 20
				MS	++	No. 20
				SIS	++	No. 20
SS	++	No. 20				

++ All components within Quality Group B will be subject to the requirements of Examination Category C-H.

Table 5-1  
Inservice Inspection Summary Table

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
D-A Systems in Support of Reactor Shutdown Function	D1.10	Class 3 Pressure Retaining Components	Visual, VT-2	CVC	+++	No. 20
D-B Systems in Support of Emergency Core Cooling, Containment Heat Removal, Atmosphere Cleanup, and Reactor Residual Heat Removal	D2.10	Class 3 Pressure Retaining Components	Visual, VT-2	ACS	+++	No. 19 No. 22
				AFW	+++	
				BFD	+++	
				CCW	+++	
				CVC	+++	
				PRMS	+++	
		SW	+++			
	D2.20- D2.60	Integral Attachments - Component Supports	Visual, VT-3	AFW	38	
				CCW	53	
			SW	38		
D-C Systems, in Support of Residual Heat Removal from Spent Fuel Storage Pool	D3.10	Class 3 Pressure Retaining Components	Visual, VT-2	CCW	+++	No. 20
				SFPCS	+++	No. 20
	D3.20 - D3.60	Integral Attachments - Component Supports	Visual, VT-3	CCW	0	
				SFPCS	0	

+++ All components within Quality Group C will be subject to the requirements of Examination Item Nos. D1.10, D2.10, and D3.10, as applicable.



Table 5-1  
Inservice Inspection Summary Table

Examination Category	Item Number	Description	Exam Requirements	System	Number of Components	Relief Request Number
F-A Component Supports	F1.10*	Class 1 Piping Supports	Visual, VT-3	CVC	174	
				RCS	113	
				RHR	14	
				SIS	65	
	F1.20*	Class 2 Piping Supports	Visual, VT-3	ACS	31	
				BFD	71	
				HIS	112	
				MS	125	
				RHR	14	
				SIS	261	
	F1.30*	Class 3 Piping Supports	Visual, VT-3	AFW	196	
				CCW	255	
				SW	229	
	F1.40*	Supports Other Than Piping Supports	Visual, VT-3	AFW	4	
				CVC	6	
				CCW	7	
RCS				9		
RHR				6		
SIS				5		
SW				12		
IWF-5000 Snubbers	--	Code Class Snubbers, examination per IWF-5300(a)	Visual, VT-3	Various	238	No. 31
	--	Code Class Snubbers, testing per IWF-5300(b)	Testing per Technical Specifications 3.12/4.12	Various	238	No. 31

\* Item Numbers per Code Case N-491.

**Section 6.0**

**INSERVICE INSPECTION DETAILS**

**SUBSECTION 6.1**

**LIST OF EQUIPMENT AND ISOMETRIC DRAWINGS**

6.1 List of Equipment and Isometric Drawings

- 6.1.1 Table 6.1-1 contains a list of the equipment detail drawings for equipment subject to NDE during the third inspection interval.
- 6.1.2 Table 6.1-2 contains a list of the weld location isometrics for those piping lines containing welds and/or supports subject to examination during the third inspection interval.

TABLE 6.1-1

INSERVICE INSPECTION EQUIPMENT DRAWINGS

Drawing Number	Drawing Title
A206913	Reactor Vessel
A206914	Steam Generator No. 21
A206915	Steam Generator No. 22
A206916	Steam Generator No. 23
A206917	Steam Generator No. 24
A206918	Pressurizer No. 21
A206919	Residual Heat Exchangers No. 21 & 22
A206921	Regenerative Heat Exchanger
A206922	RHR & Charging Pumps
A206923	Reactor Coolant Pumps No. 21, 22, 23 & 24

**TABLE 6.1-2**  
**INSERVICE INSPECTION ISOMETRIC DRAWINGS**  
Page 1 of 3

Isometric Number	Isometric Title
B206655	ISI Isometric of Main Steam Line No. 1, Sheet 1 of 2
B206656	ISI Isometric of Main Steam Line No. 1, Sheet 2 of 2
B206657	ISI Isometric of Main Steam Line No. 2, Sheet 1 of 2
B206658	ISI Isometric of Main Steam Line No. 2, Sheet 2 of 2
B206659	ISI Isometric of Main Steam Line No. 3, Sheet 1 of 2
B206660	ISI Isometric of Main Steam Line No. 3, Sheet 2 of 2
B206661	ISI Isometric of Main Steam Line No. 4, Sheet 1 of 2
B206662	ISI Isometric of Main Steam Line No. 4, Sheet 2 of 2
B206663	ISI Isometric of Boiler Feed Line No. 5
B206664	ISI Isometric of Boiler Feed Line No. 6
B206665	ISI Isometric of Boiler Feed Line No. 7
B206666	ISI Isometric of Boiler Feed Line No. 8
B206667	ISI Isometric of Auxiliary Coolant Line No. 9 Sheet 1 of 2
B206668	ISI Isometric of Auxiliary Coolant Line No. 9 Sheet 2 of 2
B206669	ISI Isometric of Auxiliary Coolant Line No. 10 Sheet 1 of 2
B206670	ISI Isometric of Auxiliary Coolant Line No. 10 Sheet 2 of 2
B206677	ISI Isometric of Safety Injection Line No. 15 Sheet 1 of 4
B206678	ISI Isometric of Safety Injection Line No. 15 Sheet 2 of 4
B206681	ISI Isometric of Safety Injection Line No. 16 Sheet 1 of 3
B206682	ISI Isometric of Safety Injection Line No. 16 Sheet 2 of 3
B206683	ISI Isometric of Safety Injection Line No. 16 Sheet 3 of 3
B206684	ISI Isometric of CVC/Charging Line No. 19
B206685	ISI Isometric of CVC/Letdown Line No. 27
B206686	ISI Isometric of CVC/Seal Inject Line No. 41
B206687	ISI Isometric of CVC/Seal Inject Line No. 41
B206688	ISI Isometric of CVC/Seal Inject Line No. 42
B206689	ISI Isometric of CVC/Seal Inject Line No. 42
B206690	ISI Isometric of CVC/Seal Inject Line No. 43
B206691	ISI Isometric of CVC/Seal Inject Line No. 43
B206692	ISI Isometric of CVC/Seal Inject Line No. 44
B206693	ISI Isometric of CVC/Seal Inject Line No. 44
B206694	ISI Isometric of Safety Injection Line No. 51 Sheet 1 of 4
B206695	ISI Isometric of Safety Injection Line No. 51 Sheet 2 of 4
B206698	ISI Isometric of Safety Injection Line No. 56 Sheet 1 of 5
B206699	ISI Isometric of Safety Injection Line No. 56 Sheet 2 of 5
B206700	ISI Isometric of Safety Injection Line No. 56 Sheet 3 of 5

**TABLE 6.1-2**  
**INSERVICE INSPECTION ISOMETRIC DRAWINGS**  
 Page 2 of 3

Isometric Number	Isometric Title
B206701	ISI Isometric of Safety Injection Line No. 56 Sheet 4 of 5
B206702	ISI Isometric of Safety Injection Line No. 56 Sheet 5 of 5
B206703	ISI Isometric of Safety Injection Line No. 57
B206704	ISI Isometric of Safety Injection Line No. 60 Sheet 1 of 3
B206705	ISI Isometric of Safety Injection Line No. 60 Sheet 2 of 3
B206706	ISI Isometric of Safety Injection Line No. 60 Sheet 3 of 3
B206707	ISI Isometric of Pressurizer Spray Line No. 61 Sheet 1 of 2
B206708	ISI Isometric of Pressurizer Spray Line No. 61 Sheet 2 of 2
B206709	ISI Isometric of Pressurizer Spray Line No. 62
B206710	ISI Isometric of Pressurizer Surge Line No. 63
B206711	ISI Isometric of Auxiliary Spray Line No. 64
B206712	ISI Isometric of Reactor Coolant Line No. 70
B206713	ISI Isometric of CVC/Letdown Line No. 79
B206714	ISI Isometric of CVC/Charging Line No. 80
B206715	ISI Isometric of CVC/Containment Line No. 81
B206716	ISI Isometric of Reactor Coolant Line No. 82
B206717	ISI Isometric of Reactor Coolant Line No. 83
B206718	ISI Isometric of Reactor Coolant Line No. 84
B206719	ISI Isometric of Safety Injection Line No. 93 Sheet 1 of 2
B206721	ISI Isometric of Safety Injection Line No. 94 Sheet 1 of 2
B206723	ISI Isometric of CVC/Charging Line No. 96
B206724	ISI Isometric of Safety Injection Line No. 155 Sheet 1 of 2
B206725	ISI Isometric of Safety Injection Line No. 155 Sheet 2 of 2
B206726	ISI Isometric of Safety Injection Line No. 181
B206727	ISI Isometric of Safety Injection Line No. 189
B206728	ISI Isometric of Safety Injection Line No. 190
B206729	ISI Isometric of Safety Injection Line No. 199
B206730	ISI Isometric of Safety Injection Line No. 293
B206731	ISI Isometric of Reactor Coolant Line No. 342
B206732	ISI Isometric of Reactor Coolant Line No. 343
B206733	ISI Isometric of Reactor Coolant Line No. 344
B206901	ISI Isometric of Safety Injection Line No. 350
B206902	ISI Isometric of Safety Injection Line No. 351 Sheet 1 of 2
B206903	ISI Isometric of Safety Injection Line No. 351 Sheet 2 of 2

**TABLE 6.1-2**  
**INSERVICE INSPECTION ISOMETRIC DRAWINGS**  
Page 3 of 3

Isometric Number	Isometric Title
B206904	ISI Isometric of Safety Injection Line No. 352
B206905	ISI Isometric of Safety Injection Line No. 353
B206906	ISI Isometric of Safety Injection Line No. 355
B206907	ISI Isometric of Safety Injection Line No. 356
B206908	ISI Isometric of Safety Injection Line No. 358
B206909	ISI Isometric of Safety Injection Line No. 361 Sheet 1 of 2
B206910	ISI Isometric of Safety Injection Line No. 361 Sheet 2 of 2
B206911	ISI Isometric of Safety Injection Line No. 518
B227782	ISI Isometric of Safety Injection Line No. 16
A206924	ISI Drawing Primary Coolant System Loop to Steam Generator No. 21
A206925	ISI Drawing Primary Coolant System Loop to Steam Generator No. 22
A206926	ISI Drawing Primary Coolant System Loop to Steam Generator No. 23
A206927	ISI Drawing Primary Coolant System Loop to Steam Generator No. 24



**SUBSECTION 6.2**

**LIST OF ASME SECTION XI  
EXEMPTIONS AND CODE CASES BY SYSTEM**

Indian Point 2, 3rd Interval  
Inservice Inspection Plan

- 6.2 List of ASME XI Exemptions and Code Cases applied by system.
  - 6.2.1 Table 6.2-1 contains a list of systems within the scope of ASME Section XI. For each system the Code Cases and/or ASME XI exemptions applied are listed.
  - 6.2.2 Each system listed is bounded by the flags shown on the applicable P&IDs.

**TABLE 6.2-1**  
**ASME SECTION XI EXEMPTIONS AND CODE CASES BY SYSTEM**  
Page 1 of 2

System	Section XI Exemptions Employed	Section XI Code Cases Employed
<ul style="list-style-type: none"> <li>• Applicable P&amp;IDs</li> </ul>		
Auxiliary Coolant/ Component Cooling <ul style="list-style-type: none"> <li>• A227781</li> <li>• A251783</li> <li>• 9321-F-2720</li> </ul>	IWD-1200.1 IWF-1230	N-491
Auxiliary Feedwater <ul style="list-style-type: none"> <li>• 9321-F-2018</li> <li>• 9321-F-2019</li> <li>• 250073</li> </ul>	IWF-1230	N-491
Blowdown, Steam Generator <ul style="list-style-type: none"> <li>• 9321-F-2729</li> </ul>	IWC-1222(a) IWC-1222(b) IWF-1230	N-416 N-491 N-498
Boiler Feedwater <ul style="list-style-type: none"> <li>• 9321-F-2019</li> </ul>	IWC-1222(a) IWC-1222(b) IWF-1230	N-416 N-460 N-491 N-498
Chemical and Volume Control <ul style="list-style-type: none"> <li>• A208168</li> <li>• A235309</li> <li>• 9321-F-2735</li> <li>• 9321-F-2736</li> </ul>	IWB-1220(b)(1) IWB-1220(b)(2) IWC-1222(a) IWC-1222(b) IWD-1220.1 IWF-1230	N-416 N-460 N-463-1 N-491 N-498
Containment Spray <ul style="list-style-type: none"> <li>• A235296</li> <li>• 9321-F-2735</li> </ul>	IWC-1221(a) IWC-1221(c) IWC-1221(f) IWF-1230	N-416 N-460 N-491 N-498
Condenser Pump Discharge Condensate Transfer <ul style="list-style-type: none"> <li>• 9321-F-2018</li> <li>• 250073</li> </ul>	IWD-1220.1 IWD-1220.1	N-491 N-491
Hydrogen Recombiner <ul style="list-style-type: none"> <li>• 9321-F-2727</li> </ul>	IWC-1222(a) IWC-1222(b) IWF-1230	N-498

**TABLE 6.2-1**  
**ASME SECTION XI EXEMPTIONS AND CODE CASES BY SYSTEM**  
Page 2 of 2

System	Section XI Exemptions Employed	Section XI Code Cases Employed
<ul style="list-style-type: none"> <li>• Applicable P&amp;IDs</li> </ul>		
Main Steam	IWC-1222(a) IWC-1222(b) IWF-1230	N-416 N-460 N-491 N-498
<ul style="list-style-type: none"> <li>• 9321-F-2017</li> <li>• 9321-F-2041</li> </ul>		
Make-Up Water, City	IWF-1230	N-491
<ul style="list-style-type: none"> <li>• 9321-F-2018</li> </ul>		
Process Radiation Monitoring		
<ul style="list-style-type: none"> <li>• B235122</li> <li>• C235117</li> </ul>	IWD-1220.1 IWF-1230	N-491
Reactor Coolant	IWB-1220(b)(a) IWB-1220(b)(2) IWF-1230	N-460 N-463-1 N-481 N-491 N-498
<ul style="list-style-type: none"> <li>• A208798</li> <li>• A235296</li> <li>• 9321-F-2720</li> <li>• 9321-F-2738</li> </ul>		
Residual Heat Removal	IWC-1221(a) IWC-1221(c) IWF-1230	N-416 N-460 N-491 N-498
<ul style="list-style-type: none"> <li>• A251783</li> <li>• 9321-F-2720</li> </ul>		
Spent Fuel Pit Cooling	IWD-1220.1 IWD-1220.2 IWF-1230	N-491
<ul style="list-style-type: none"> <li>• A227781</li> <li>• 9321-F-2720</li> </ul>		
Safety Injection	IWC-1221(a) IWC-1221(b) IWC-1221(c) IWC-1221(d) IWC-1221(e) IWC-1221(f) IWF-1230	N-416 N-460 N-491 N-498
<ul style="list-style-type: none"> <li>• A235296</li> <li>• 9321-F-2735</li> </ul>		
Sampling	IWB-1220(b)(1) IWB-1220(b)(2) IWC-1221(a) IWC-1221(c)	N-491 N-498
<ul style="list-style-type: none"> <li>• 9321-F-2745</li> </ul>		
Service Water	IWD-1220.1 IWF-1230	N-491
<ul style="list-style-type: none"> <li>• A209762</li> <li>• 9321-F-2722</li> </ul>		
Waste Disposal	IWD-1220.1 IWF-1230	N-491
<ul style="list-style-type: none"> <li>• 9321-F-2730</li> </ul>		

**SUBSECTION 6.3**  
**INSERVICE INSPECTION RELIEF REQUESTS**

### 6.3 Inservice Inspection Relief Requests

This subsection contains relief requests written in accordance with 10CFR50.55a (a)(3) and (g)(5) when specific ASME Section XI requirements for inservice inspection are considered impractical or pose an undue burden on the licensee. The enclosed relief requests are subject to change throughout the inspection interval. If examination requirements are determined to be impractical, or result in hardship or unusual difficulty without a compensating increase in the level of quality and safety, during the course of the interval, additional or modified relief requests will be submitted in accordance with 10CFR50.55a(a)(3) and (g)(5).

An index which summarizes each relief request is included at the beginning of this section. This index includes a sequential listing of relief requests which were submitted for Interval 2 as well as new, Interval 3 relief requests. The sequential numbering was maintained for continuity across intervals. A status column is included to provide the reason for inclusion or deletion of all relief requests developed during Interval 2 and Interval 3.

Equipment drawings (A series) referenced in the relief requests are included in Appendix B. Referenced weld detail drawings (D series) are appended to each relief request, as applicable.

**TABLE 6.3-1  
INSERVICE INSPECTION  
RELIEF REQUEST INDEX/SUMMARIES**

<b>Relief Request</b>	<b>Summary</b>	<b>Status</b>
1	Alternative Pressure Testing Requirement for Repairs, Replacements and Modifications	Approved Interval 2
2	Preparation of Pipe Weldments by Mechanical Methods.	Approved Interval 2
3	Weld Reference System	Approved Interval 2
4	Alternate Examinations of Components per IWA-5244 (80/W81)	Deleted: Denied Interval 2
5	ISI Summary Report Submittal with 90 Days	Deleted: Denied Interval 2
6	Reactor Vessel Closure Head Circumferential Welds	Approved Interval 2
7	Pressurizer Shell to Head Circumferential and longitudinal Welds	Approved Interval 2
8	Regenerative Heat Exchanger Vessel Welds and Nozzle Inside Radius Sections	Approved Interval 2
9	Pressurizer Nozzle Inside Radius Sections	Approved Interval 2
10	Steam Generator Nozzle Inside Radius Sections/Code Class 1	Approved Interval 2
11	Reactor Vessel Nozzle to Safe End Welds	Approved Interval 2
12	Pressurizer and Steam Generator Nozzle to Safe End Welds	Approved Interval 2
13	RHR System Motor Operated Valves Internal Surface Examinations	Deleted: Not Required Interval 3
14	Seal Water Return Filter Shell and Head Circumferential Welds	Deleted: Not Required Interval 3

**TABLE 6.3-1  
INSERVICE INSPECTION  
RELIEF REQUEST INDEX/SUMMARIES**

<b>Relief Request</b>	<b>Summary</b>	<b>Status</b>
15	Seal Water Heat Exchanger Shell and Head Circumferential welds	Deleted: Not Required Interval 3
16	Residual Heat Exchangers Nozzle to Vessel and Integral Attachment Welds	Approved Interval 2
17	Containment Spray Piping Hydrostatic Testing	Deleted: Not Required Interval 3
18	Auxiliary Cooling System Header Hydrostatic Testing	Deleted: Denied Interval 2
19	Service Water System River Section Piping Hydrostatic Testing	Approved Interval 2
20	Hydrostatic Testing of Code Class 1, 2, and 3 Components	Approved Interval 2
21	Safety Injection System Piping Hydrostatic Pressure Testing	Deleted: Not Required Interval 3
22	Service Water System Diesel Generator Cooler Hydrostatic Testing	Deleted; Not Required Interval 3
23	Steam Generator and Connected Code Class 2 Component Hydrostatic Testing	Deleted: Denied Interval 2
24	Main Steam Trap Piping Hydrostatic Testing	Deleted: Denied Interval 2
25	Steam Generator Nozzle Inside Radius Sections	Approved Interval 2
26	Emergency and Temporary Repairs of Code Class 1, 2, and 3 Components	Deleted: Withdrawn Interval 2
27	Reactor Coolant Loop Piping Longitudinal Welds	Approved Interval 2



**TABLE 6.3-1**  
**INSERVICE INSPECTION**  
**RELIEF REQUEST INDEX/SUMMARIES**

<b>Relief Request</b>	<b>Summary</b>	<b>Status</b>
28	Pressurizer Lower Shell to Head Circumferential and Longitudinal Welds and Integrally Welded Attachment	Deleted: Not Required Interval 3
29	Insulation Removal at Mechanical Joints	New
30	Reactor Coolant Pump Main Flange Bolting	New
31	Examination and Testing of Snubbers per Technical Specifications	New
32	UT Recording Level	New
33	Pressure Retaining Bolting	New

**RELIEF REQUEST NUMBER 1**  
(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 3  
References: IWA-4700, IWA-5214  
Examination Category: N/A  
Item Number: N/A  
Description: Alternative Pressure Testing Requirement for Repairs, Replacements and Modifications

**CODE REQUIREMENT**

IWA-4700(a), Pressure Test, states "after repairs by welding on the pressure retaining boundary, a system hydrostatic test shall be performed in accordance with IWA-5000."

IWA-5214, Repairs and Replacements, states "a component repair or replacement shall be pressure tested prior to resumption of service if required by IWA-4400 and IWA-4600," and further requires that the test pressure and temperature for a system hydrostatic test subsequent to the component repair or replacement shall comply with the system test pressure and temperature specified in IWD-5223, as applicable to the system which contains the repaired or replaced component.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(a)(3)(i), relief is requested on the basis that the proposed alternatives provide an acceptable level of quality and safety.

ASME Boiler and Pressure Vessel Code Case N-416 (Approval Date: December 5, 1984), "Alternate Rules for Hydrostatic Testing of Repair or Replacement of Class 2 Piping," identified the provisions stipulated in the Proposed Alternate Examination Section as acceptable alternate inspections for assuring the integrity of Class 2 piping following repairs or replacement. The alternate provisions stipulated in Code Case N-416 would be extended to include Class 3 piping systems, since the rationale of substituting examination during fabrication, and leakage testing, as an alternative to immediate hydrostatic tests is equally applicable to Class 3 systems.

The requirement to secure safety or relief valves and/or lack of ability to isolate portions of piping systems make the requirement to perform immediate hydrostatic testing impractical. The deferral of the hydrostatic tests allows for orderly design and implementation of any system modifications to support performance of hydrostatic tests subsequent to repairs or replacements. The alternate examination proposed below provides increased plant operating flexibility while still assuring the suitable quality of repairs and replacements.

**RELIEF REQUEST NUMBER 1**  
(Page 2 of 2)

**PROPOSED ALTERNATE EXAMINATION**

It is proposed that the alternative rules allowed by Code Case N-416 for Class 2 piping be accepted for Class 3 piping, for the same reasons that justified their acceptability for Class 2. These alternate rules would apply in cases where Class 3 piping cannot be isolated by existing valves or cases that require securing safety or relief valves for isolation. In these cases, the system hydrostatic test required subsequent to repair or replacement of Class 3 piping may be deferred until the next regularly scheduled system hydrostatic test, provided both of the following conditions are met:

- (a) Prior to or immediately upon return to service, a visual examination (VT-2) for leakage shall be conducted during a system functional test or during a system inservice test in the repaired or replaced portion of the piping system.
- (b) The repair or replacement welds shall be examined in accordance with IWA-4000 and IWA-7000 using volumetric examination methods (IWA-2230) for full penetration welds or surface examination methods (IWA-2220) for partial penetration welds.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The proposed alternative examination requires that welds resulting from repairs, replacement or modifications be subjected to NDE examination. The proposed alternatives, which are weld examination and leakage testing, are sufficient to ensure integrity of the welds and will therefore not result in a decrease in plant quality or safety.

**RELIEF REQUEST NUMBER 2**  
(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 1 and 2  
References: IWA-2200(b), Figures IWB-2500-8 and IWC-2500-7(a), Appendix III-4430  
Examination Category(s): B-J, C-F-1  
Description: Stainless Steel Pipe Weld Joint Preparation and Scan Coverage for Transverse Reflectors

**CODE REQUIREMENT**

Subarticle IWA-2200(b) states that when preparation of a surface for nondestructive examination is required, the preparation shall be by a mechanical method.

Figures IWB-2500-8 and IWC-2500-7(a) provide the required examination volume and scan surface requirements for ultrasonic examination of piping welds.

Table IWB-2500-1, Category B-J, and Table IWC-2500-1, Categories C-F-1 and C-F-2, specify the extent and frequency of examination for transverse reflectors.

Mandatory Appendix III, Subarticle III-4430 states that the angle beam examination for reflectors transverse to the weld shall be performed on the weld crown on a single scan path.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(a)(3)(i), relief is requested on the basis that the proposed alternative will provide an acceptable level of quality and safety. Relief is requested from performing the ultrasonic examination required by the Code for transverse reflectors from the weld crown surface and the need to mechanically prepare the weld crown surface to support such exams.

All stainless steel pipe welds and carbon steel pipe welds with baseline transverse indications are required to be inspected from the weld crown for reflectors transverse to the weld. There are no carbon steel welds at Indian Point 2 that have baseline reflectors transverse to the weld. To comply with this requirement, the stainless steel pipe welds would need to be mechanically prepared to permit the ultrasonic transducer to pass over the welded surface. EPRI has developed techniques to aid in the identification of intergranular stress corrosion cracking in stainless steel pipe welds. During the research and development process it was noted that even when the stainless steel weld crown had been mechanically prepared according to the code, the ultrasonic beam could change its angle of refraction as a result of the varying dendritic structure of the weld material. For example, in one location of a weld the ultrasonic beam would measure 45 degrees from the OD to the ID, while at another location of the weld the ultrasonic beam would change from 45 degrees to 0 degrees. This makes ultrasonic examinations of stainless steel welds for transverse reflectors using the code specified technique an inconsistent examination at best. EPRI then developed a technique, similar to what has been used by

**RELIEF REQUEST NUMBER 2**  
(Page 2 of 2)

**BASIS FOR RELIEF (cont'd)**

Con Edison during the Second Interval, to examine for transverse reflectors by scanning parallel to the weld and skewing the transducer 0 to 45 degrees towards the weld. This technique has been in use for more than five years and has proven successful in identifying transverse reflectors without requiring mechanical preparation of the weld crown.

**PROPOSED ALTERNATE EXAMINATION**

In lieu of mechanically preparing the surface of welds for circumferential ultrasonic examinations from the weld crown surface using the technique specified in Appendix III subparagraph III-4430, Con Edison proposes using a superior technique based on EPRI's R&D and field experience. This technique places the search unit on the surface adjacent to the weld and directs the sound beam into the material parallel to the weld axis. The search unit is then angled a maximum of 45 degrees towards the weld to direct the beam into the weld material. The transducer is rotated from 0 to 15 degrees towards the weld while moving along each edge around the weld joint, indexing with at least a 10% overlap. The examination is then repeated in the reverse direction along the same weld edge. Calibration of the technique will be done with the sound beam directed into the material normal to the axis of the calibration reflector.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The technique that Con Edison proposes to use is similar to one developed by EPRI which provides superior coverage for ultrasonic angle beam circumferential examinations (to detect transverse reflectors) of stainless steel pipe welds, as compared to the technique described in Appendix III, subparagraph 4430. Granting of this request will not decrease the overall level of plant quality and safety.

**RELIEF REQUEST NUMBER 3**  
(Page 1 of 1)

**COMPONENT IDENTIFICATION**

Code Class: 1 and 2  
References: IWA-2600  
Description: Weld Reference System

**CODE REQUIREMENT**

Subarticle IWA-2600 - Establishment of weld reference system for all welds and areas subject to surface or volumetric examination.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(a)(3)(ii), relief is requested on the basis that complying with the code requirement would result in hardship or unusual difficulty without a compensating increase in the level of quality and safety.

At the time of construction of Indian Point Unit No. 2, application of a reference system was not required by Code. Application of such markings to each and every item or area subject to surface or volumetric examination at an operating plant would require expending significant plant resources and result in significant additional personnel radiation exposure. In many instances, very limited or no physical access is available to permit such markings. The alternate provisions below will provide adequate traceability between the areas inspected and recorded indications and assure the repeatability of inspection results.

**PROPOSED ALTERNATE EXAMINATION**

Datum reference markings will be established in the event that recordable indications are to be reported. Such datum points shall either be marked on the components or have their locations adequately described in inspection documentation so that subsequent relocation can be achieved.

The method proposed for the identification of indication locations is identical to the one employed by IP-2 during the first and second inspection intervals. This method was previously evaluated and approved by the NRC.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

Since the alternative method proposed provides an acceptable level of quality and safety, and will be as effective at locating previous indications as that required by the Code, there will be no change in the level of plant quality and safety by granting this request.

**RELIEF REQUEST NUMBER 6**  
(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 1  
References: Table IWB-2500-1, Category B-A; Figure IWB-2500-3  
Examination Category: B-A  
Item Numbers: B1.21, B1.22  
Description: Reactor Vessel Closure Head and Bottom Head Circumferential and Meridional Welds  
Component Numbers: RVHC-1, RPVC-5, RVHM-1 thru RVHM-6, RPVM-1 thru RPVM-6  
Reference Drawings: A206913 D207748 (RVHM-6)  
D207742 (RVHC-1) D207762 (RPVM-1)  
D207753 (RPVC-5) D207763 (RPVM-2)  
D207743 (RVHM-1) D207764 (RPVM-3)  
D207744 (RVHM-2) D207765 (RPVM-4)  
D207745 (RVHM-3) D207766 (RPVM-5)  
D207746 (RVHM-4) D207767 (RPVM-6)  
D207747 (RVHM-5)

**CODE REQUIREMENT**

Table IWB-2500-1, Category B-A, Items B1.21 and 1.22, Note 2 requires that the volumetric examination coverage stipulated by Figure IWB-2500-3 be provided for essentially 100% of one weld.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(g)(5)(iii) and (g)(6)(i), relief is requested on the basis that compliance with the code requirement is impractical.

The Reactor Pressure Vessel was designed and fabricated to Codes in effect during the late 1960's. These Codes did not require that there be full access for inservice inspection, as was required by later Codes.

The closure head peel segment to disc circumferential weld (RVHC-1) is completely enclosed within the pattern of CRDM penetrations inside the shroud and, as such, is completely inaccessible for volumetric examination as would be required by IWB-2500. Portions of the intersecting meridional welds (RVHM-1 thru 6) are also obstructed by the CRDM penetrations.

Access to the bottom head peel segment to disc circumferential weld (RPVC-5) from inside the vessel is restricted by the location of adjacent in-core instrumentation penetrations, and this weld is also completely inaccessible for volumetric examination. Portions of the intersecting meridional welds (RPVM-1 thru 6) are also obstructed by the instrumentation penetrations. Volumetric examination from the outside of the vessel is restricted by in-core instrumentation conduits which preclude access to sufficient scanning path for volumetric examination.

**RELIEF REQUEST NUMBER 6**  
(Page 2 of 2)

**PROPOSED ALTERNATE EXAMINATION**

The Reactor Vessel closure head and bottom head areas will be visually examined (VT-2) each refueling outage for evidence of leakage during system pressure tests performed in accordance with IWB-2500, Category B-P, and Code Case N-498. It is expected that any through wall defects would be detected by this examination prior to failure of the vessel. This is based on the expectation that the component would experience leakage before a catastrophic failure ("leak before break").

In addition, the Reactor Coolant System (RCS) is continuously monitored for leakage in accordance with Technical Specifications. During plant operations, the RCS leak rate is limited by Technical Specification 3.1.F.2.c(1) to 1 gpm from unidentified sources and 10 gpm total from identified sources. The various diverse means of leak detection are described in the associated Technical Specification Basis.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

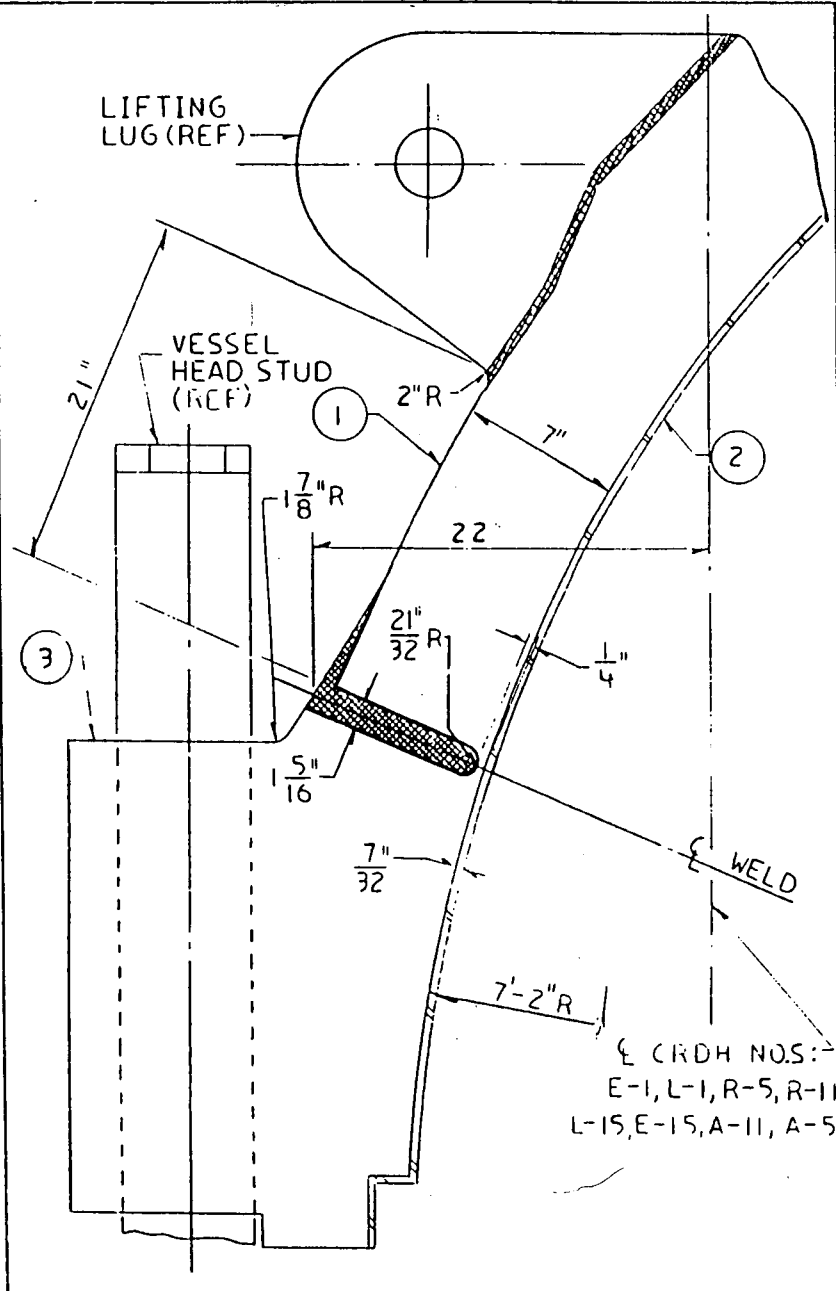
Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The level of inspections proposed for the third interval is the same as that which was in effect for the first two inspection intervals. Based on the successful operating history of this and similar vessels at other plants, the sufficiency of the VT-2 examinations for the purpose of detecting leakage, and the fact that full code required inspections are being performed in the critical beltline region (where conditions leading to leakage would also be expected to occur if the closure head and bottom head areas were suspect), the granting of this relief request will not result in a decrease in the overall level of quality and safety of this component.



DWG. NO. **D 207742**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REACTOR VESSEL  
REF. DWGS. A 206913  
QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CLOSURE HEAD			
	PEEL SEGMENT	PLATE	MN - MO	SA-302 GR. B*
2	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV
3	CLOSURE HEAD			
	FLANGE	FORGED	ALLOY STL	A-508 - 64

\*NICKEL MODIFIED TO SA-533 GR B CLASS 1

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

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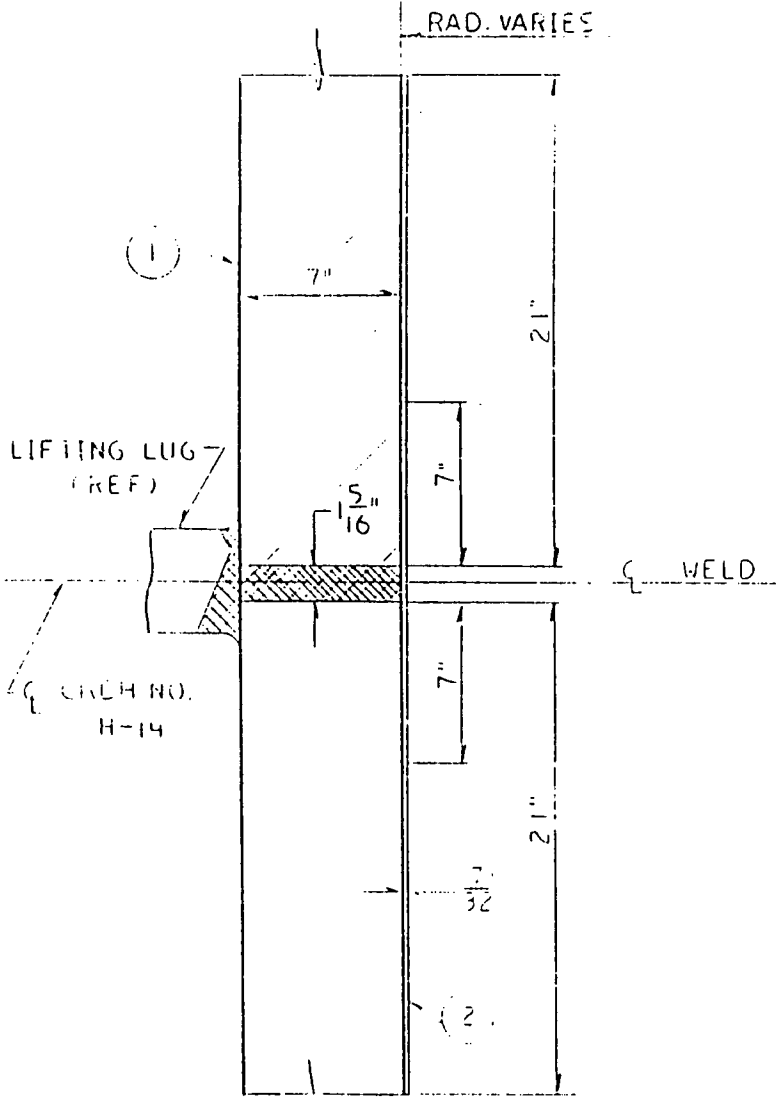
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 SCALE 1/2" = 1'-0" J.O. 7076-00-1

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 DWG. NO. **D 207742-0**  
 RECORDED 11/21/78

DWG. NO. **D 207743**

STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REACTOR VESSEL  
REF DWGS. A206513  
QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CLOSURE HD PEEL SEGMENT	PLATE	MN-MO	SA-302-GRB*
2	CLADDING	WELD DPST	STA-STL	TYPE 304EQUIV

\* NICKEL MODIFIED TO SA-593 GR B CLASS 1

CALIBRATION BLOCK NO. \_\_\_\_\_

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ACCESS RESTRICTIONS \_\_\_\_\_

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INSULATION DETS. \_\_\_\_\_

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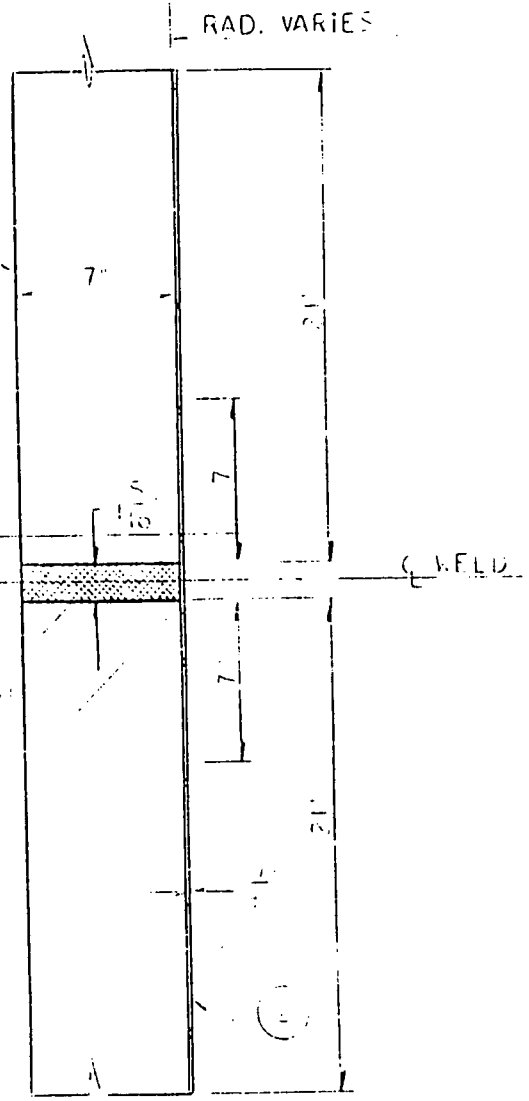
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SCALE 2" = 1'-0" Jo. 7076-00-1

APPROVALS  
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DWG. NO. **D 207743-0**  
RECORDED

STATION - INDIAN POINT NO. 2



COMPONENT/LINE NO. REACTOR VESSEL REF DWGS. A206913 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CLOSURE HD			
	FEEL SEGMENT	PLATE	MN-MO	SA-302 GR B*
2	CLADDING	WELD DPST	STA STL	TYPE 304EQUIM

\* NICKEL MODIFIED TO SA-533 GR B CLASS 1

CALIBRATION BLOCK NO. \_\_\_\_\_

FABRICATION SPEC. \_\_\_\_\_

FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_

SURFACE COATING \_\_\_\_\_

SURFACE FINISH \_\_\_\_\_

CROWN CONDITION \_\_\_\_\_

SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_

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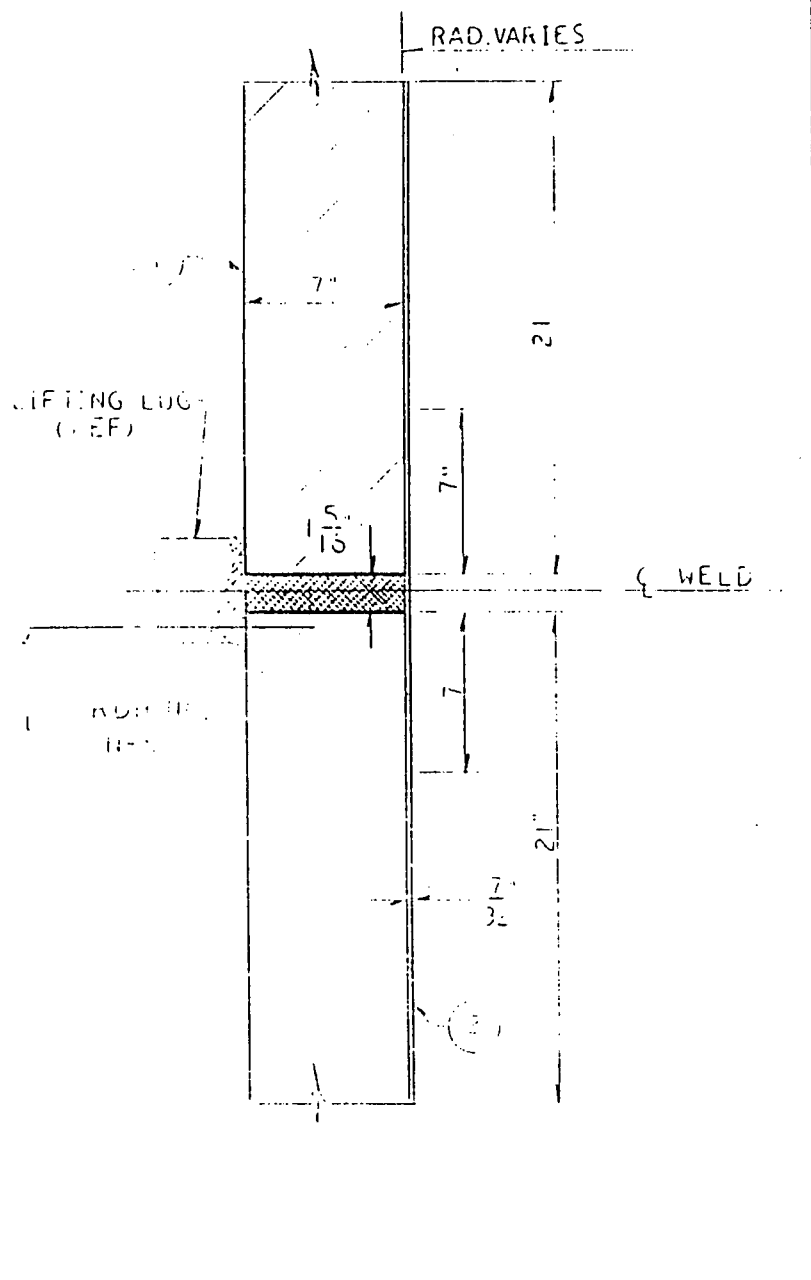
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CONSOLIDATED EDISON CO. OF N. Y., INC.

DWG. NO. **D 207744-0**

RECORDED 1/1

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207745**



COMPONENT/LINE NO. \_\_\_\_\_ REACTOR \_\_\_\_\_ VESSEL \_\_\_\_\_  
 REF. DWGS. A 206913 \_\_\_\_\_ QUALITY GROUP A \_\_\_\_\_

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG. /WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CLOSURE HD			
	PEEL SEGMENT	PLATE	MN-MO	SA-302 GR B *
2	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV

\* NICKEL MODIFIED TO SA-533 GR B CLASS 1

CALIBRATION BLOCK NO. \_\_\_\_\_  
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 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
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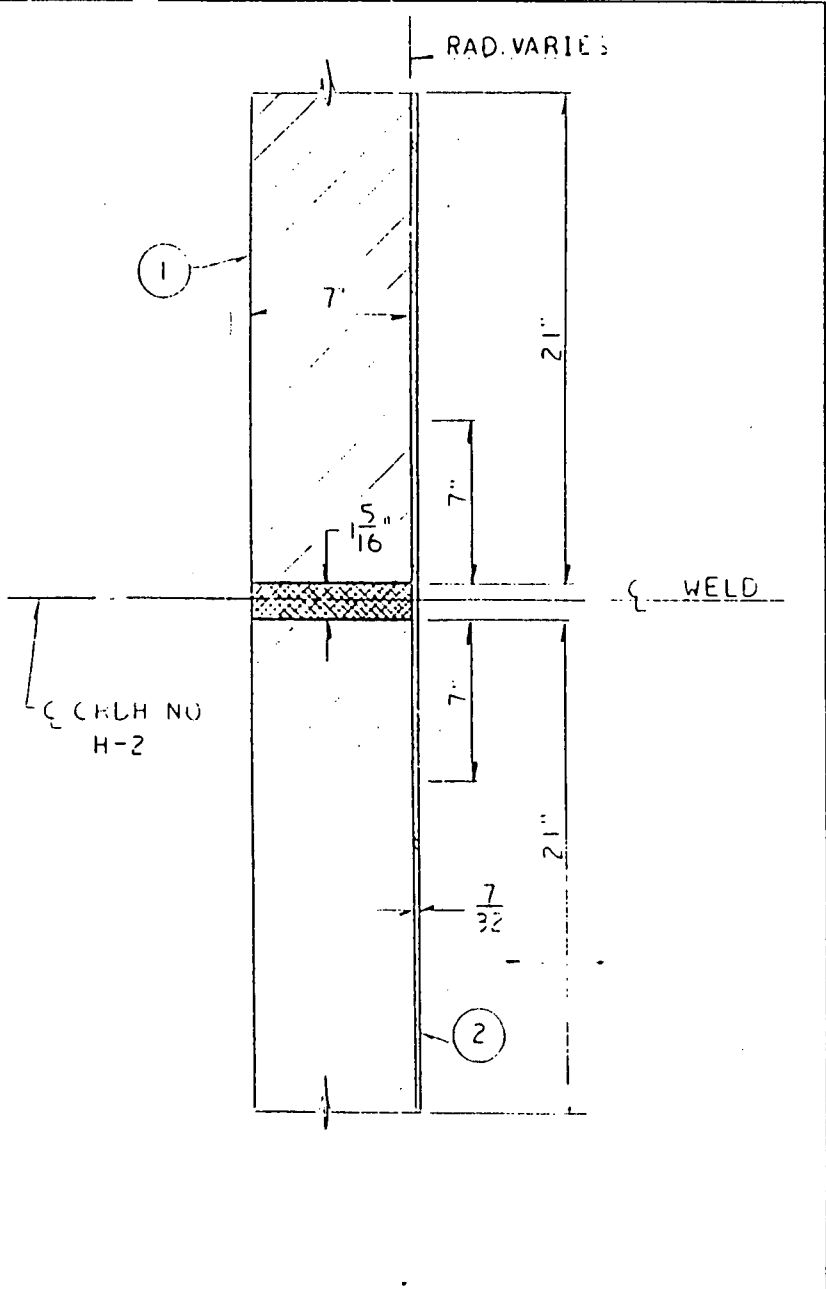
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 WELD NO. KVHM-3  
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CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207745-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG. NO. **D 207746**



COMPONENT/LINE NO. REACTOR VESSEL  
 REF. DWGS. A206913  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CLOSURE HD			
	PEEL SEGMENT	PLATE	MN-MO	SA 302 GR B *
2	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV

\* NICKEL MODIFIED TO SA-533 GR B CLASS 1

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
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 OR INSTALLATION**

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 SCALE 2" = 1'-0" Jo 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D 207746-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207747**

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CLOSURE HD PEEL SEGMENT	PLATE	MN-MO	SA 302 GR B *
2	CLADDING	WELD DPST	STA STL	TYPE 304EQUIV

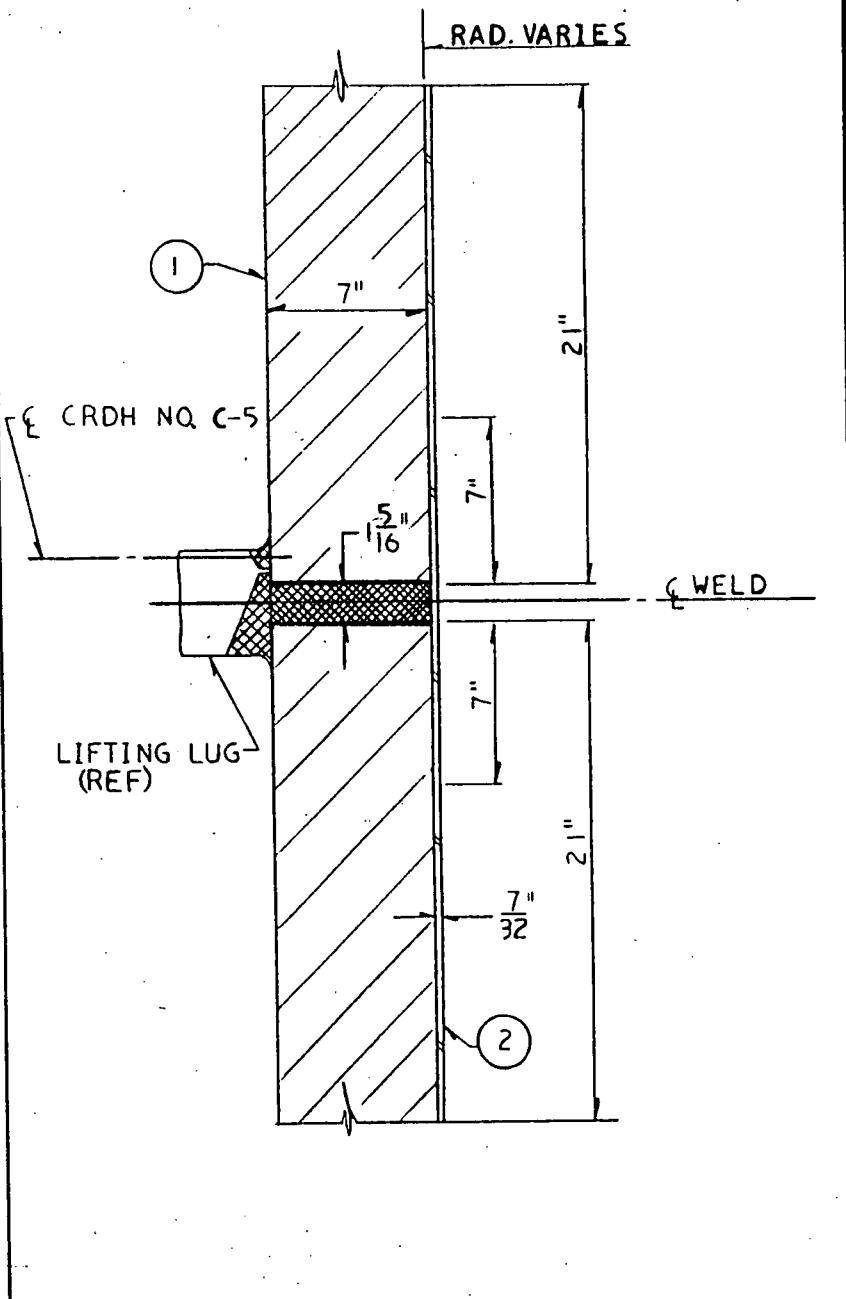
\* NICKEL MODIFIED TO SA-533 GR B CLASS I

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION  
 OR INSTALLATION**



COMPONENT/LINE NO. REACTOR VESSEL  
 REF. DWGS. A206913  
 QUALITY GROUP A

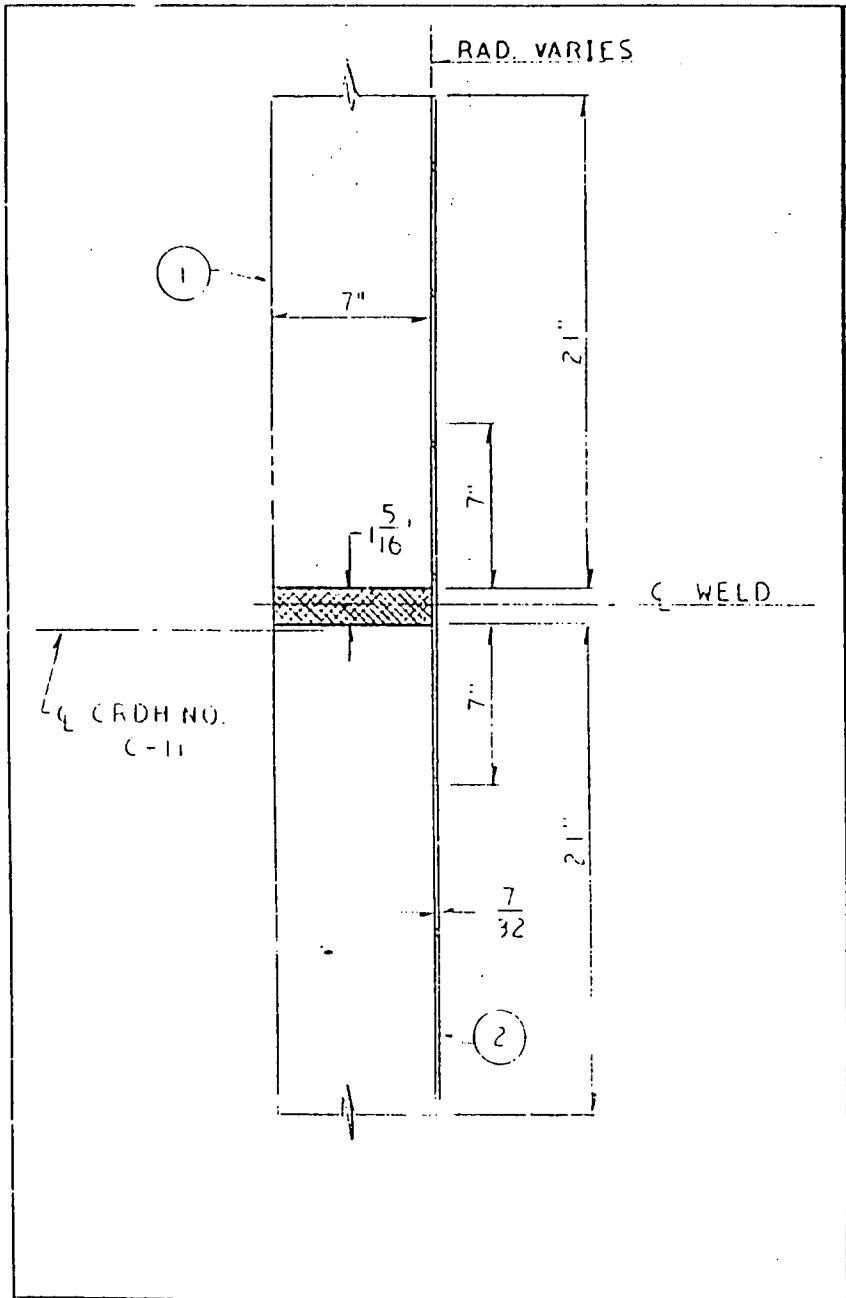
REVISIONS  
 THIS ISSUE IS NON-CLASS "A" PER CI 240-1. RELEASE FOR RECORD. P.N. 7076 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RVHM-5  
 DRAWN BY PD CHECKED NICHOLS  
 SCALE 2" = 1'-0" J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. [Signature] 11/21/78  
 ENG. [Signature] 11/21/78  
 ENG. [Signature]

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207747-0**  
 RECORDED 11/21/78

DWG. NO. **D207748**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REACTOR VESSEL

REF. DWGS. A206913

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CLOSURE HD PEEL SEGMENT	PLATE	MN-MO	SA 302GR. B*
2	CLADDING	WELD DPST	STA STL	TYPE 304EQUIV

‡ NICKEL MODIFIED TO SA-537 GR B CLASS I

CALIBRATION BLOCK NO. \_\_\_\_\_

FABRICATION SPEC. \_\_\_\_\_

FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_

SURFACE COATING \_\_\_\_\_

SURFACE FINISH \_\_\_\_\_

CROWN CONDITION \_\_\_\_\_

SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_

WELD MARKINGS \_\_\_\_\_

SCAFFOLDING REQTS. \_\_\_\_\_

INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @ X FT.    DATE


COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION OR INSTALLATION**

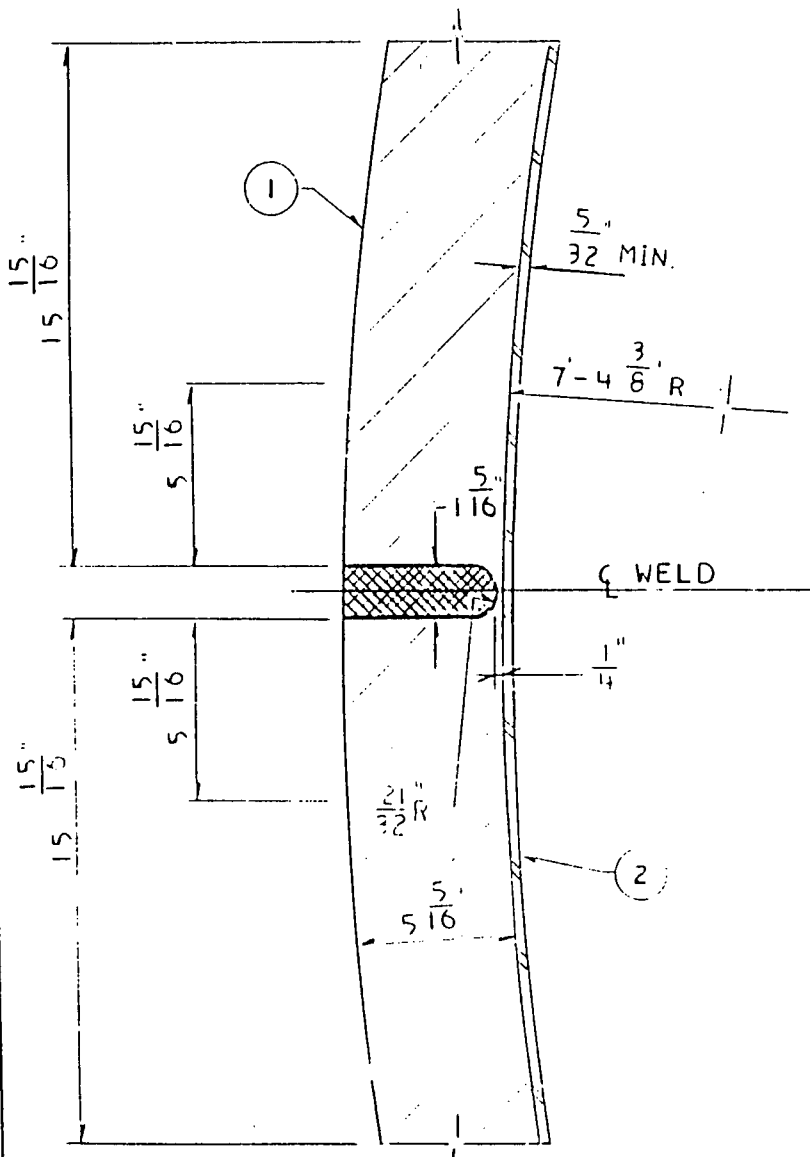
REVISIONS  
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RVHM-6  
 DRAWN BY PD    CHECKED NICHOL  
 SCALE 2" = 1'-0" J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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 ENG.

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207748-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207753**



COMPONENT/LINE NO. REACTOR VESSEL REF. DWGS. A 206913 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	BOTTOM HEAD	ROLLED R	MN - MO	SA 302 B *
2	CLADDING	WELD DPST	ST. STL.	TYPE 304 EQUIV.

\* NICKEL MODIFIED TO SA-533 GRB CLASS 1

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

RECORDS MANAGED BY  
 FOR EPOCH ENERGY  
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EXPOSURE LEVELS	mr ON CONTACT	DATE	mr e X FT.	DATE

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION  
 OR INSTALLATION**

REVISIONS  
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 5 NON-CASE  
 "A" PER  
 C: 240-11  
 RELEASE  
 FOR RECORD  
 P.N. 7076  
 11-2-76

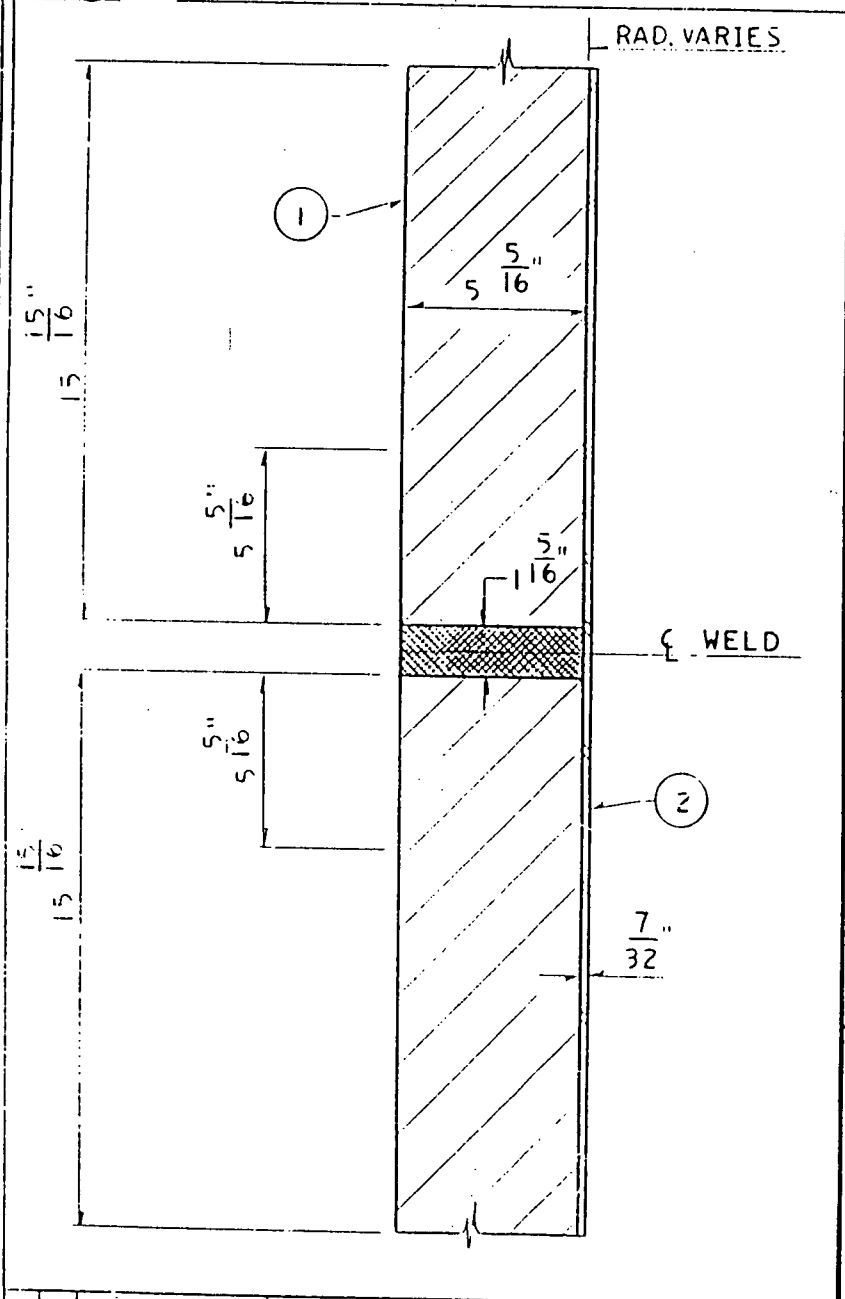
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVC - 5  
 DRAWN BY PD CHECKED ANGLUSHI'S  
 SCALE 3" = 1'-0" J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207753-0**  
 RECORDED 111



DWG. NO. **D207762**  
 STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REACTOR VESSEL  
 REF. DWGS. A206913  
 QUALITY GROUP A

MATERIALS				
NO.	PRODUCT FORM (CONFIGURATION)	MFG. /WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	BOTT HD ASSY			
	SIDE SEGMENT	PLATE	MN MO	SA 302 GR B*
2	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV

\*NICKEL MODIFIED TO SA-533 GR B CLASS I

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION OR INSTALLATION**

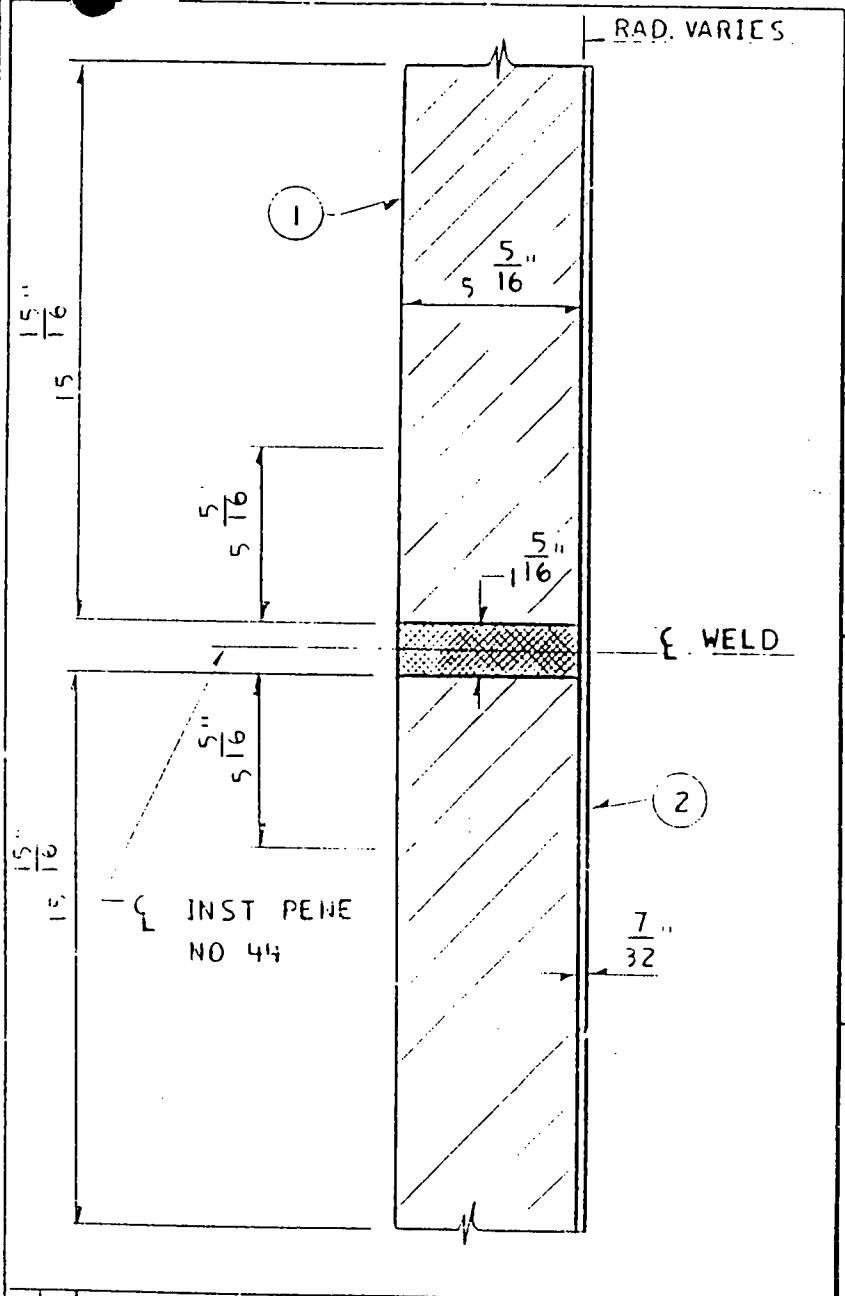
REVISIONS  
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 RELEASE FOR RECORD P.N. 7076 11-3-76

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVM-1  
 DRAWN BY JS CHECKED NICHOLS  
 SCALE 3" = 1'-0" J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207762-0**  
 RECORDED

DWG. NO. **D207763**  
 STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REACTOR VESSEL REF. DWGS. A206913 QUALITY GROUP A

MATERIALS				
NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	BOTT HD ASSY			
	SIDE SEGMENT	PLATE	MN-MO	SA 302 GR B*
2	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV
* NICKEL MODIFIED TO SA-533 GR B CLASS 1				
CALIBRATION BLOCK NO. _____				
FABRICATION SPEC. _____				
FABRICATION CODE _____ CLASS _____ EDITION _____ ADDENDA _____				
SURFACE COATING _____				
SURFACE FINISH _____				
CROWN CONDITION _____				
SCANNING LIMITATIONS _____				
ACCESS RESTRICTIONS _____				
WELD MARKINGS _____				
SCAFFOLDING REQMS. _____				
INSULATION DETS. _____				
EXPOSURE LEVELS				
	mr ON CONTACT	DATE	mr @ X FT.	DATE
COMMENTS _____				

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REVISIONS

1 THIS ISSUE IS NON-CUMULATIVE PER A PER 01 240-11 RELEASE FOR RECORD P.N. 7076 11-5-78

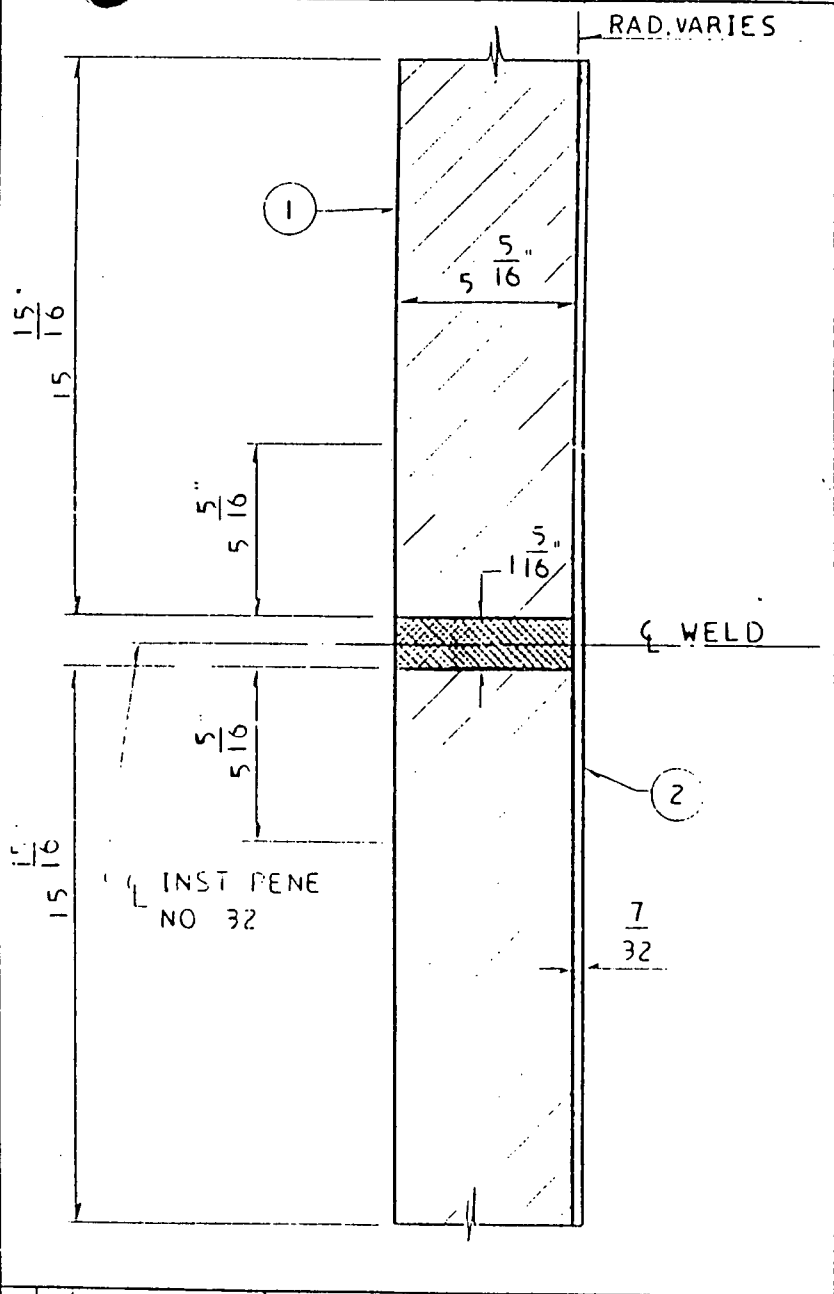
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVM-2  
 DRAWN BY JS CHECKED NICHOLS  
 SCALE 3" = 1'-0" J.O. 7076-00-1

APPROVALS

CHIEF DESIGN ENG.  
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 ENG.

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207763-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207764**



COMPONENT/LINE NO. REACTOR VESSEL  
 REF. DWGS. A206913  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	BOTT HD ASSY			
	SIDE SEGMENT	PLATE	MN-MO	SA 302 GR B*
2	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV

\* NICKEL MODIFIED TO SA-533 GR B CLASS I

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X.FT.	DATE
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION  
 OR INSTALLATION**

REVISIONS	DATE	BY	DESCRIPTION
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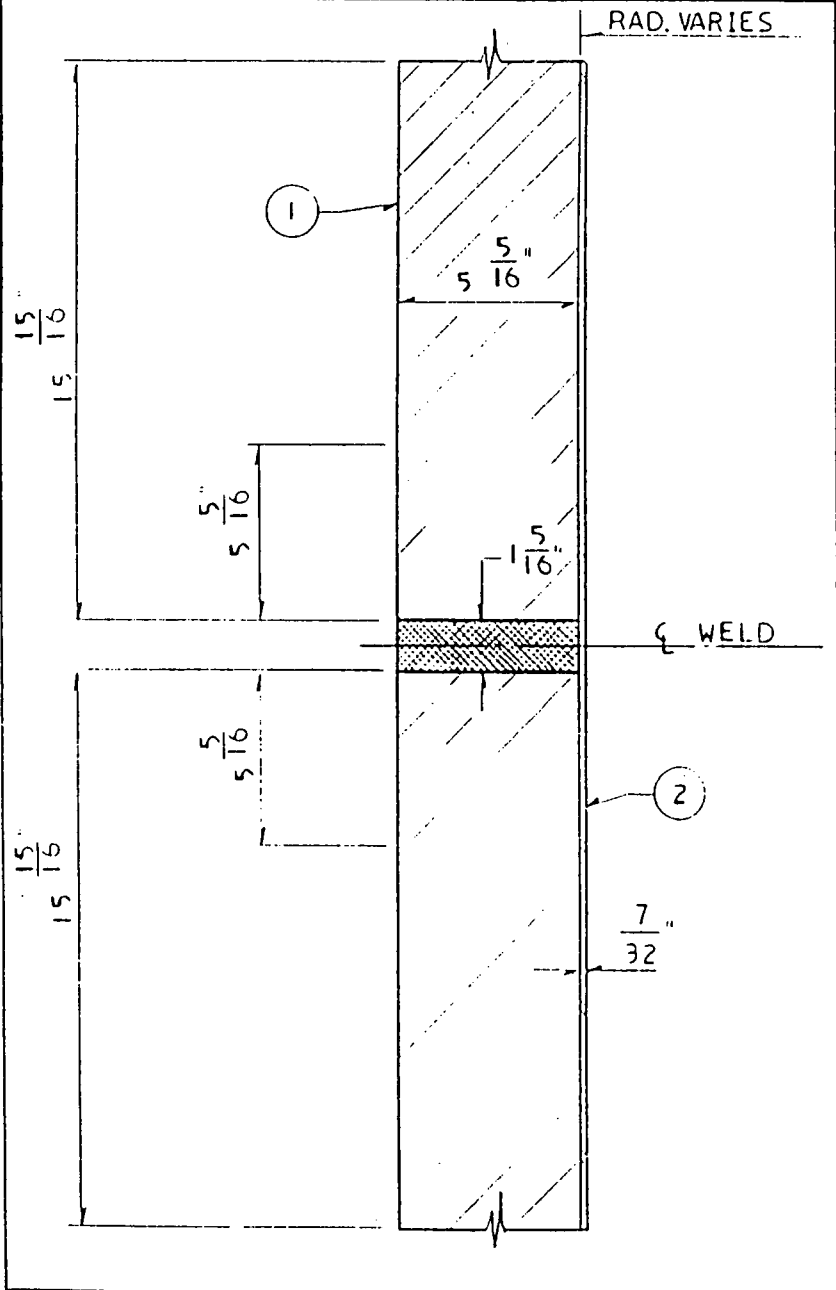
THIS DRAWING IS NON-COMMERCIAL IN CHARACTER. IT IS TO BE USED FOR RECORD PURPOSES ONLY. FOR RECORDS P.N. 7076-1-1-76

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVM - 3  
 DRAWN BY PD CHECKED TICH  
 SCALE 3" = 1'-0" J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207764-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG NO. **D207765**



COMPONENT/LINE NO. REACTOR VESSEL  
 REF. DWGS. A 206913  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	BOTT HD ASSY			
	SIDE SEGMENT	PLATE	MN-MQ	SA 302 GR B *
2	CLADDING	WELD DPST	STA STL	TYPE 304EQUIV

\* NICKEL MODIFIED TO SA-533 GR B CLASS 1

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION OR INSTALLATION**

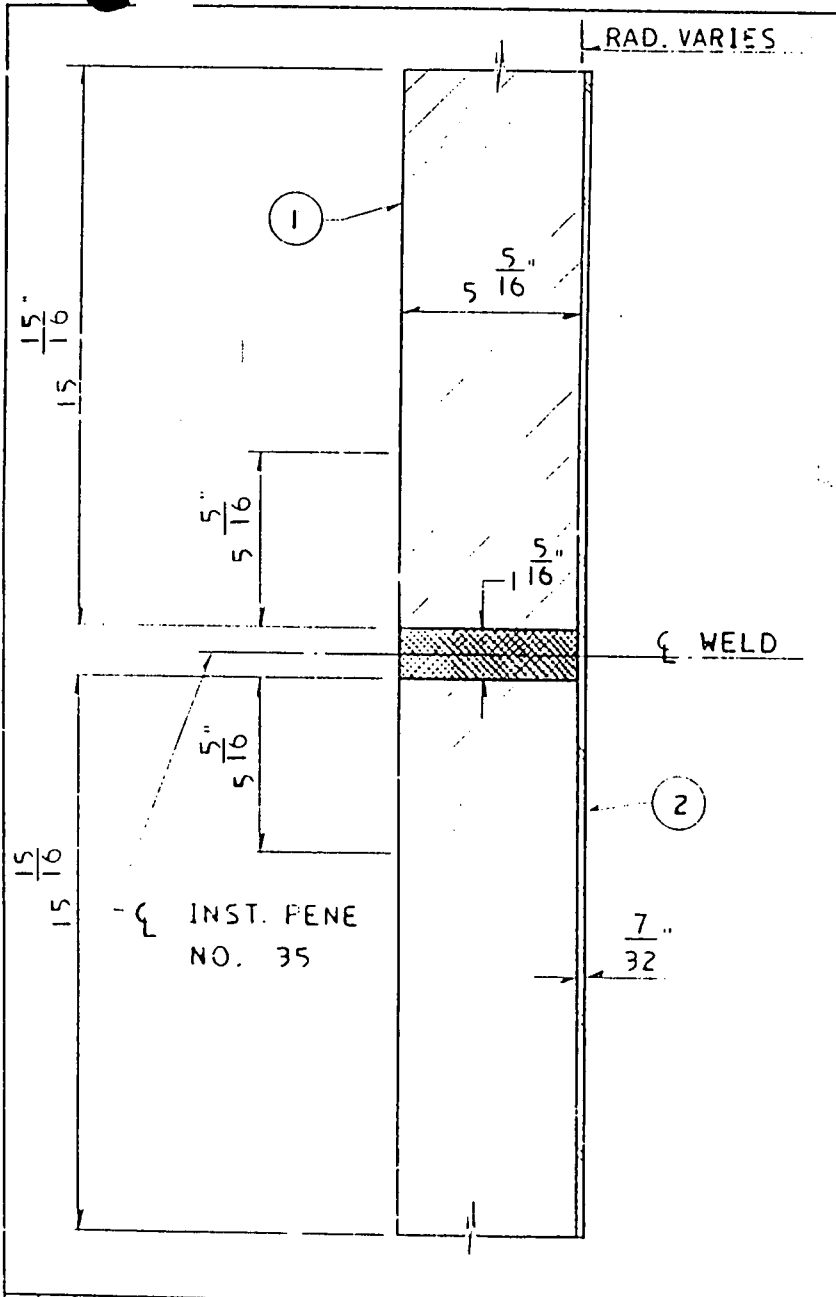
REVISIONS  
 THIS ISSUE IS NON-CLASSIFIED PER 10 CFR 11.340...  
 RELEASE FOR RECORD  
 P.N. 7076  
 11-3-76

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVM-4  
 DRAWN BY PD CHECKED [Signature]  
 SCALE 3" = 1'-0" J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207765-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207766**



COMPONENT/LINE NO. REACTOR VESSEL  
 REF. DWGS. A206913  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	BOTT HD ASSY			
	SIDE SEGMENT	PLATE	MN-MO	SA 302 GR B *
2	CLADDING	WELD CPST	STA STL	TYPE 304EQUIV

\* NICKEL MODIFIED TO SA 533 GR B CLASS 1

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

RECORDS MANAGED BY  
 NOT FOR FABRICATION  
 THIS RECORD WILL BE  
 MAINTAINED

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION  
 OR INSTALLATION**

REVISIONS

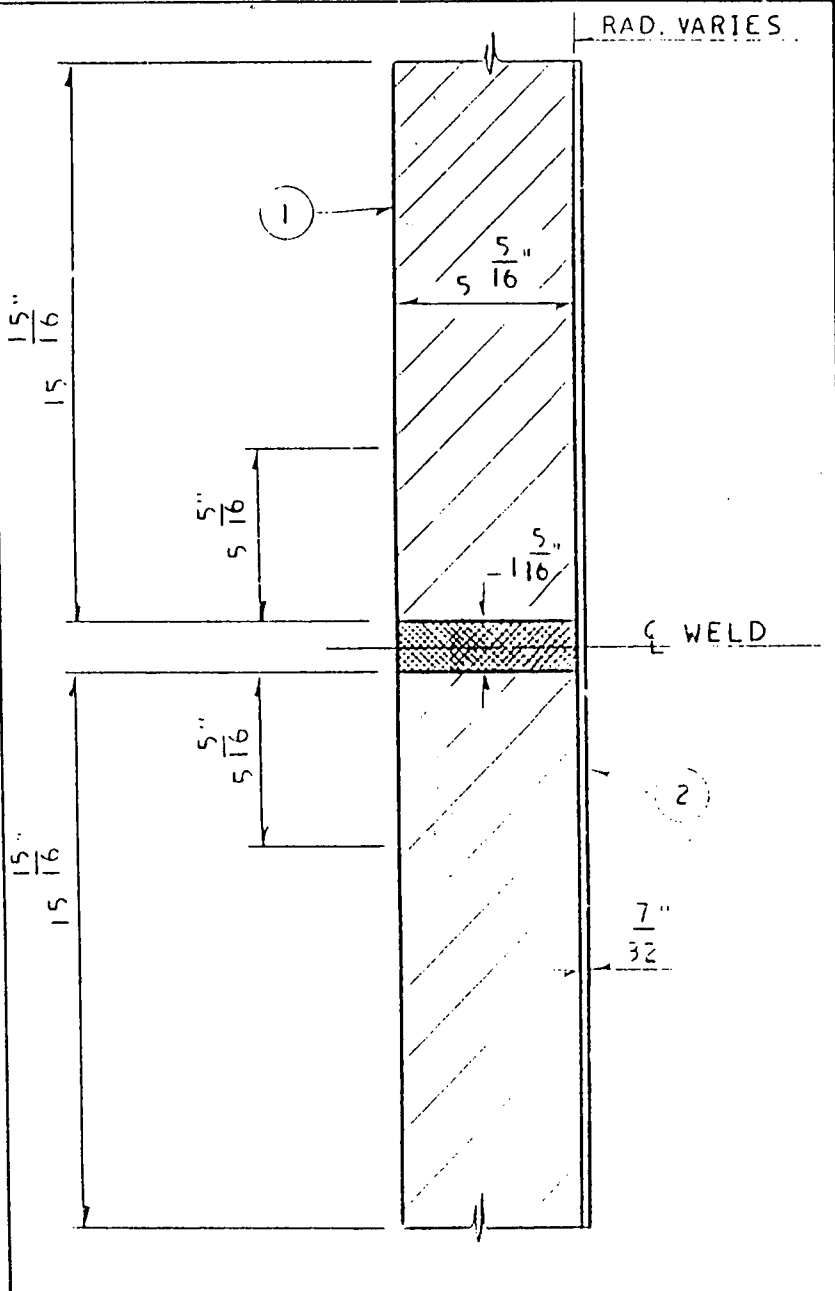
NO.	DATE	DESCRIPTION
1	11-3-78	RELEASE RECORDS ENR 7076 CI 240-1 APPROVAL MANUFACTURING

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVM-5  
 DRAWN BY PD CHECKED J.O. 7076-00-1  
 SCALE 3" = 1'-0"

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207766-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207767**



COMPONENT/LINE NO. REACTOR VESSEL REF. DWGS. A206913 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	BOTT HD ASSY			
	SIDE SEGMENT	PLATE	MN-MO	SA 302 GR B *
2	CLADDING	WELD DPST	STA STL	TYPE 304EQUIV

\* NICKEL MODIFIED TO SA-533 GR B CLASS I

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDEND. \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION OR INSTALLATION**

REVISIONS  
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 THIS ISSUE IS NON-CLASSIFIED PER AEP 240. RELEASE FOR RECORD EN 7076 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVM - 6  
 DRAWN BY JS CHECKED NICHOLE  
 SCALE 3" = 1'-0" J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. or N. Y., INC.  
 DWG. NO. **D207767-0**  
 RECORDED

**RELIEF REQUEST NUMBER 7**  
(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 1  
References: Table IWB-2500-1, Category B-B, Figure IWB-2500-1 and 2  
Examination Category: B-B  
Item Number: B2.11, B2.12  
Description: Inspection of Pressurizer Upper Shell-To-Head Circumferential and Longitudinal Welds  
Component Numbers: PZRC-5 and PZRL-4  
Reference Drawings: A206918

**CODE REQUIREMENT**

Table IWB-2500-1 Category B-B, Note 4 requires the volumetric examination coverage stipulated by Figures IWB-2500-1 and 2 be performed on 100% of the Code Class 1 circumferential welds and the adjoining 1 foot section of the longitudinal welds.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(g)(5)(iii) and (g)(6)(i), relief is requested on the basis that compliance with the Code requirement is impractical.

The pressurizer was designed and fabricated to Codes in effect during the late 1960's. The Codes used did not provide for full access for inservice inspection as required by later Codes.

The upper circumferential (PZRC-5) and longitudinal (PZRL-4) welds are enclosed in a biological and missile shield and are therefore completely inaccessible for volumetric examination.

**PROPOSED ALTERNATE EXAMINATION**

Examination of accessible portions of the shell-to-bottom head circumferential and longitudinal welds (PZRC-1 and PZRL-4) will be performed as required by IWB-2500. The welds will be visually examined (VT-2) during each refueling outage for evidence of leakage during system pressure tests performed in accordance with IWB-2500, Category B-P, and Code Case N-498.

It is expected that any through wall defects would be detected by this examination prior to the failure of the pressurizer based on the expectation that the component will experience leakage before a catastrophic failure ("leak before break").

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**RELIEF REQUEST NUMBER 7**  
(Page 2 of 2)

**JUSTIFICATION FOR RELIEF**

The level of inspections proposed for the third interval has been in effect for the first two inspection intervals. Based on the reliable operating history of this and similar vessels at other plants and the performance of VT-2 examinations for leakage, granting of this relief request will not decrease the overall level of quality and safety of this component.



**RELIEF REQUEST NUMBER 8**  
(Page 1 of 3)

**COMPONENT IDENTIFICATION**

Code Class: 1  
References: IWB-2500, Table IWB-2500-1  
Examination Category: B-B, B-D  
Item Number: B2.51, B2.80, B3.150, B3.160  
Description: Inspection of Regenerative Heat Exchanger Circumferential Welds, Tubesheet-To-Shell Welds, Nozzle-To-Vessel Welds and Nozzle Inside Radius Sections  
Component Numbers: See Table, Page 2

**CODE REQUIREMENT**

Table IWB-2500-1, Category B-B, requires a volumetric examination be performed on the Regenerative Heat Exchanger tubesheet-to-shell welds. Category B-D requires volumetric examination of the nozzle-to-vessel welds and nozzle inside radius sections.

**Specific Code Requirement From Which Relief Is Sought**  
Table IWB-2500-1:

Item No. B2.51 - Examination of 100% of weld length  
Item No. B2.80 - Examination of 100% of weld length  
Item No. B3.150 - Examination of all nozzles  
Item No. B3.160 - Examination of all nozzles

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(g)(5)(iii) and (g)(6)(i), relief is requested on the basis that compliance with the code requirement is impractical.

The regenerative heat exchanger was designed and fabricated to Codes in effect during the late 1960's. These Codes did not require that there be full access for inservice inspection, as was required by later Codes.

The tubesheet-to-shell welds and the nozzle-to-shell welds UT scan paths are limited by the proximity of these welds to each other. The access to the nozzle-to-vessel welds is further limited by the weld (set-on) configuration.

**PROPOSED ALTERNATE EXAMINATION**

All subject welds will be UT examined to the extent possible. The estimated examination coverage is provided in the table on page 2.

In addition, all component parts and welds associated with the regenerative heat exchanger will be visually examined during hydrostatic testing as required by IWB-2500, category B-P, and in accordance with Code Case N-498. It is expected that any through wall defects would be detected by the proposed alternate examination prior to failure of the heat exchanger based on the expectation that the component will experience leakage before a catastrophic failure ("leak before break").

**RELIEF REQUEST NUMBER 8**  
(Page 2 of 3)

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru July 1, 2004.

**JUSTIFICATION FOR THE GRANTING OF RELIEF**

The level of inspections proposed for the third interval has been in effect for the first two inspection intervals. The history of reliable operation by this and similar components at other plants combined with the partial UT examinations and visual examinations (VT-2) during pressure testing will be sufficient to assure an acceptable level of quality and safety is maintained.

**COMPONENT NUMBERS**

**REGENERATIVE HEAT EXCHANGER**

Drawing No.: B206921

**Circumferential Head Welds (Item No. B2.51) \***

**50% AVAILABLE**

RGXC 1-1 (D207858)  
RGXC 2-1 (D207866)  
RGXC 3-1 (D207874)

**75% AVAILABLE**

RGXC 1-4 (D207861)  
RGXC 2-4 (D207869)  
RGXC 3-4 (D207877)

\* Note that there is no category for heat exchanger head-to-shell welds. Category B2.51 is for circumferential head welds, which is further confirmed by reference to figure IWB-2500-20. This is the same item number used during the 2nd interval for this weld.

**Tubesheet-to-Shell Welds (Item No. B2.80)**

**50% AVAILABLE**

RGXC 1-2 (D207859)  
RGXC 2-2 (D207867)  
RGXC 3-2 (D207875)

**75% AVAILABLE**

RGXC 1-3 (D207860)  
RGXC 2-3 (D207868)  
RGXC 3-3 (D207876)

**RELIEF REQUEST NUMBER 8**  
(Page 3 of 3)

**Nozzle-to-Vessel Welds (Item No. B3.150)**

**50% AVAILABLE**

RGXN 1-1 (D207862)  
RGXN 1-2 (D207863)  
RGXN 2-1 (D207870)  
RGXN 2-2 (D207871)  
RGXN 3-1 (D207878)  
RGXN 3-2 (D207879)

**75% AVAILABLE**

RGXN 1-3 (D207864)  
RGXN 1-4 (D207865)  
RGXN 2-3 (D207872)  
RGXN 2-4 (D207873)  
RGXN 3-3 (D207880)  
RGXN 3-4 (D207881)

**Nozzle Inside Radius Sections (Item No. B3.160)**

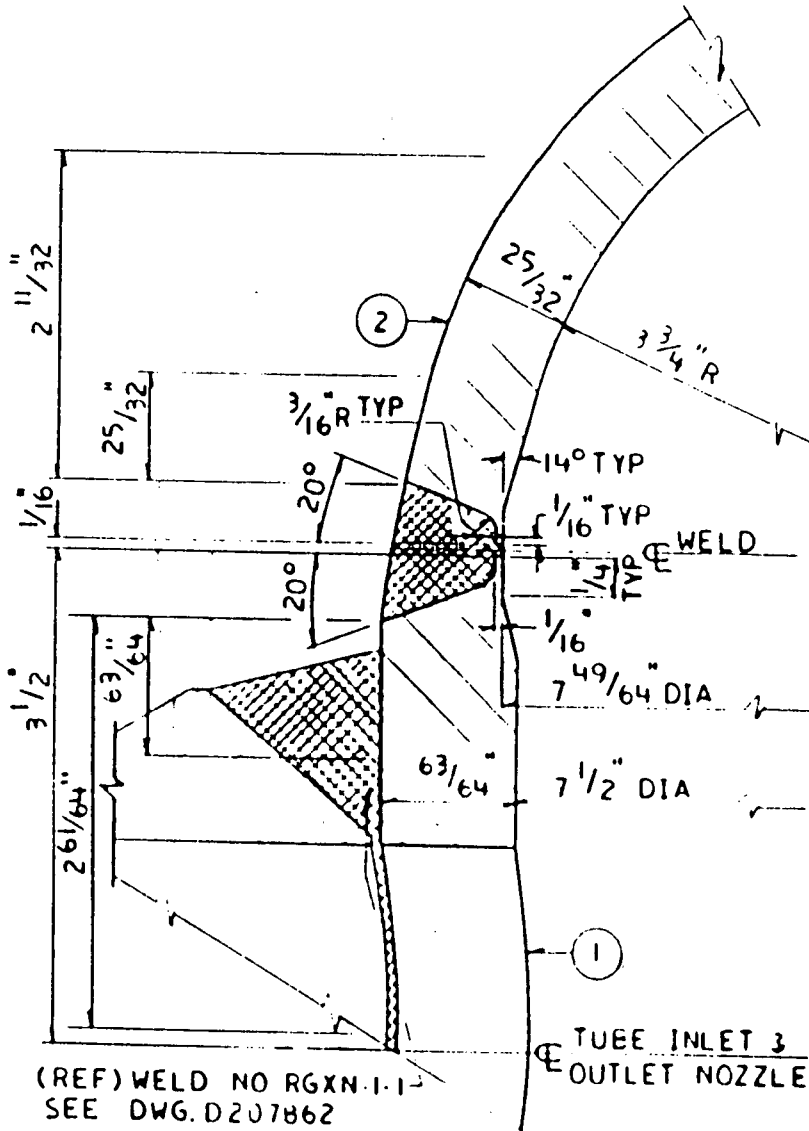
**50% AVAILABLE**

RGXN 1-1 (D207862)  
RGXN 1-2 (D207863)  
RGXN 2-1 (D207870)  
RGXN 2-2 (D207871)  
RGXN 3-1 (D207878)  
RGXN 3-2 (D207879)

**75% AVAILABLE**

RGXN 1-3 (D207864)  
RGXN 1-4 (D207865)  
RGXN 2-3 (D207872)  
RGXN 2-4 (D207873)  
RGXN 3-3 (D207880)  
RGXN 3-4 (D207881)

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207858**



(REF) WELD NO. RGXN-1-1  
 SEE DWG. D207862  
 (REF) WELD NO. RGXN-1-2  
 SEE DWG. D207863

TUBE INLET &  
 OUTLET NOZZLE

COMPONENT/LINE NO. REGEN. HEAT EXCH NO 21  
 REF. DWGS. A206921  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S.	
2	CAP END	CASTING	T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_  
 ISSUED BY THE \_\_\_\_\_ CENTER  
 NOT FOR FABRICATION OR INSTALLATION  
 THIS RECORD VALID ONLY UNTIL \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_

INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS mr ON CONTACT DATE mr @ X FT. DATE  
 \_\_\_\_\_  
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 COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION  
 OR INSTALLATION**

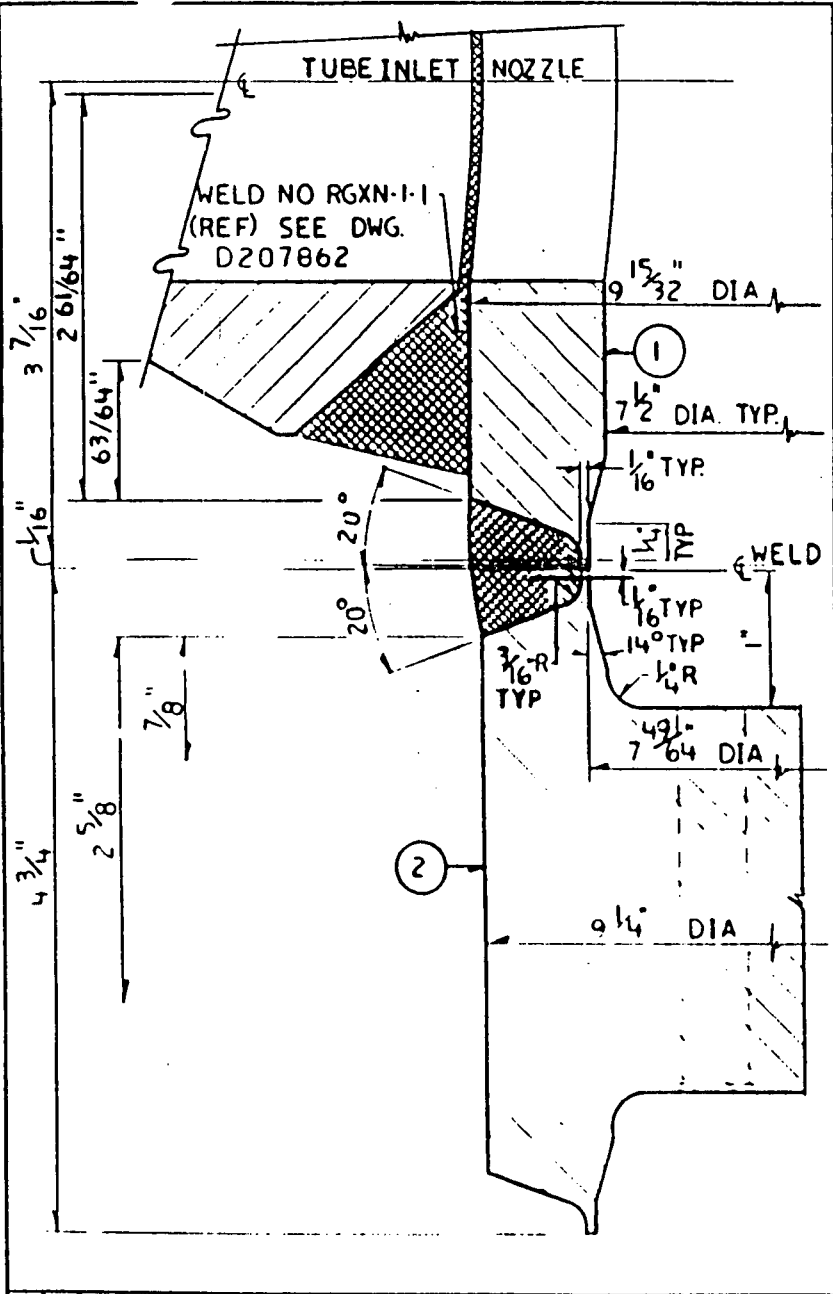
REVISIONS  
 THIS ISSUE  
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 RELEASE  
 FOR RECORD  
 PN. 7076  
 1-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-1-1  
 DRAWN BY W.A. CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207858-0**  
 RECORDED 11/21/78

DWG. NO. **D207859**  
 STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REGEN. HEAT EXCH. NO 21

REF DWGS. A206921

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S.	
2	TUBE SHEET		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_

ISSUED BY THE  
 RECORDS MANAGEMENT CENTER  
 NOT FOR FABRICATION OR INSTALLATION  
 THIS RECORD VALID ONLY UNTIL

WELD MARKINGS JAN 11 1994  
 SCAFFOLDING REQTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ <u>X</u> FT.	DATE

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION OR INSTALLATION**

REVISIONS  
 THIS ISSUE IS NON-CLASSIFIED PER CI 260-1. RELEASE FOR RECORD P.N. 7076 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-1-2  
 DRAWN BY W A CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. \_\_\_\_\_  
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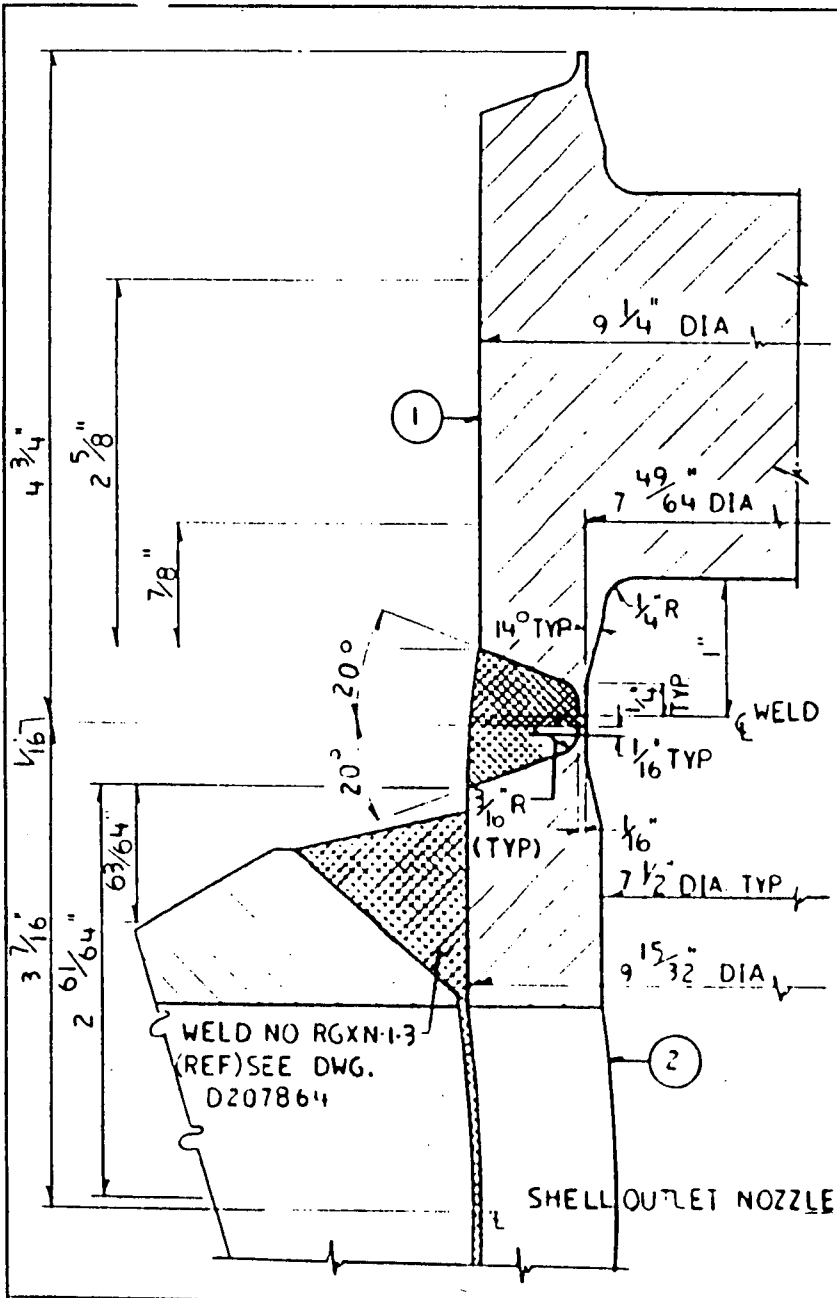
CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207859-0**  
 RECORDED 11/21/78

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912 17

DWG. NO. **D207860**

STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21

REF. DWGS. A 206921

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	TUBE SHEET		T-304 S.S.	
2	CHANNEL SHELL		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_

FABRICATION SPEC. \_\_\_\_\_

FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_

SURFACE COATING \_\_\_\_\_

SURFACE FINISH \_\_\_\_\_

CROWN CONDITION \_\_\_\_\_

SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_

WELD MARKINGS \_\_\_\_\_

SCAFFOLDING REQMS. \_\_\_\_\_

INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS mr ON CONTACT DATE mr @ X FT. DATE

COMMENTS \_\_\_\_\_

ISSUED BY THE  
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APR 11 1994

**NOT FOR FABRICATION OR INSTALLATION**

REVISIONS

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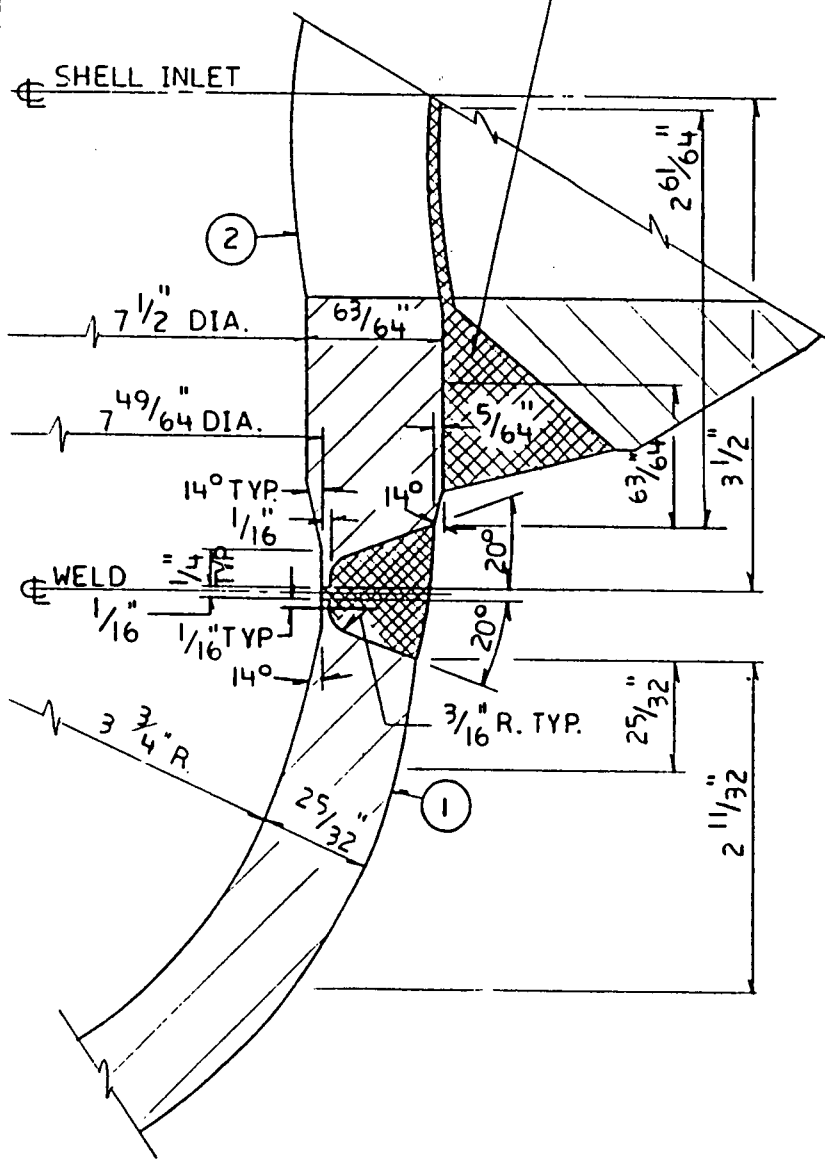
STATION - INDIAN POINT NO. 2  
WELD DETAIL FOR INSERVICE INSPECTION  
WELD NO. RGXC-1 3  
DRAWN BY WA CHECKED NICHOLS  
SCALE FULL 1.0 7076-00-1

APPROVALS  
CHIEF DESIGN ENG.  
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ENG. [Signature]

CONSOLIDATED EDISON CO. OF N. Y., INC.  
DWG. NO. **D207860-0**  
RECORDED 11/21/78

DWG. NO. **D207861**  
 STATION INDIAN POINT NO. 2

(REF) WELD NO. RGXN-1-4  
 SEE DWG. D207865



COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21  
 REF DWGS. A206921  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CAP END	CASTING	T-304 S.S.	
2	SHELL		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
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 OR INSTALLATION**

REVISIONS  
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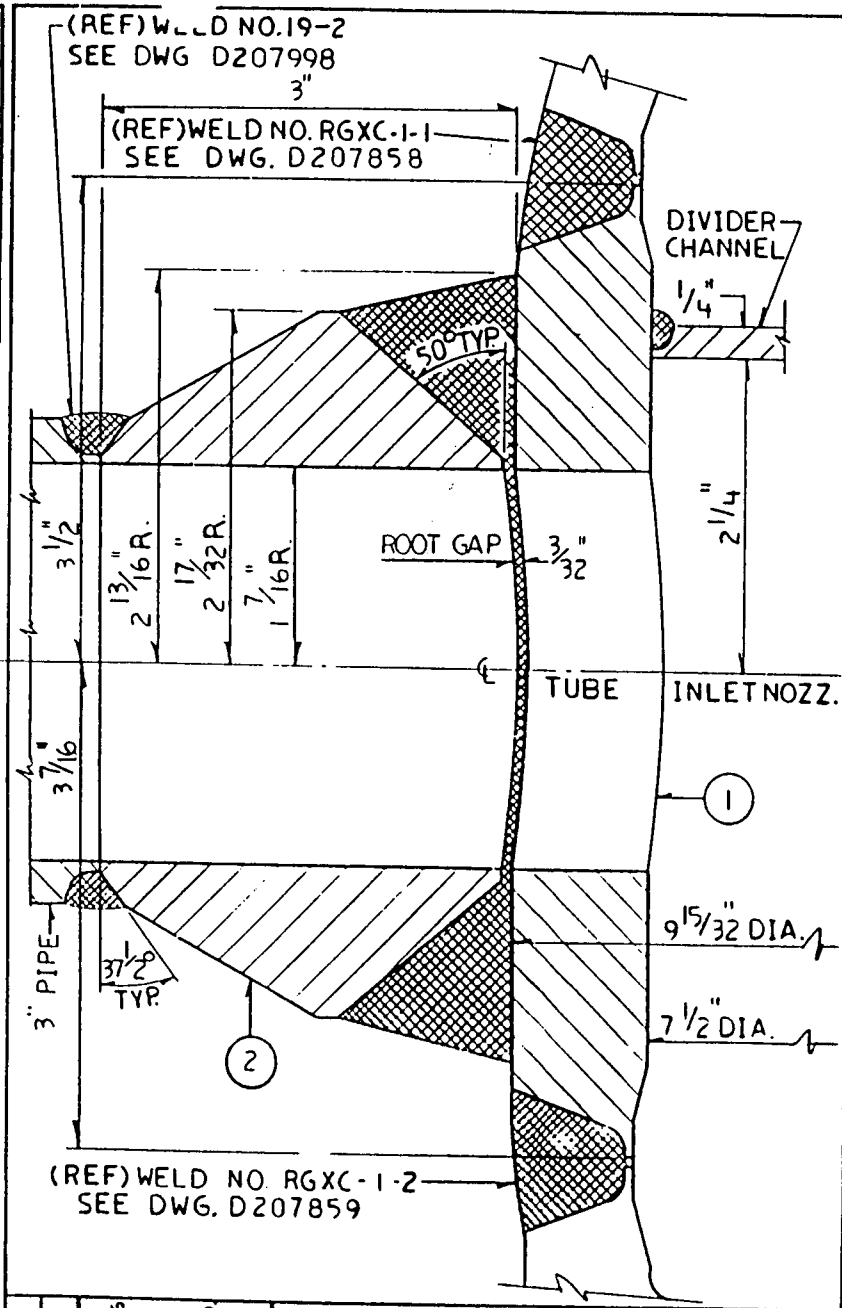
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-1-4  
 DRAWN BY W.A. CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N.Y., INC  
 DWG. NO. **D207861-0**  
 RECORDED 11/21/78

929 017 11/21/78 K

STATION INDIAN POINT NO. 2  
 DWG. NO. D207862



COMPONENT/LINE NO. REGEN. HEAT EXCH. NO 21  
 REF. DWGS. A 206921  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S.	
2	WELDOLET	CASTING	F-304 S.S.	SA-182

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @ X FT.    DATE


COMMENTS \_\_\_\_\_

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 OR INSTALLATION**

REVISIONS  
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-1-1  
 DRAWN BY W.A. CHECKED BY NICHOLS  
 SCALE FULL J.O. 7076-00-1

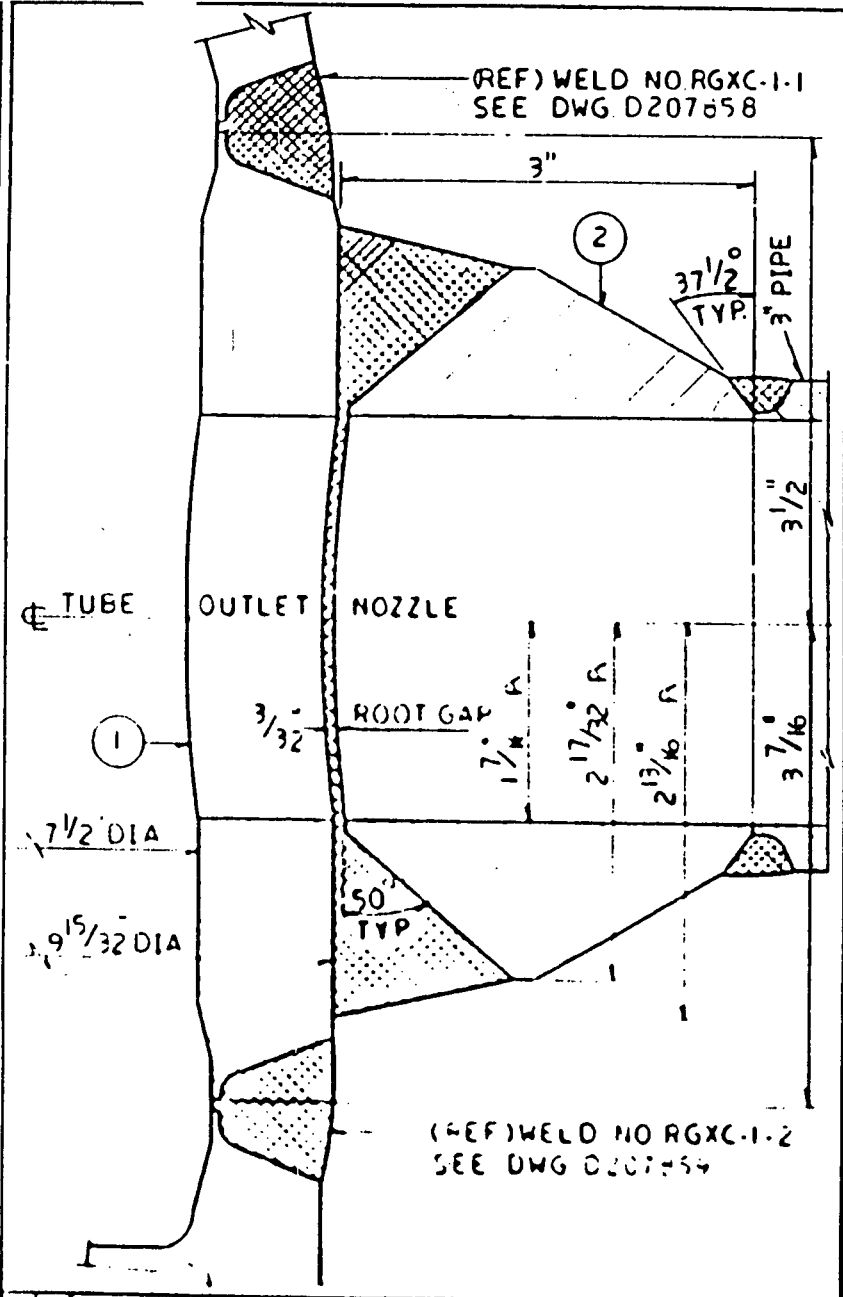
APPROVALS  
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CONSOLIDATED EDISON CO. OF N.Y. INC.  
 DWG. NO. D207862-0  
 RECORDED

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DWG. NO. **D207863**  
 STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REGEN. HEAT EXCH. NO 21  
 REF. DWGS. A206921  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S.	
2	WELDOLET	CASTING	F-304 S.S.	SA-182

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

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EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION  
 OR INSTALLATION**

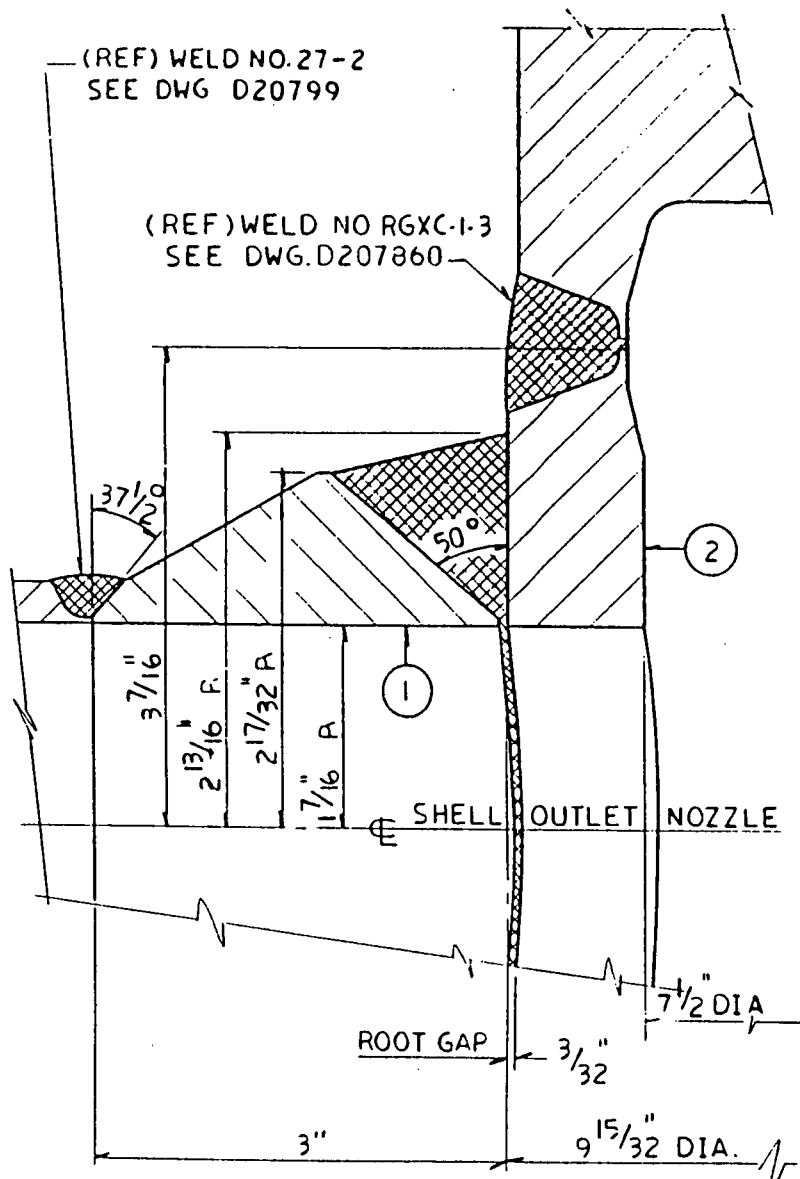
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXN-1-2  
 DRAWN BY W. A. CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. [Signature]  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207863-0**  
 RECORDED 11/21/78

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207864**



COMPONENT/LINE NO. REGEN HEAT EXCH. NO. 21  
 REF DWGS. A206921  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG / WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	WELDOLET	CASTING	F-304 SS	SA-182
2	SHELL		T-304SS	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X.FT.	DATE

COMMENTS \_\_\_\_\_  
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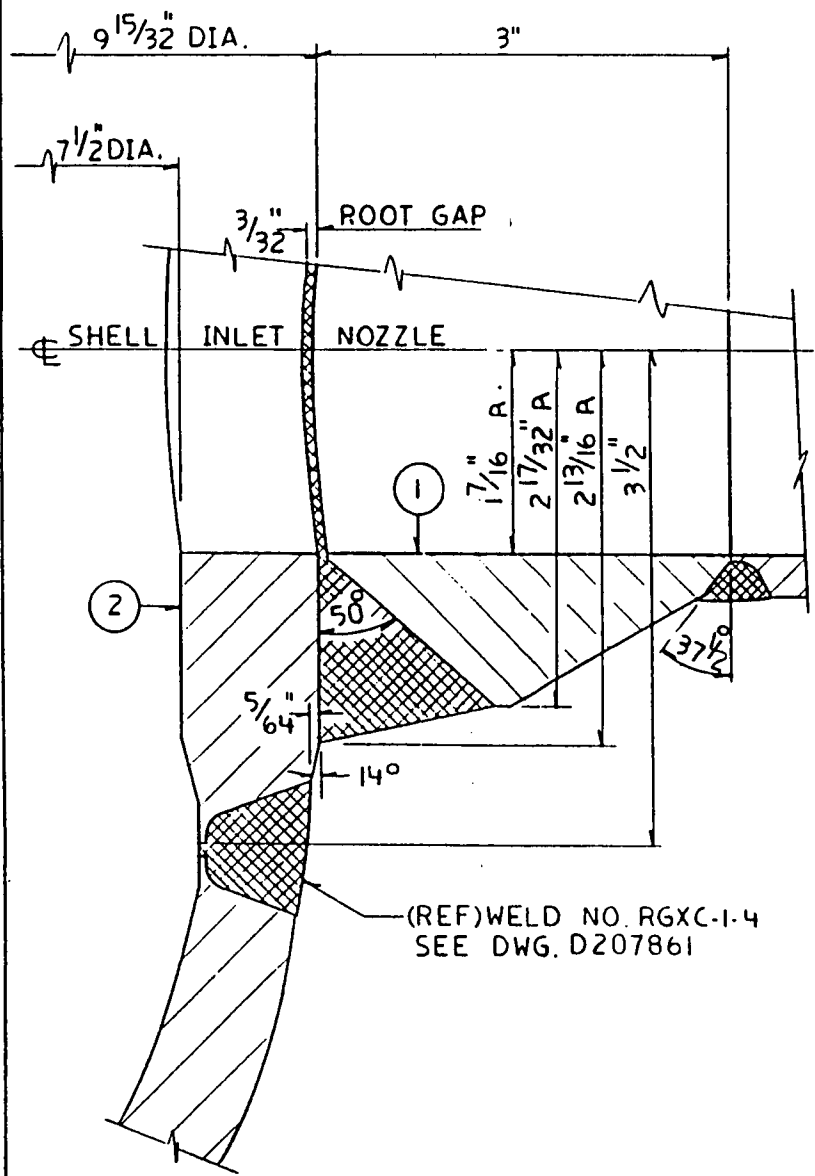
REVISIONS  
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXN-1-3  
 DRAWN BY W. A CHECKED NICHOLS  
 SCALE FULL 1:0 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO OF N Y INC  
 DWG. NO. **D207864-0**  
 RECORDED

DWG. NO. **D207865**  
STATION INDIAN POINT NO. 2



(REF) WELD NO. RGXC-1-4  
SEE DWG. D207861

COMPONENT/LINE NO. REGEN HEAT EXCH. NO. 21  
REF. DWGS. A 206921  
QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	WELDOLET	CASTING	F-304 S.S.	SA-182
2	SHELL		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @    FT.    DATE

COMMENTS \_\_\_\_\_

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REVISIONS  
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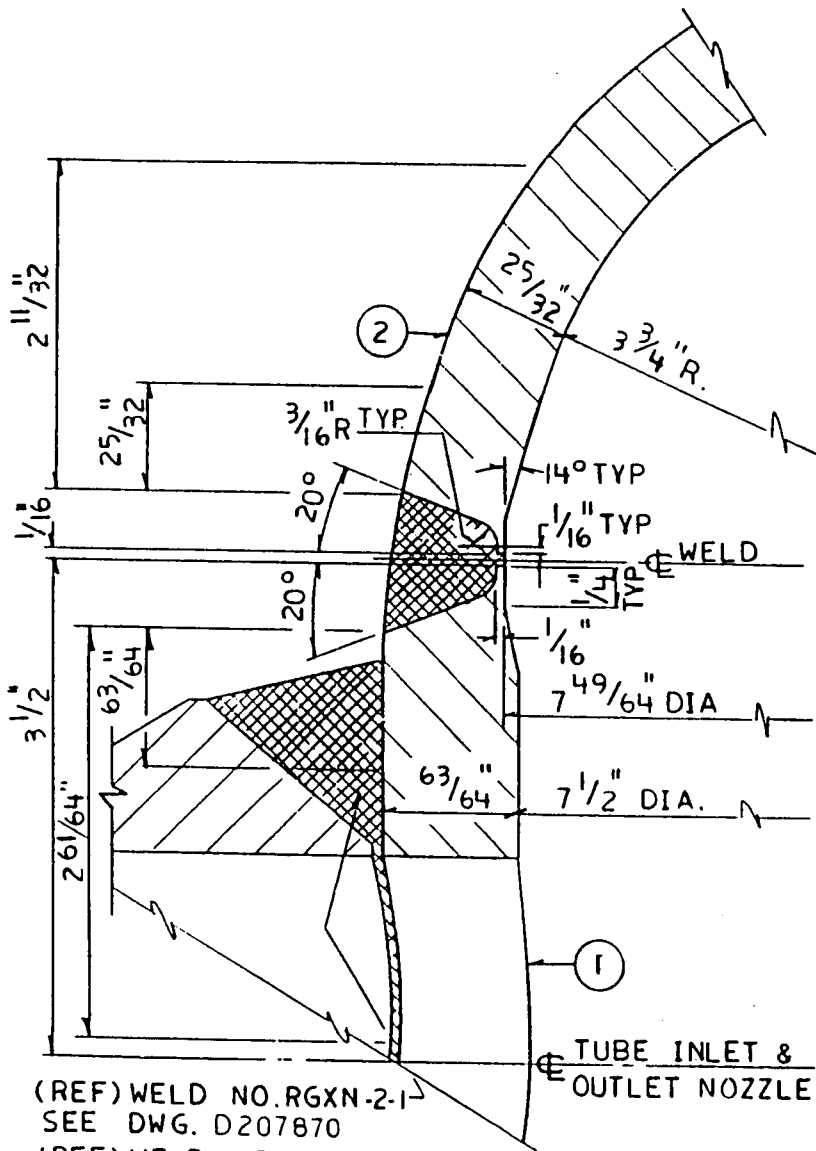
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXN-1-4  
 DRAWN BY W.A. CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. \_\_\_\_\_  
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CONSOLIDATED EDISON CO. OF N.Y. INC.  
 DWG. NO. **D207865-0**  
 RECORDED 11/21/78

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STATION INDIAN POINT NO. 2  
 DWG. NO. **D207866**



(REF) WELD NO. RGXN-2-1  
 SEE DWG. D207870  
 (REF) WELD NO. RGXN-2-2  
 SEE DWG. D207871

COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21

REF. DWGS. A206921

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S.	
2	CAP END	CASTING	T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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REVISIONS  
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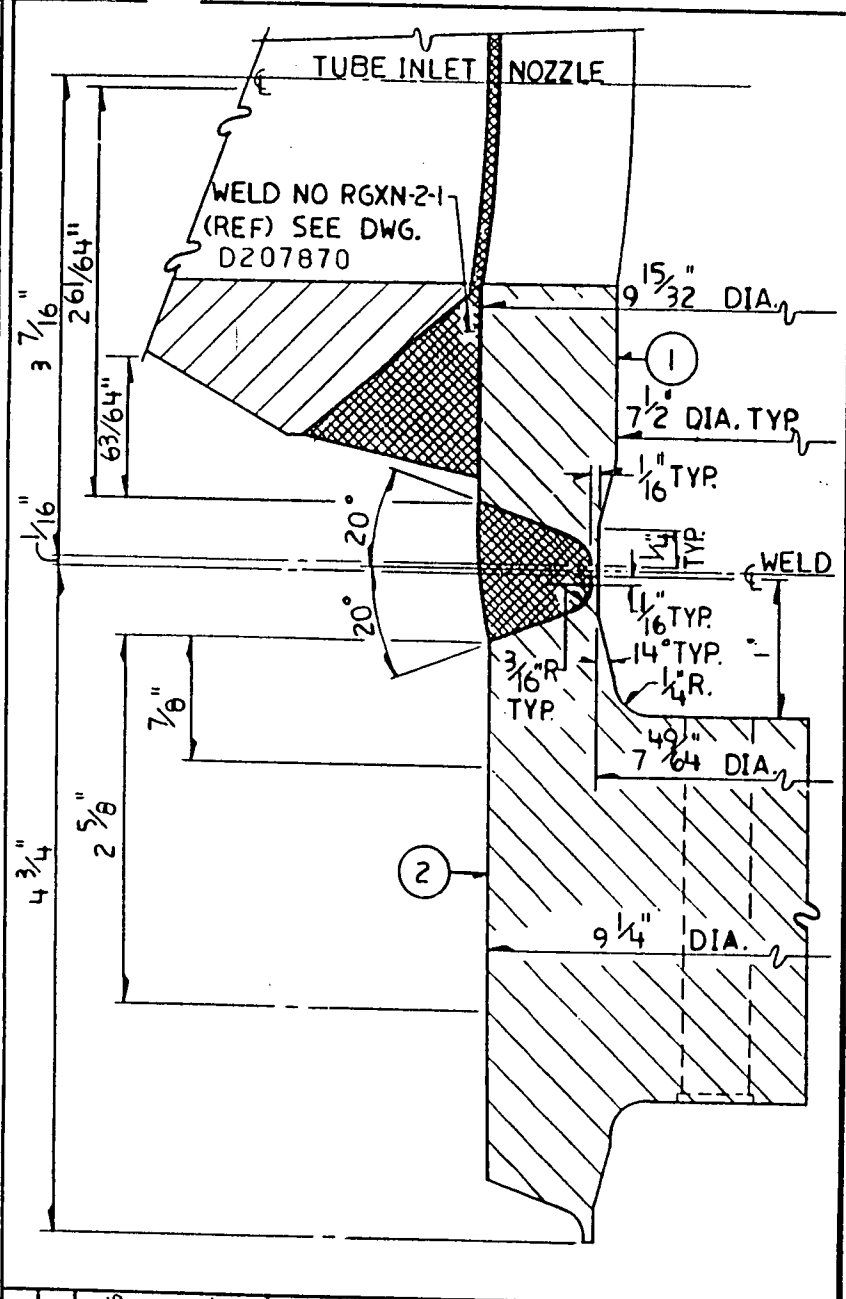
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-2-1  
 DRAWN BY W.A. CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENO. \_\_\_\_\_  
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 ENO. \_\_\_\_\_

CONSOLIDATED EDISON CO. OF N. Y. INC.  
 DWG. NO. **D207866-0**  
 RECORDED 11/11

11-21-78

DWG. NO. **D207867**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REGEN. HEAT EXCH. NO 21

REF. DWGS. A206921

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S.	
2	TUBE SHEET		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_

SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS

mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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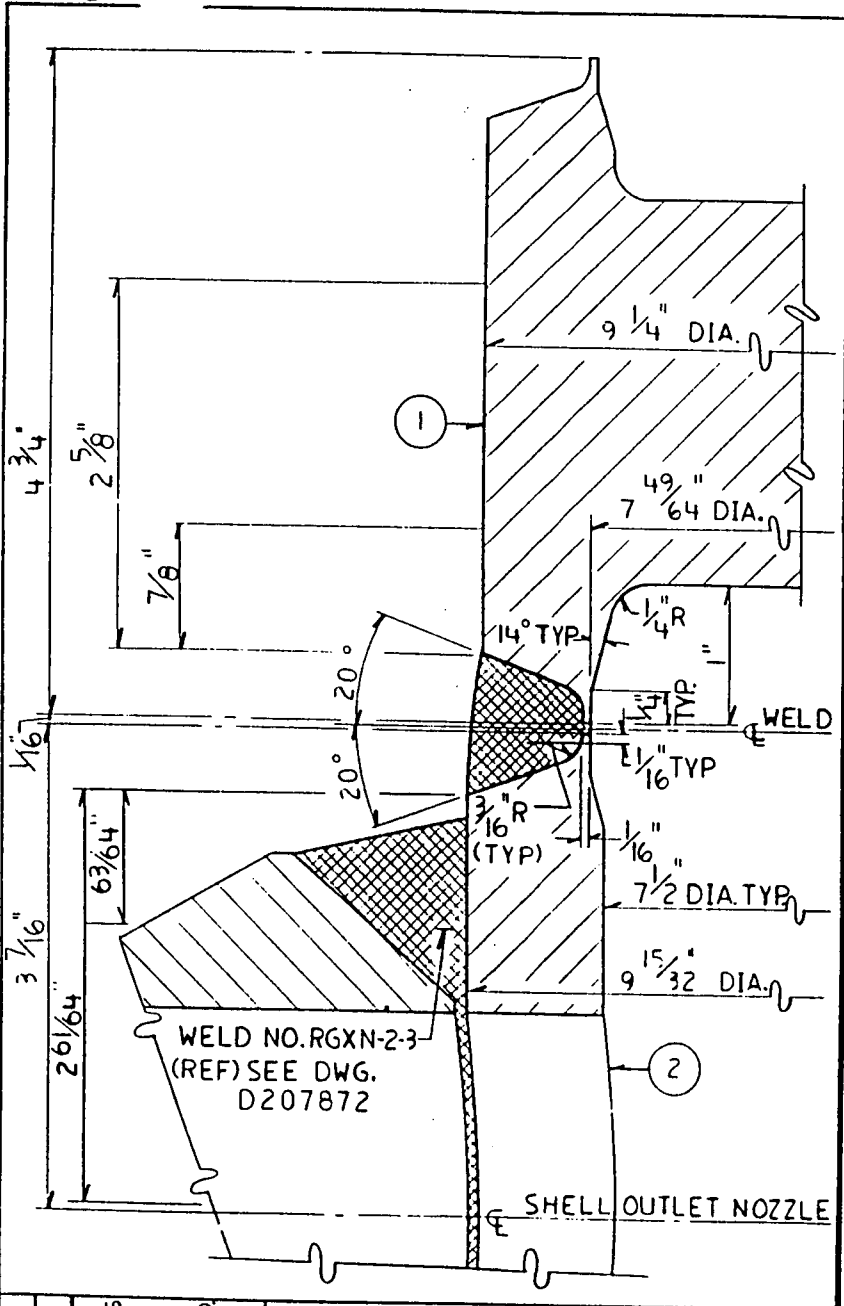
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-2-2  
 DRAWN BY JMA CHECKED NICHOLS  
 SCALE FULL J.o.7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. [Signature]  
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 ENGR. [Signature]

CONSOLIDATED EDISON CO. OF N. Y. INC.  
 DWG. NO. **D207867-0**  
 RECORDED

11/21/78

DWG. NO. **D207868**  
STATION INDIAN POINT NO. 2



WELD NO. RGXN-2-3  
(REF) SEE DWG. D207872

SHELL OUTLET NOZZLE

COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21  
REF. DWGS. A 206921  
QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	TUBE SHEET		T-304 SS	
2	CHANNEL SHELL		T-304 SS	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @ X FT.    DATE

COMMENTS \_\_\_\_\_

ISSUED BY THE CENTER  
FOR GENERAL INSTALLATION  
WORDS AND PHRASES IN ITALICS  
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NOT FOR RECORD  
11/19/94

**NOT FOR FABRICATION  
OR INSTALLATION**

REVISIONS  
THIS ISSUE IS NON-CLASSIFIED PER CI 240-1. RELEASE FOR RECORD R.N. 7076 11-3-78

STATION - INDIAN POINT NO. 2  
WELD DETAIL FOR INSERVICE INSPECTION  
WELD NO. RGXC-2-3  
DRAWN BY JMA    CHECKED NICHOLS  
SCALE FULL    I.O. 7076-00-1

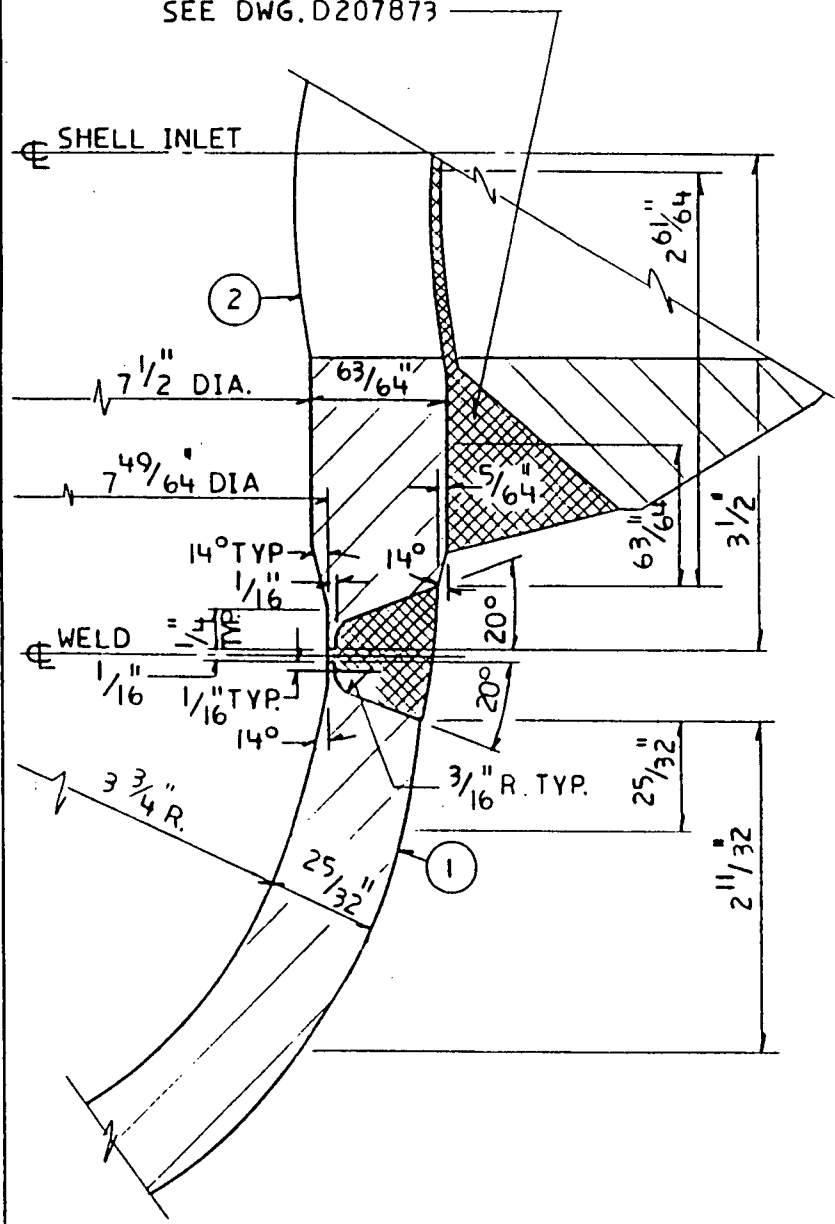
APPROVALS  
CHIEF DESIGN ENG.  
ENG.  
ENGR.

CONSOLIDATED EDISON CO. OF N.Y., INC.  
DWG. NO. **D207868-0**  
RECORDED 11/21/95

929 017 11/21/8R

DWG. NO. **D207869**  
 STATION INDIAN POINT NO. 2

(REF) WELD NO. RGXN-2-4  
 SEE DWG. D207873



COMPONENT/LINE NO. R EGEN HEAT EXCH. NO. 21  
 REF. DWGS. A206921

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CAP END	CASTING	T-304 S.S.	
2	SHELL		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ <u>X</u> FT.	DATE

COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION  
 OR INSTALLATION**

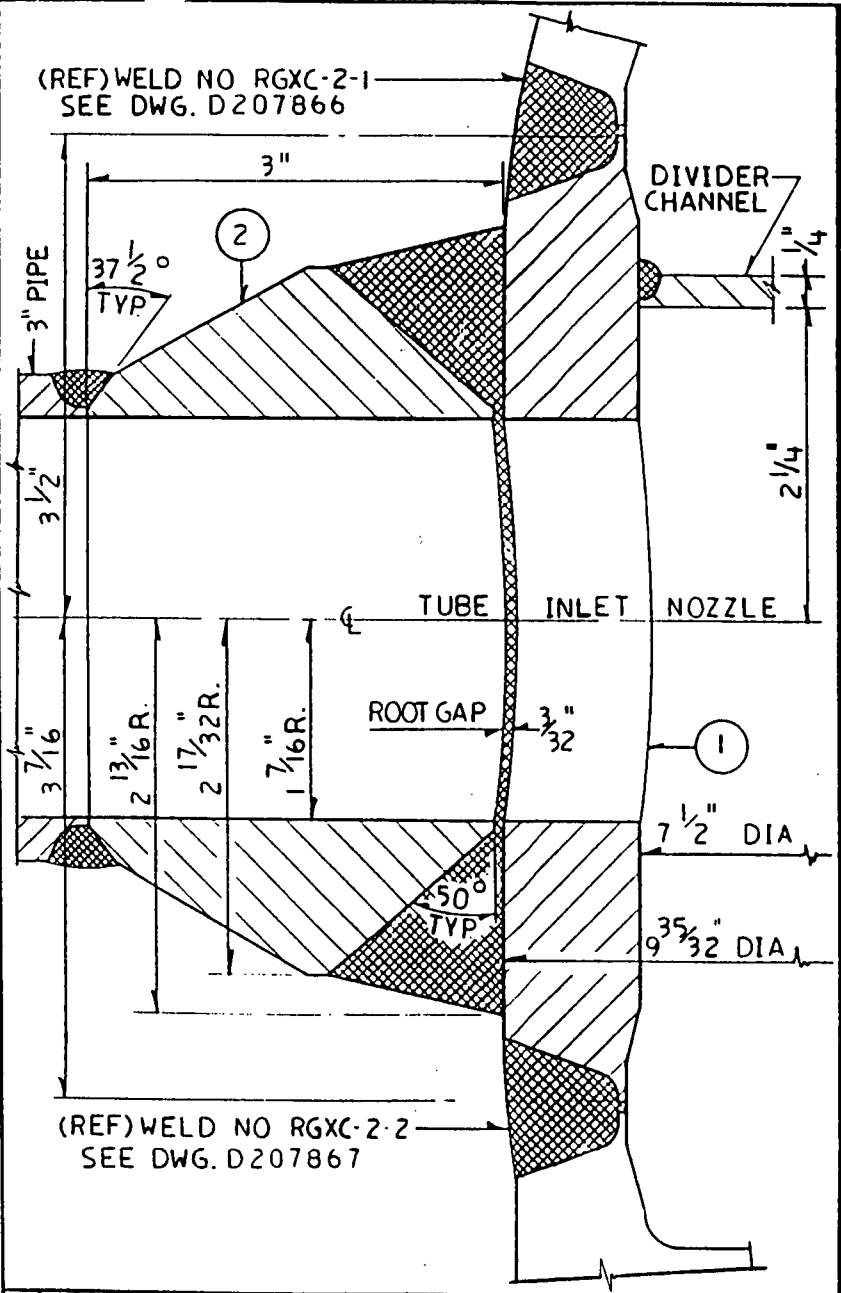
REVISIONS  
 THIS ISSUE IS NON-CLASS "A" PER CI 240-1. RELEASE FOR RECORD. P.N. 7076 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-2-4  
 DRAWN BY W.A. CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG. *[Signature]*  
 ENG. *[Signature]*

CONSOLIDATED EDISON CO. OF N.Y. INC.  
 DWG. NO. **D207869-0**  
 RECORDED *[Date]*

DWG. NO. **D207870**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21

REF DWGS. A206921

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S.	
2	WELDOLET	CASTING	F-304 S.S.	SA-182

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ISSUED BY THE  
 RECORDS MANAGEMENT CENTER  
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 THIS RECORD VALID ONLY UNTIL

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
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REVISIONS  
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXN-2-1  
 DRAWN BY W.A. CHECKED NICHOLS  
 SCALE FULL J.o.7076-00-1

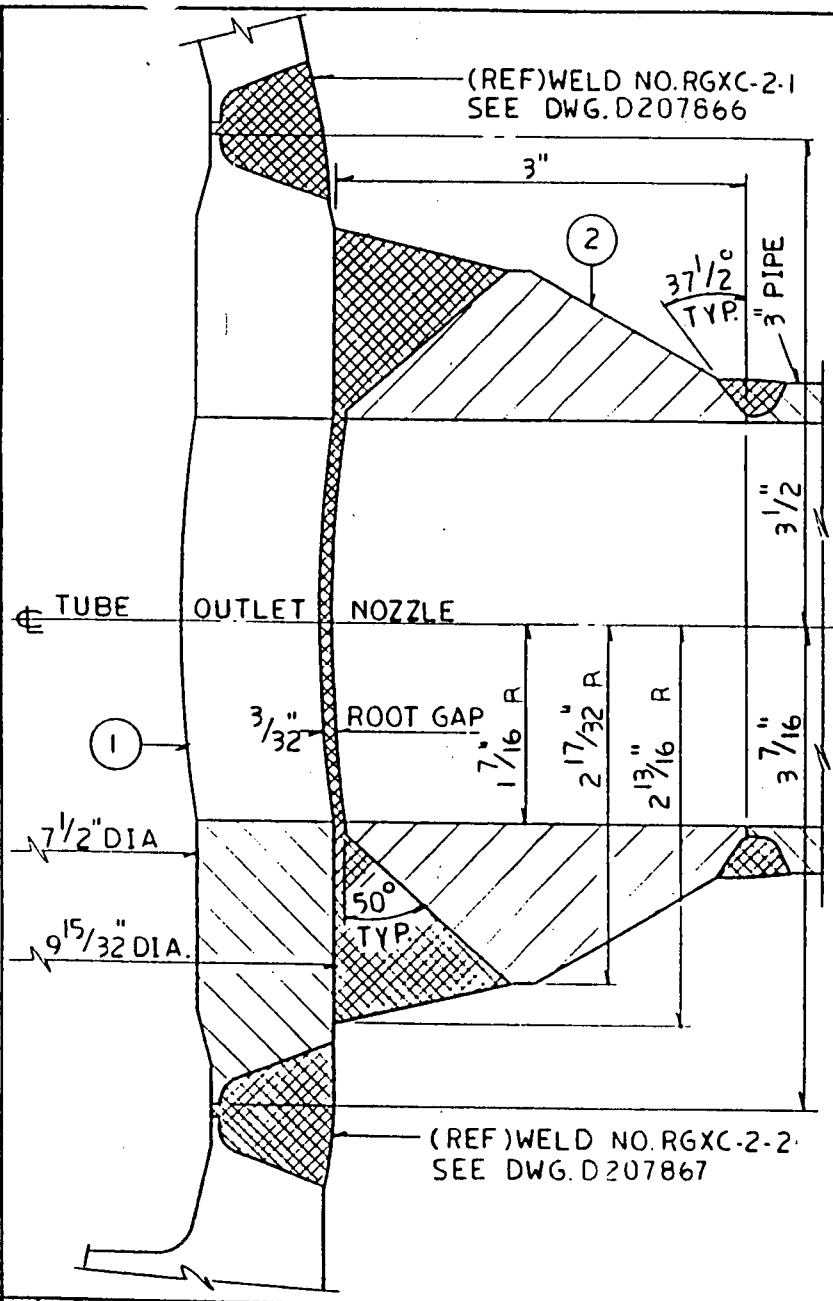
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CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207870-0**  
 RECORDED

028 017 11/21/78 R



STATION INDIAN POINT NO. 2  
 DWG. NO. **D207871**



COMPONENT/LINE NO. REGEN HEAT EXCH NO. 21

REF. DWGS. A206921

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S.	
2	WELDOLET	CASTING	F-304 S.S.	SA-182

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_

ISSUED BY THE RECORDS MANAGEMENT CENTER  
 NOT FOR FABRICATION OR INSTALLATION  
 THIS RECORD VALID ONLY UNTIL \_\_\_\_\_

WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @ X FT.    DATE

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION OR INSTALLATION**

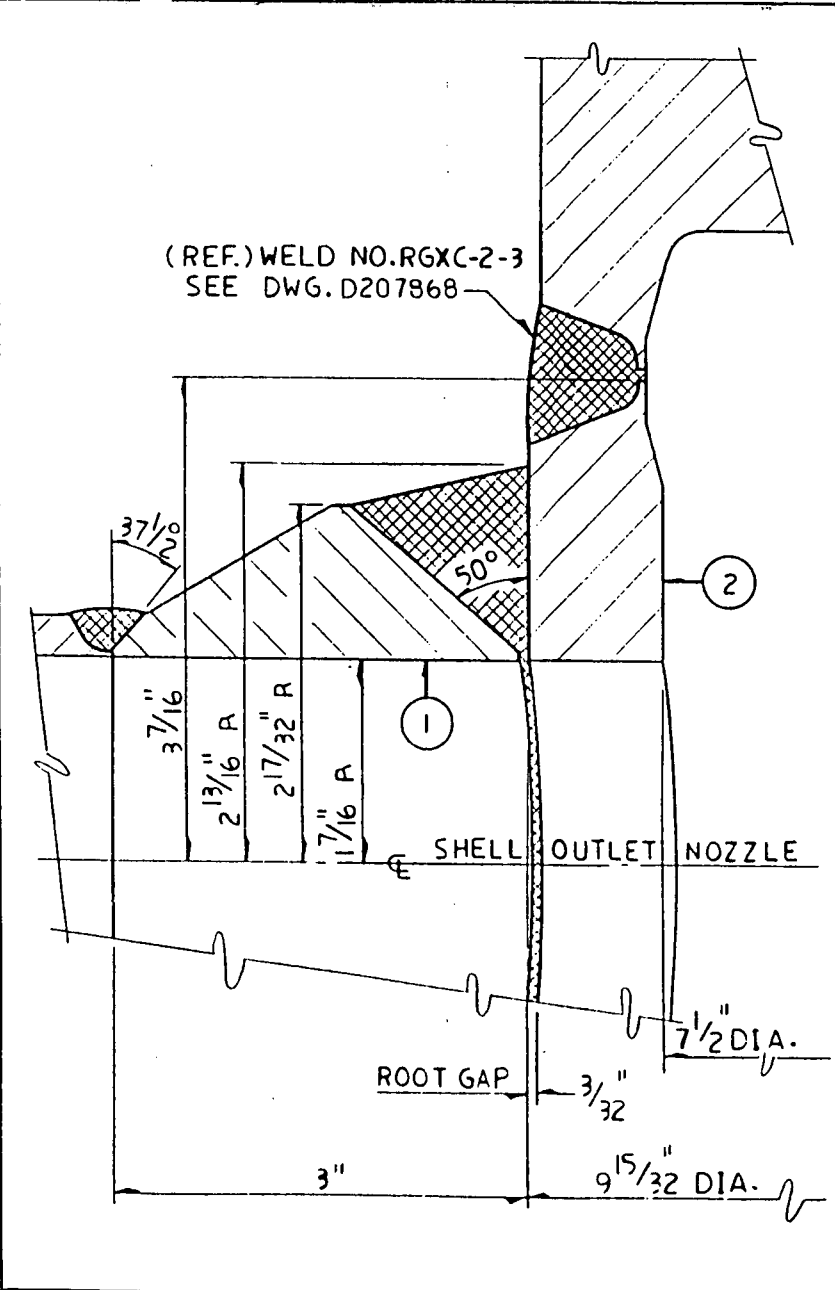
REVISIONS  
 THIS ISSUE IS NONCLASSIFIED PER CI 240-1, RELEASE FOR RECORD P.N. 7076 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXN-2-2  
 DRAWN BY W. A.    CHECKED NICHOLS  
 SCALE FULL    J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. [Signature]  
 ENG. [Signature]  
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CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207871-0**  
 RECORDED 11/21/78

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207872**



COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21  
 REF. DWGS. A206921  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	WELDOLET	CASTING	F-304 S.S.	SA-182
2	SHELL		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING ROOMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION  
 OR INSTALLATION**

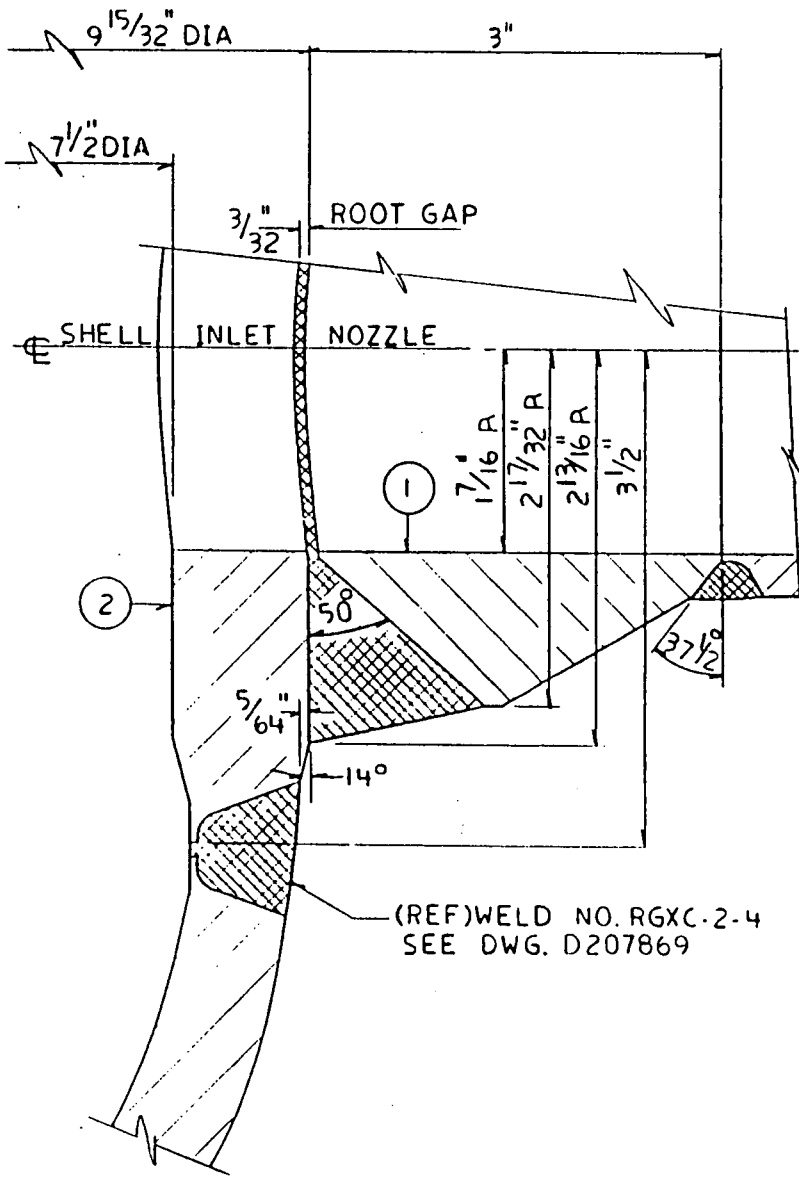
REVISIONS  
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 5 NON-CLASS  
 "A" PER  
 CI 240-1  
 RELEASE  
 FOR RECORD  
 P.N. 7076  
 11-5-76

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXN-2-3  
 DRAWN BY JMA CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. [Signature]  
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 ENG. [Signature]

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207872-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207873**



COMPONENT/LINE NO. REGEN HEAT EXCH. NO. 21  
 REF DWGS. A206921  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	WELDOLET	CASTING	F-304 S.S.	SA-182
2	SHELL		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

ISSUED BY THE RECORDS MANAGEMENT CENTER  
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 THIS RECORD VALID \_\_\_\_\_

JAN 11 1994

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION  
 OR INSTALLATION**

REVISIONS  
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 THIS ISSUE IS NON-CLASS "A" PER CI 240-1. RELEASE FOR RECORD P.N. 7076 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXN-2-4  
 DRAWN BY W.A. CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

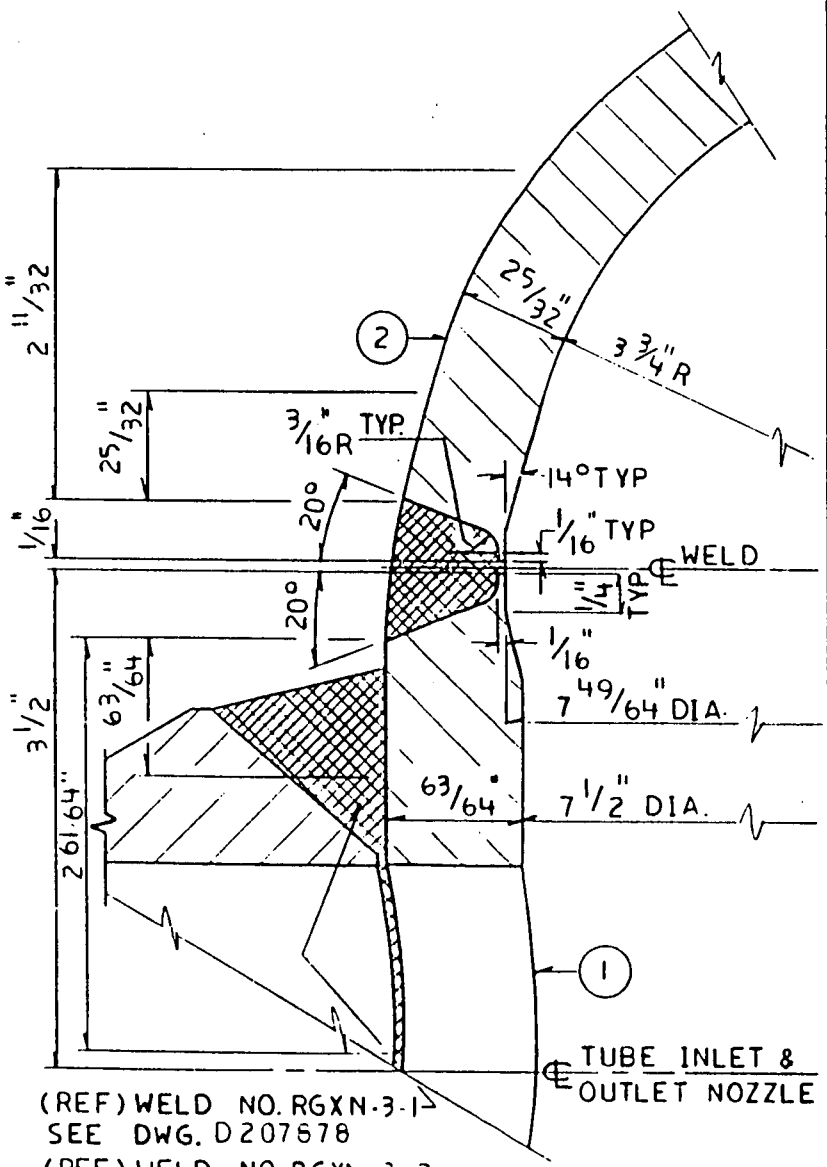
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CONSOLIDATED EDISON CO. OF N.Y. INC  
 DWG. NO. **D207873-0**  
 RECORDED 11/12/78

929 D17 11/21/78

11/21/78

DWG. NO. **D207874**  
STATION INDIAN POINT NO. 2



(REF) WELD NO. RGXN-3-1  
SEE DWG. D207878  
(REF) WELD NO. RGXN-3-2  
SEE DWG. D207879

COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21  
REF DWGS. A 206921  
QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG. / WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S	
2	CAP END	CASTING	T-304 S.S	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @    FT.    DATE

COMMENTS \_\_\_\_\_

RECORDS ISSUED BY THE  
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OR INSTALLATION**

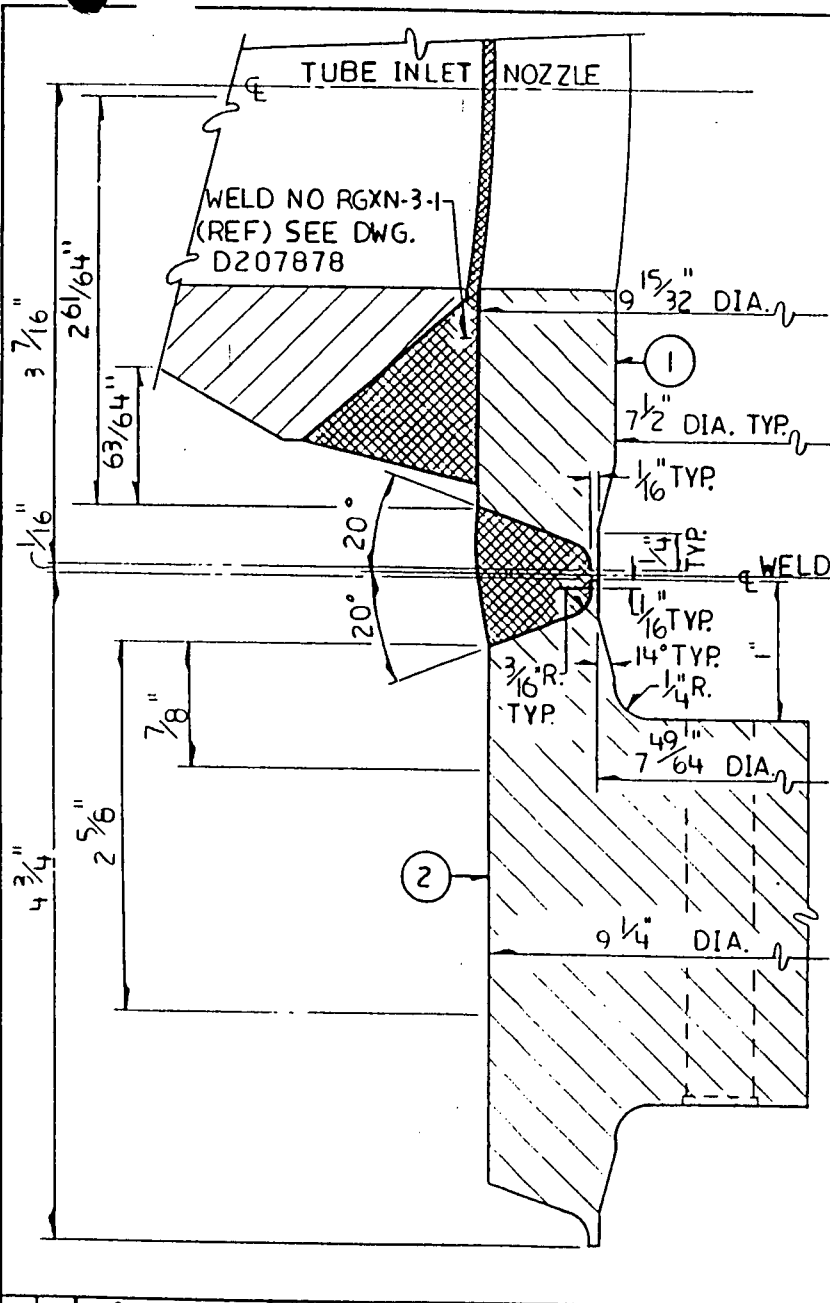
REVISIONS  
 THIS ISSUE IS NON-CLASS "A" PER CI 240-1. RELEASE FOR RECORD P.N. 7076 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-3-1  
 DRAWN BY W. A.    CHECKED NICHOLS  
 SCALE FULL    J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC  
 DWG. NO. **D207874-0**  
 RECORDED

DWG. NO. **D207875**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REGEN HEAT EXCH NO 21

REF. DWGS. A206921

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S.	
2	TUBE SHEET		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS    m ON CONTACT    DATE    m @ X FT.    DATE

ISSUED BY THE RECORDS MANAGEMENT CENTER  
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 THIS RECORD VALID ONLY UNTIL  
 JAN 11 1994

**NOT FOR FABRICATION OR INSTALLATION**

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-3-2  
 DRAWN BY JMA    CHECKED NICHOLS  
 SCALE FULL    J.O. 7076-00-1

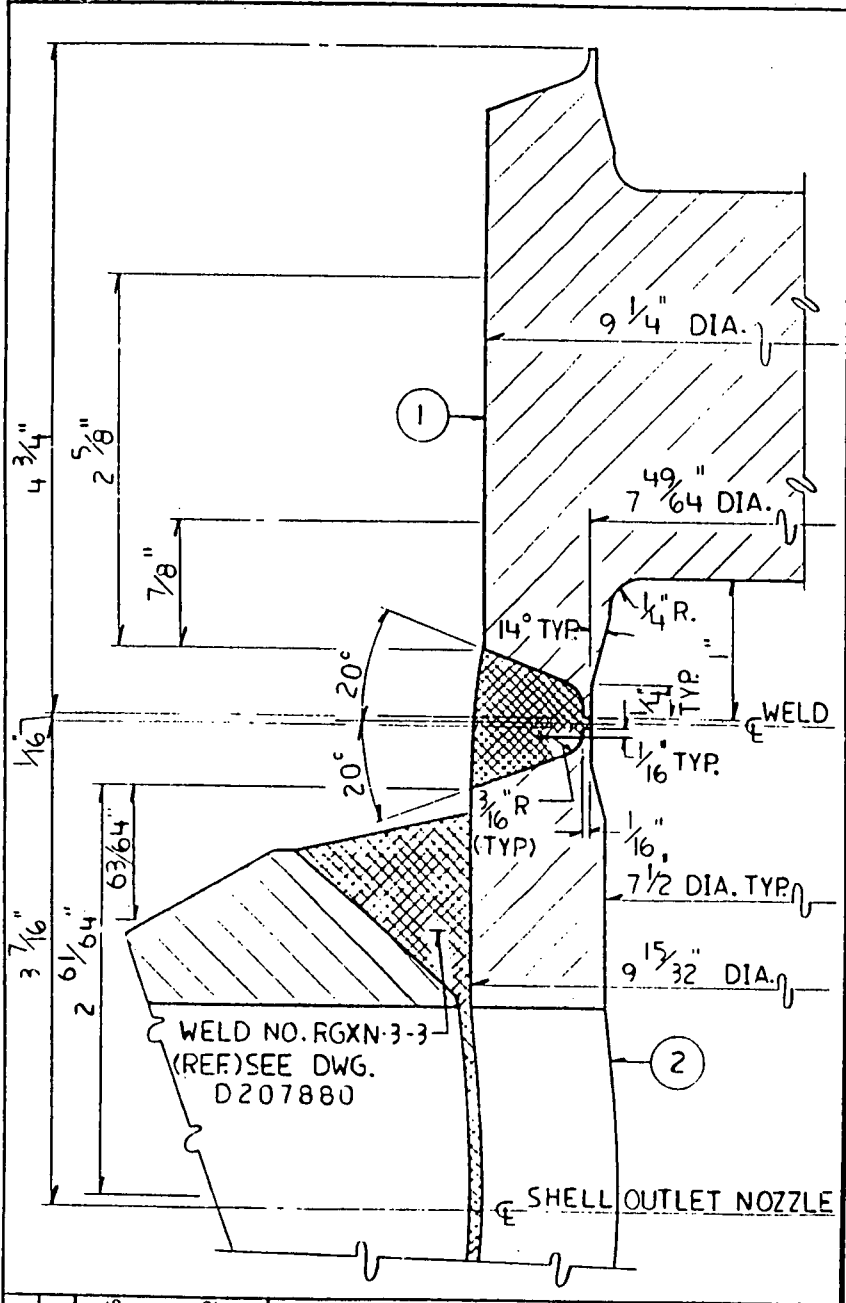
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CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207875-0**  
 RECORDED [Signature]

REVISIONS  
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929 D17 11/21/78 K

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207876**



WELD NO. RGXN-3-3  
 (REF) SEE DWG.  
 D207880

COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21

REF DWGS. A 206921

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	TUBE SHEET		T-304 S.S.	
2	CHANNEL SHELL		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ISSUED BY THE RECORDS MANAGEMENT CENTER FOR FABRICATION OR INSTALLATION ONLY UNTIL 04/11/1991

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION OR INSTALLATION**

REVISIONS  
 THIS ISSUE IS NON-CLASSIFIED PER A.I. 240-1. RELEASE FOR RECORD. P.N. 7076 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-3-3  
 DRAWN BY JMA CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

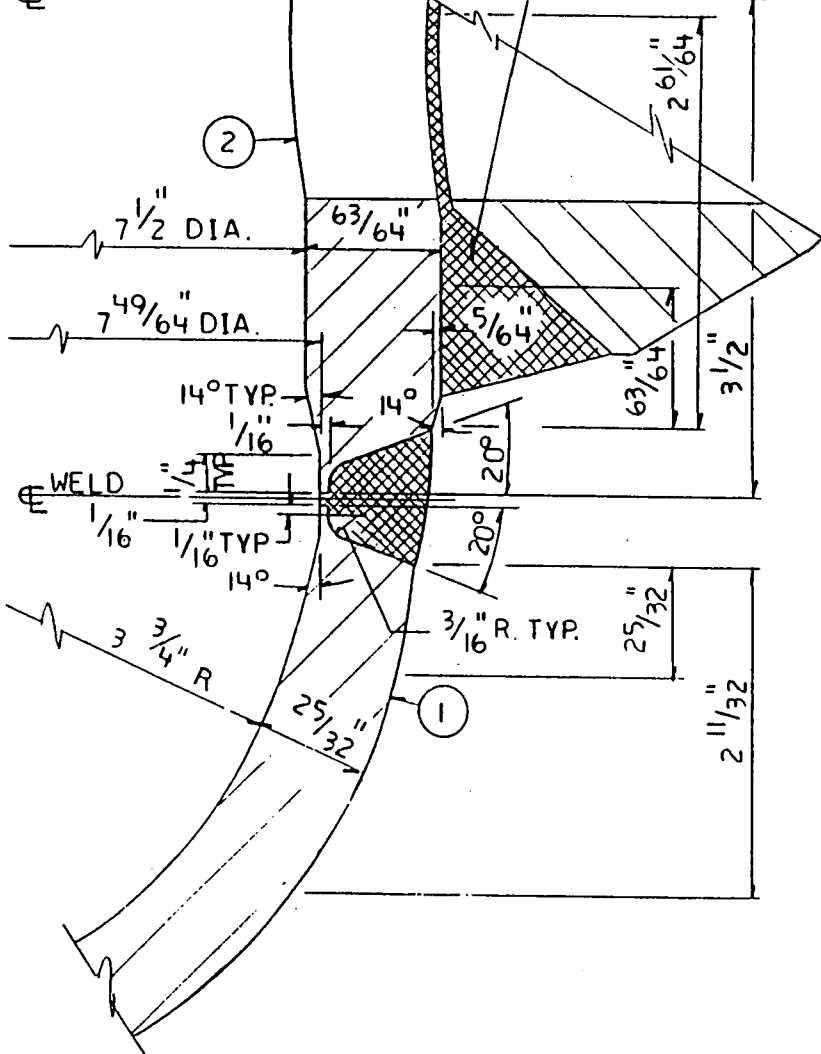
APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. OF N.Y. INC.  
 DWG. NO. **D207876-0**  
 REVISION 11/2/78

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207877**

(REF) WELD NO. RGXN-3-4  
 SEE DWG. D207881

SHELL INLET



COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21  
 REF DWGS. A206921  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CAP END	CASTING	T-304 S.S.	
2	SHELL		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @    FT.    DATE

COMMENTS \_\_\_\_\_

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REVISIONS  
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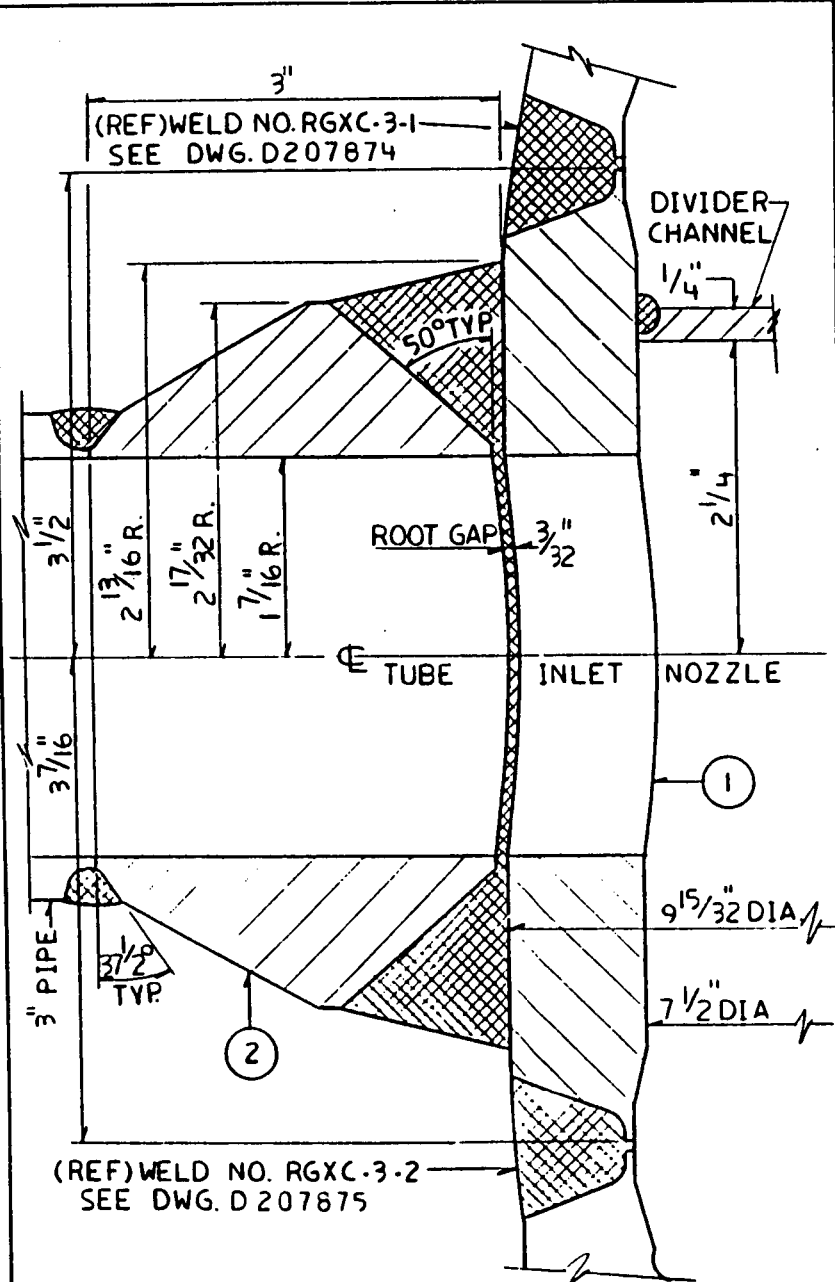
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXC-3-4  
 DRAWN BY W.A. CHECKED NICHOLS  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. OF N. Y. INC.  
 DWG. NO. **D207877-0**  
 RECORDED

929 D17 11 75 R

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207878**



COMPONENT/LINE NO. REGEN HEAT EXCH. NO. 21  
 REF. DWGS. A206921  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 S.S.	
2	WELDOLET	CASTING	F-304 S.S.	SA-182

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @ X FT.    DATE

ISSUED BY THE RECORDS MANAGEMENT OFFICE  
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 THIS RECORD VALID ONLY UNTIL \_\_\_\_\_

COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION OR INSTALLATION**

REVISIONS  
 THIS ISSUE IS NON-CLASSIFIED PER "A" PER CI 240-1. RELEASE FOR RECORD FOR RECORD P.N. 7076 11-3-76

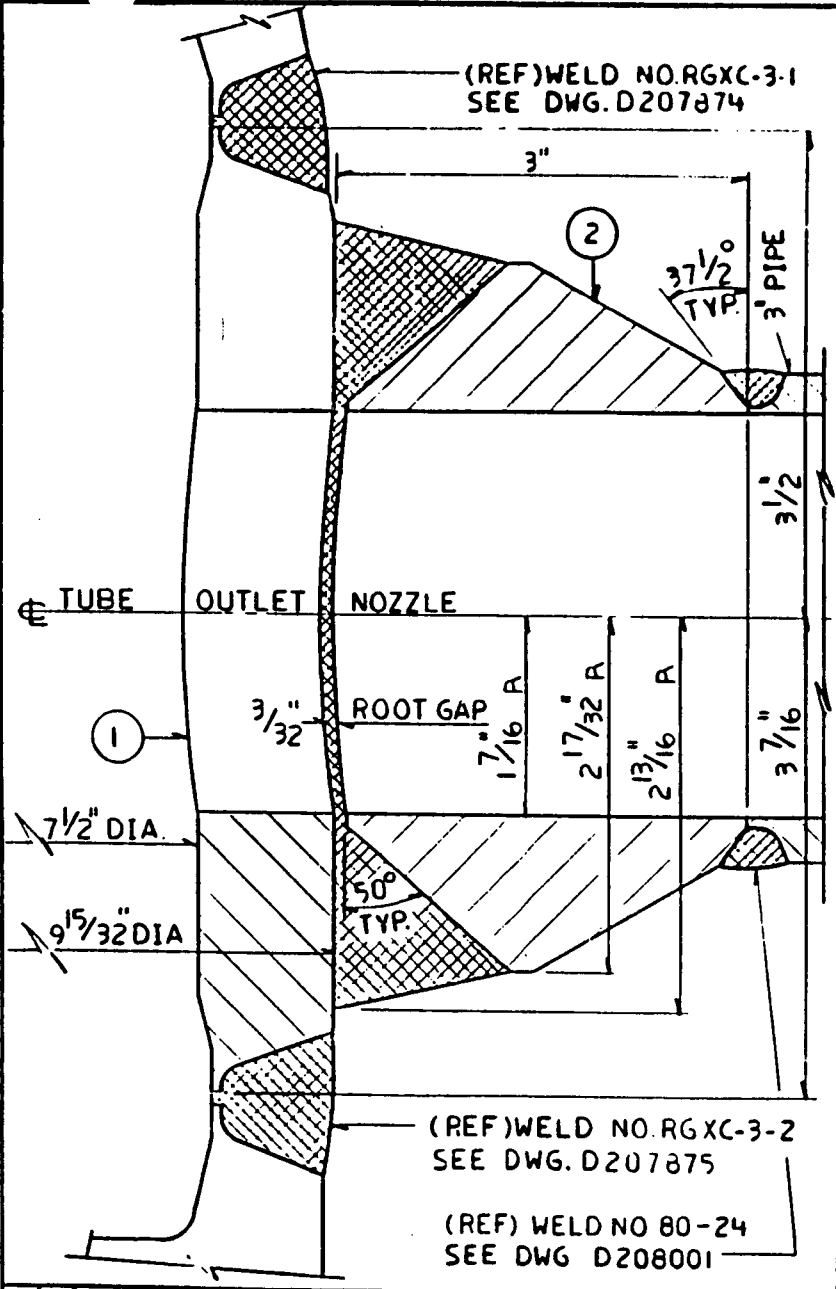
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXN-3-1  
 DRAWN BY WA    CHECKED NICHOLS  
 SCALE FULL    J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. \_\_\_\_\_  
 ENG. \_\_\_\_\_  
 ENG. \_\_\_\_\_

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207878-0**  
 RECORDED \_\_\_\_\_



STATION INDIAN POINT NO. 2  
 DWG. NO. **D207879**



COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21  
 REF DWGS. A206921  
 QUALITY GROUP A

MATERIALS				
NO.	PRODUCT FORM (CONFIGURATION)	MFG / WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL SHELL		T-304 SS.	
2	WELDOLET	CASTING	F-304 SS	SA-182

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @ X FT.    DATE

COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION OR INSTALLATION**

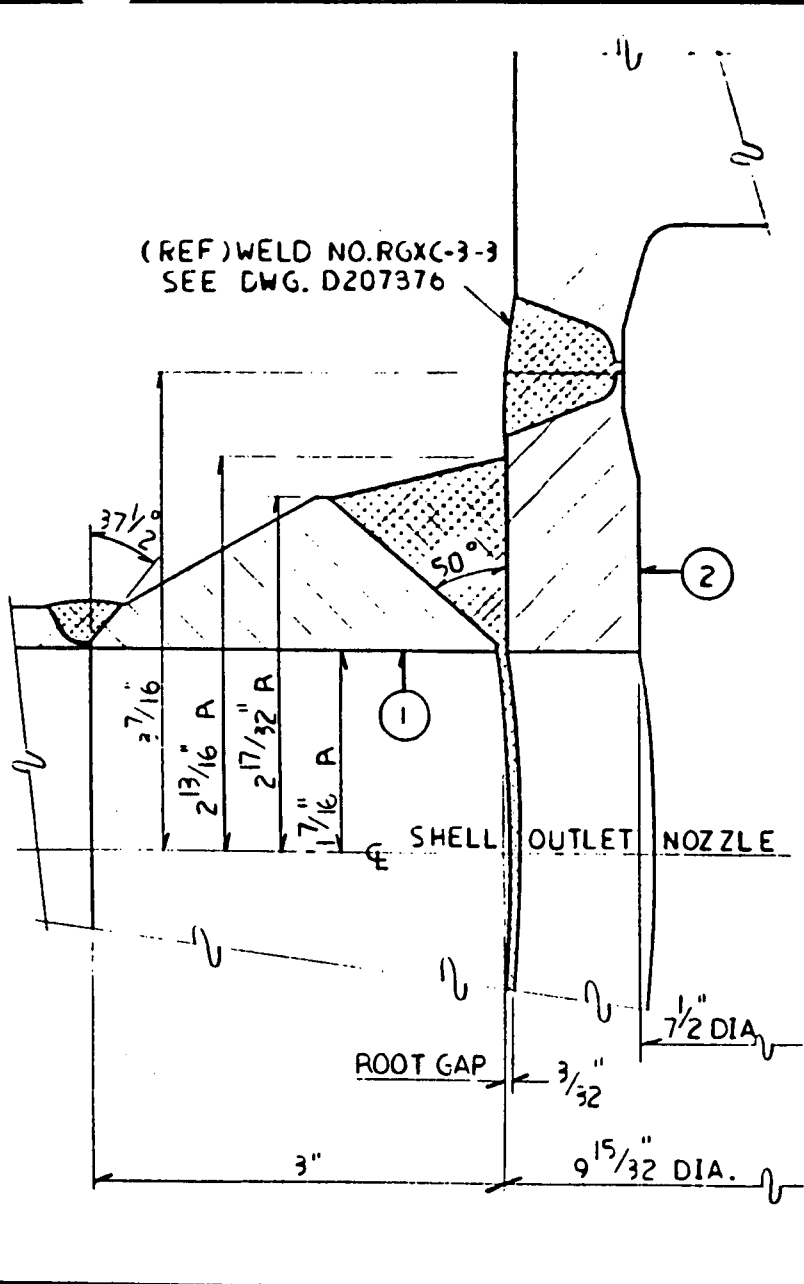
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 A PER  
 CI 240-1  
 RELEASE  
 FOR RECORD  
 P.N. 7076  
 11-5-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RGXN-3-2  
 DRAWN BY W. A    CHECKED NICHOLS  
 SCALE FULL    JO 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y. INC.  
 DWG. NO. **D207879-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207880**



(REF) WELD NO. RGXC-3-3  
 SEE DWG. D207376

SHELL OUTLET NOZZLE

ROOT GAP

COMPONENT/LINE NO. REGEN. HEAT EXCH. NO. 21  
 REF. DWGS. A 206921  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG / WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	WELDOLET	CASTING	F-304 S.S.	SA-192
2	SHELL		T-304 SS	

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

ISSUED BY THE  
 RECORDS MANAGEMENT CENTER  
 NOT FOR FABRICATION OR INSTALLATION  
 THIS RECORD VALID ONLY UNTIL

EXPOSURE LEVELS	MR ON CONTACT	DATE	MR @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION  
 OR INSTALLATION**

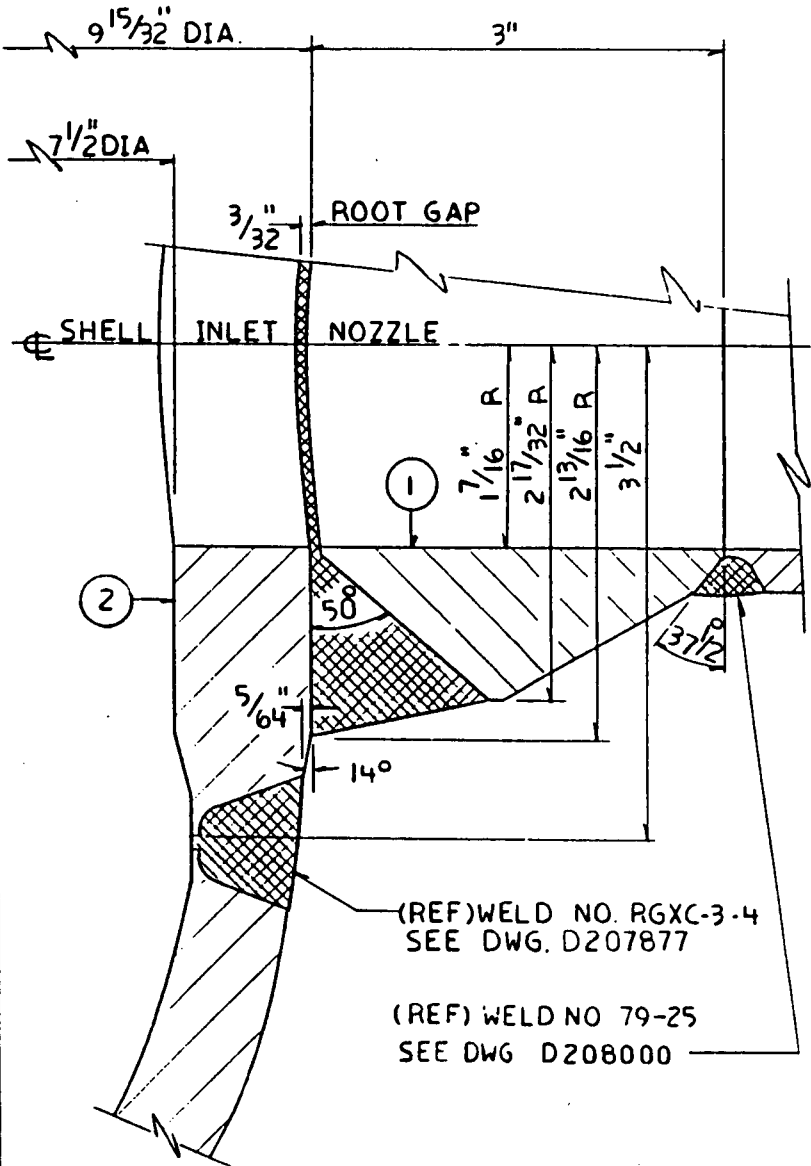
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RCXN-3-3  
 DRAWN BY JMA CHECKED NICHOLS  
 SCALE FULL 1:1 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. OF N.Y. INC  
 DWG. NO. **D207880-0**  
 RECORDED

DWG. NO. **D207881**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REGEN HEAT EXCH. NO. 21

REF DWGS. A 206921

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG. /WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	WELDOLET	CASTING	F-304 S.S.	SA-182
2	SHELL		T-304 S.S.	

CALIBRATION BLOCK NO. \_\_\_\_\_

FABRICATION SPEC. \_\_\_\_\_

FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_

SURFACE COATING \_\_\_\_\_

SURFACE FINISH \_\_\_\_\_

CROWN CONDITION \_\_\_\_\_

SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_

ISSUED BY THE  
RECORDS MANAGEMENT CENTER  
NOT FOR FABRICATION OR INSTALLATION  
THIS RECORD VALID ONLY UNTIL  
**JAN 1 1 1994**

WELD MARKINGS \_\_\_\_\_

SCAFFOLDING RQMTS. \_\_\_\_\_

INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION OR INSTALLATION**

REVISIONS  
THIS ISSUE IS NON-CLASSIFIED PER CI 240-1. PLEASE FOR RECORD. P.N. 7076 11-3-76

STATION - INDIAN POINT NO. 2  
WELD DETAIL FOR INSERVICE INSPECTION  
WELD NO. RGXN-3-4  
DRAWN BY W.A. CHECKED NICHOLS  
SCALE FULL J.O. 7076-00-1

APPROVALS  
CHIEF DESIGN ENG.  
ENG.  
ENG.

CONSOLIDATED EDISON CO. OF N.Y. INC.  
DWG. NO. **D207881-0**  
RECORDED 11/2/76

11/3/75

0

**RELIEF REQUEST NUMBER 9**  
(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 1  
References: Table IWB-2500-1, Figure IWB-2500-7  
Examination Category: B-D  
Item Number: B3.120  
Description: Inspection of Pressurizer Nozzle Inside Radius Sections  
Reference Drawing: A206918

**CODE REQUIREMENT**

Table IWB-2500-1, Category B-D, requires a volumetric examination of the pressurizer nozzle inside radius section.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(g)(5)(iii) and (g)(6)(i), relief is requested on the basis that compliance with the code requirement is impractical.

The pressurizer was designed and fabricated to Codes in effect during the late 1960s. The Codes used did not provide for full access for inservice inspection nor did they require a surface finish in the nozzle area suitable for UT examination. The design of the nozzles, utilizing a gradual inside radius section, is specifically intended to reduce stress in this area and minimize the conditions that might lead to cracking.

The nozzles on the pressurizer are cast with the vessel heads. The as-cast surface of the heads, combined with the geometry of this area makes ultrasonic examination of the nozzle inner radii impractical.

The geometry and size of the nozzles are such that a radiographic examination is not feasible. Specifically, the radiographic test film cannot be situated properly from the I.D. due to a lack of interior structure. Placement of the source on the I.D. will not allow proper film to source distance, resulting in greatly reduced sharpness due to part geometry.

Additionally, with the manway slightly lifted from the manway flange, fields exterior to the pressurizer in the vicinity of the manway are 3-5 rem/hr. Although the fields within the pressurizer have not been specifically measured, they are considerably higher and preclude the placement of radiographic film on the interior of the pressurizer. For practical reasons, the high fields also preclude a visual (VT-1) examination of the nozzle inside radius surface and, because the nozzles are clad on their surface, a visual (VT-1) examination would be of no significant value.

**RELIEF REQUEST NUMBER 9**  
(Page 2 of 2)

**PROPOSED ALTERNATE EXAMINATION**

All nozzles will be visually examined (VT-2) at each refueling outage during system pressure tests in accordance with IWB-2500, Category B-P, and Code Case N-498 in lieu of the code-required volumetric examination once in ten years. It is expected that any through wall defects would be detected by the proposed alternate examination prior to failure of the component. This is based on the expectation that the component will experience leakage before a catastrophic failure ("leak before break").

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The type and frequency of examinations proposed for the nozzles are the same as were in effect for the first two inspection intervals. Based on the reliable operating history of this and similar vessel nozzles at other plants, and the sufficiency of the VT-2 examinations for the purpose of detecting leakage, the granting of this relief will not decrease the overall level of quality and safety.

**RELIEF REQUEST NUMBER 10**  
(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 1  
References: Table IWB-2500-1, Figure IWB-2500-7  
Examination Category: B-D  
Item Number: B3.140  
Description: Examination of Steam Generator Nozzle Inner Radius Sections  
Reference Drawings: A206914 - Steam Generator No. 21  
A206915 - Steam Generator No. 22  
A206916 - Steam Generator No. 23  
A206917 - Steam Generator No. 24

**CODE REQUIREMENT**

Table IWB-2500-1, Category B-D, requires a volumetric examination of the steam generator nozzle inside radius section.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(g)(5)(iii) and (g)(6)(i), relief is requested on the basis that compliance with the code requirement is impractical.

The steam generator was designed and fabricated to Codes in effect during the late 1960s. The Codes used did not provide for full access for inservice inspection nor did they require a surface finish in the nozzle area suitable for UT examination. The design of the nozzles, utilizing a gradual inside radius section, is specifically intended to reduce stress in this area and minimize the conditions that might lead to cracking.

The nozzles on the steam generators are integrally cast with the vessel heads. The irregular as-cast surface of the heads, combined with the geometry of this area, effectively precludes transmission of ultrasound into the part, preventing meaningful ultrasonic examination of the nozzle inner radii.

Although the inner radii of the steam generator nozzles are potentially accessible for a surface examination, such examinations are of very little value because the cladding precludes surface examination of the base metal. Additionally, the surface is a rough, manually deposited cladding which is not conducive to meaningful surface examinations.

The radiation levels in the interior vicinities of the nozzles have been determined to range from 25 to 40 rem/hr. These levels make radiographic examination impractical.

**RELIEF REQUEST NUMBER 10**  
(Page 2 of 2)

**PROPOSED ALTERNATE EXAMINATIONS**

All nozzles will be visually examined (VT-2) at each refueling outage during system pressure tests in accordance with IWB-2500 and Code Case N-498 in lieu of the code-required volumetric once in ten years. It is expected that any through wall defects would be detected by the proposed alternate examination prior to failure of the component. This is based on the expectation that the component will experience leakage before a catastrophic failure ("leak before break").

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The type and frequency of examinations proposed for the nozzles are the same as were in effect for the first two inspection intervals. Based on the reliable operating history of this and similar nozzles at other plants, and the sufficiency of the VT-2 examinations for the purpose of detecting leakage, the granting of this relief will not decrease the overall level of quality and safety.

**RELIEF REQUEST NUMBER 11**

(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 1  
References: Table IWB-2500-1, Figure IWB-2500-8  
Examination Category: B-F  
Item Number: B5.10  
Description: Examination of Reactor Vessel Nozzle to Safe End Welds  
Component Numbers: RPVS21-1A (D207776) RPVS23-1A (D207778)  
(Ref. Dwg.) RPVS21-14A (D207780) RPVS23-14A (D207782)  
RPVS22-1A (D207777) RPVS24-1A (D207779)  
RPVS22-14A (D207781) RPVS24-14A (D207783)  
Reference Drawings: A206913 (See Above for other drawings)

**CODE REQUIREMENT**

Table IWC-2500-1, Category B-F, requires a surface and a volumetric examination of the nozzle-to-safe end welds of the Reactor Vessel during each inspection interval.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(g)(5)(iii) and (g)(6)(i), relief is requested from performance of the surface examination on the basis that the implementation of Code requirements is impractical.

The reactor vessel cavity and RPV support system were designed and fabricated to Codes in effect during the late 1960s. The Codes used did not provide for full access for inservice inspection. The access which is available would permit examination of only a very limited amount of the O.D. surface.

The only access to the reactor nozzle safe ends from the outside surface would be through removable plugs in the primary shield. These plugs are located above the nozzle safe ends and would be removable through the refueling cavity floor. With the plugs removed, the top insulated surfaces (approximately 25%) of the nozzle safe-ends would be visible; however, the fixed insulation, designed as non-removable, precludes surface examination. The safe-ends are clad on the I.D. with inconel and partly clad on the O.D. with stainless steel.

Insulation modifications to permit surface examination, even for a limited 25% of the weld area, are considered impractical for the following reasons: 1) a two to three rem/hr. exposure field on contact, 2) extremely confined work area, 3) restrictive clothing required for anti-contamination, 4) hazards associated with removal of asbestos insulation, 5) the minimal value in determining the overall integrity of the weld that would be derived from the limited inspection possible, and 6) the requirement to use non-asbestos material, of differing insulation performance, to reinsulate the examination areas.



**RELIEF REQUEST NUMBER 11**  
(Page 2 of 2)

**PROPOSED ALTERNATE EXAMINATION**

The subject welds are dissimilar metal welds between the carbon steel nozzle forgings and the stainless steel transition (spool) pieces of the reactor coolant piping. It is proposed that these welds be volumetrically examined during the inspection interval from the inside diameter with the automated reactor vessel inspection tool. Visual examinations (VT-2) for evidence of leakage during the system pressure tests will be performed at each refueling outage in accordance with IWB-2500, Category B-P, and Code Case N-498.

The alternative proposed does provide for a 100% volumetric examination from the I.D. using the automated reactor vessel tool. The examination techniques are the same as those employed during the first and second interval and are adequate to detect a significant flaw. A visual examination (VT-2) will be performed, during each refueling outage, which would be capable of detecting any through wall defects prior to a catastrophic failure ("leak before break").

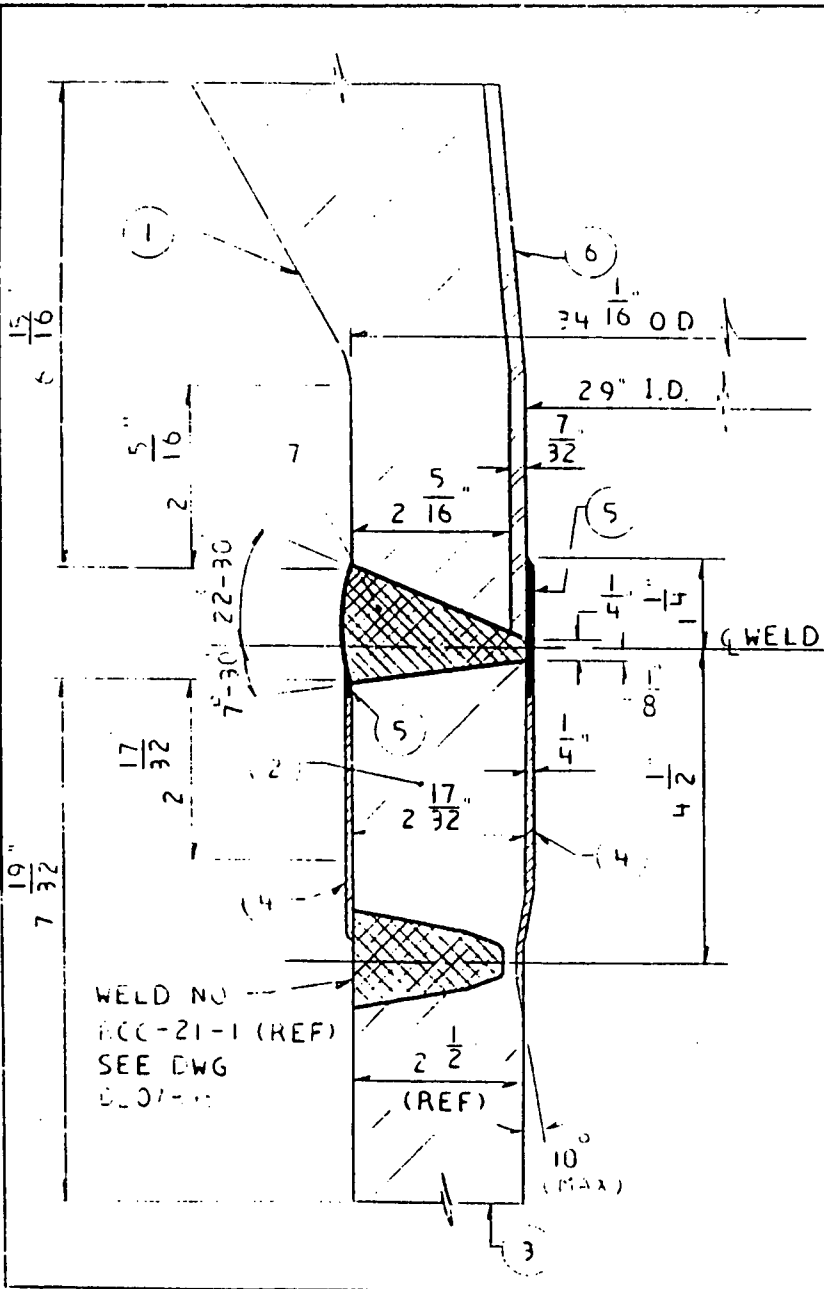
**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

Since the examination techniques employed in the proposed alternate examination will be capable of detecting any deleterious flaws, the granting of this relief will not decrease the overall level of plant quality and safety.

STATION INDIAN POINT NO. 2



WELD NO.  
RCC-21-1 (REF)  
SEE DWG  
6101-1

REVISIONS	DATE	BY	DESCRIPTION
1	10/1/76	LS	ISSUE
2	10/1/76	LS	REWORK
3	10/1/76	LS	FOR RECORD
4	10/1/76	LS	FOR RECORD

COMPONENT/LINE NO. REACTOR VESSEL  
REF. DWGS. A 206913  
QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	NOZZLE	FORGED	ALLOY STL	A 508 - 64
2	SAFE END	FORGED	TYPE 316	SA 182
3	PIPE	SEAMLESS	STA STL	A376 TP 316
4	OVERLAY	WELD DPST	STA STL	TYPE 304 EQUIV
5	OVERLAY	WELD DPST	INCONEL	SB295 *
6	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV
7	WELD	WELD DPST	INCONEL	

\* TYPE ENI-CP-FE-3(III)(192)

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X.FT.	DATE

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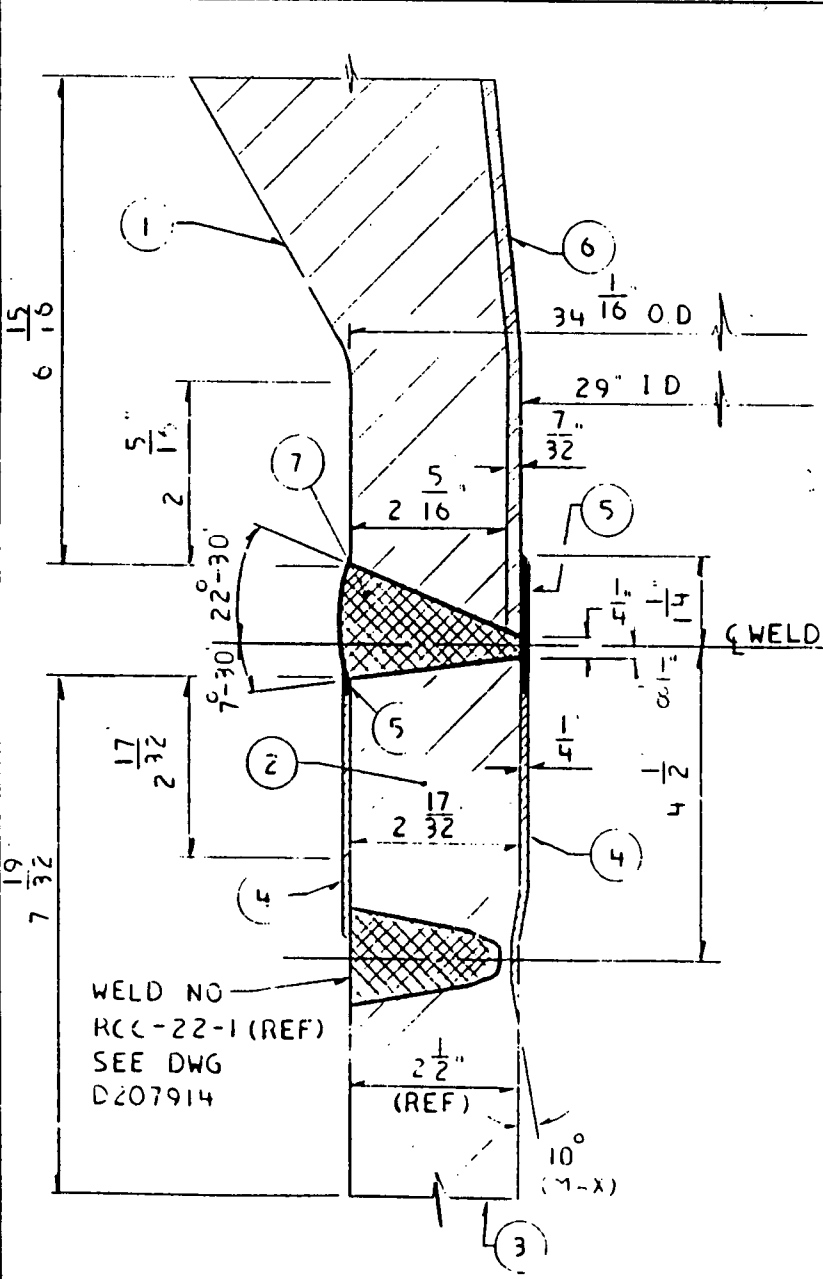
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OR INSTALLATION**

STATION - INDIAN POINT NO. 2  
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 WELD NO. RPVS-21-1A  
 DRAWN BY PD CHECKED BY LS  
 SCALE 6" = 1'-0" JO 7076-00-11

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D 207776-0**  
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STATION INDIAN POINT NO. 2  
 DWG. NO. **D207777**



WELD NO  
 RCC-22-1 (REF)  
 SEE DWG  
 D207914

COMPONENT/LINE NO. REACTOR VESSEL  
 REF DWGS. A 206413  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	NOZZLE	FORGED	ALLOYSTEEL	A 508 - 64
2	SAFE END	FORGED	TYPE 316	SA 182
3	PIPE	SEAMLESS	STA STL	A376 TP 316
4	OVERLAY	WELD DPST	STA STL	TYPE 304 EQUIV
5	OVERLAY	WELD DPST	INCONEL	SB295 x
6	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV
7	WELD	WELD DPST	INCONEL	

\* TYPE EN (REF) (INCONEL)

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_

WELD MARKINGS \_\_\_\_\_

SCAFFOLDING REQTS. \_\_\_\_\_

INSULATION DETS. \_\_\_\_\_

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**NOT FOR FABRICATION  
 OR INSTALLATION**

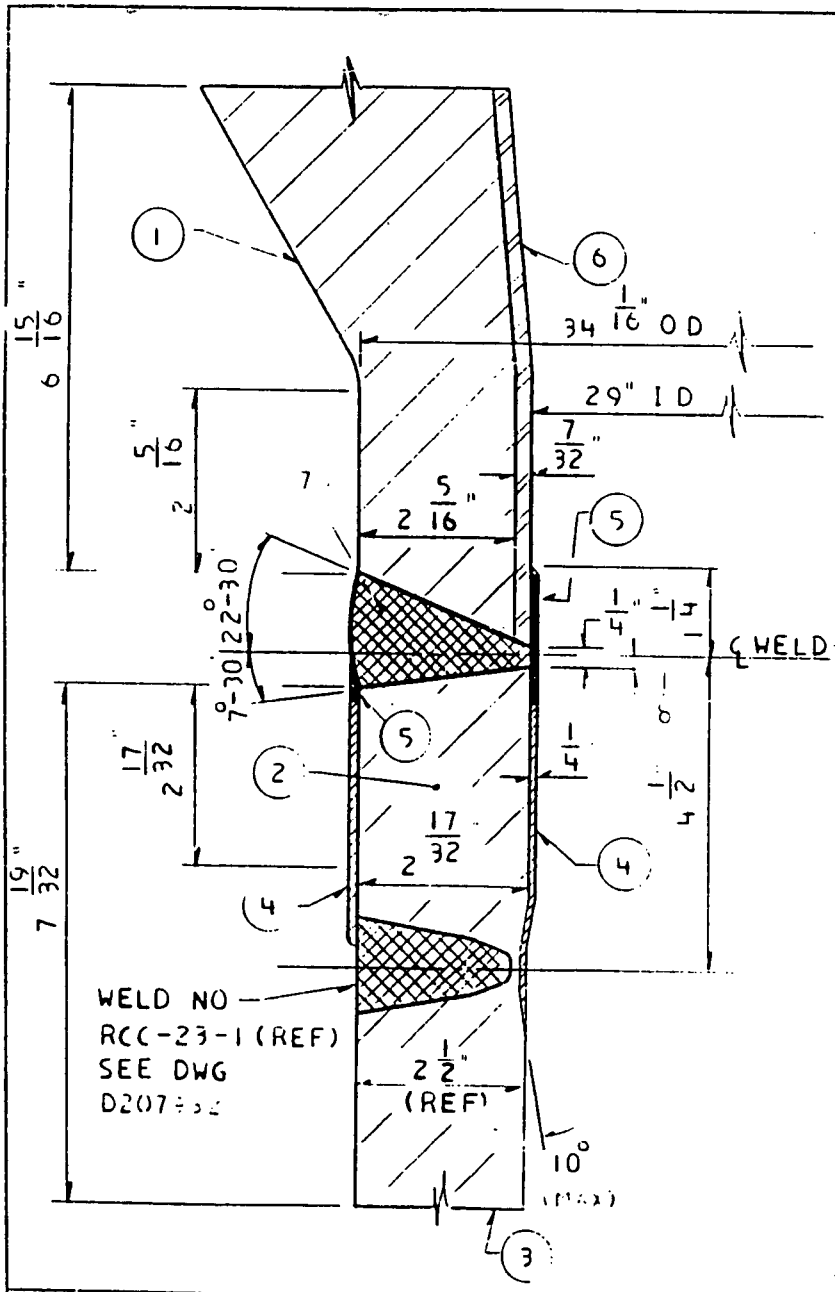
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 DRAWN BY PD CHECKED NICHOLS  
 SCALE 6" = 1'-0" Jo 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207777-0**  
 RECORDED 11/2-11/2

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207778**



WELD NO.  
 RCC-23-1 (REF)  
 SEE DWG  
 D207778

COMPONENT/LINE NO. REACTOR VESSEL  
 REF DWGS. A206913  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	NOZZLE	FORGED	ALLOY STL	A 508 - 64
2	SAFE END	FORGED	TYPE 316	SA 182
3	PIPE	SEAMLESS	STA STL	A376 TP 316
4	OVERLAY	WELD DPST	STA STL	TYPE 304 EQUIV
5	OVERLAY	WELD DPST	INCONEL	SE295+
6	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV
7	WELD	WELD DPST	INCONEL	

\* TYPE ENI (R FE 3 (INCONEL-2)

CALIBRATION BLOCK NO. \_\_\_\_\_  
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 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
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 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

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**NOT FOR FABRICATION  
 OR INSTALLATION**

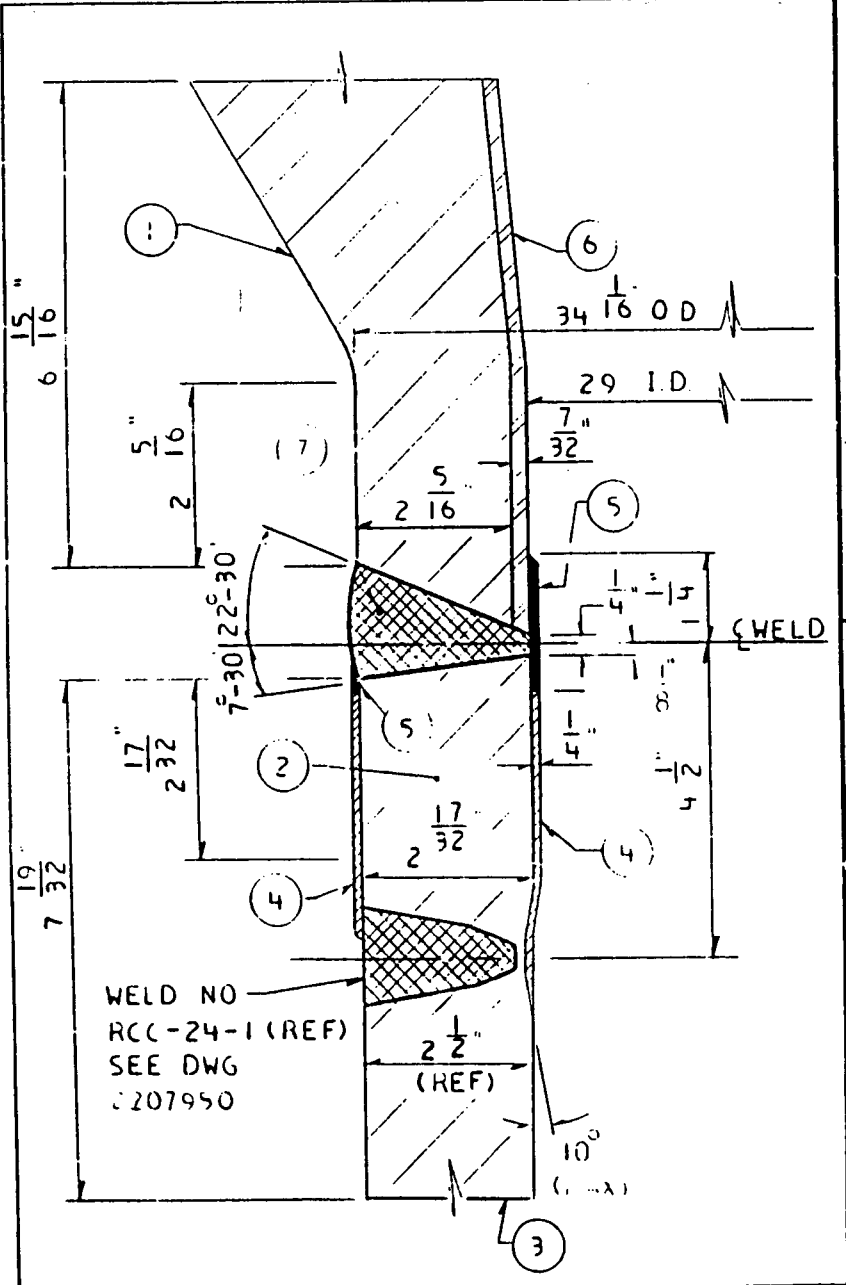
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 P.N. 7076  
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STATION - INDIAN POINT NO. 2  
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 DRAWN BY PD CHECKED NICHOLS  
 SCALE 6" = 1'-0" JO 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207778-0**  
 RECORDED

DWG. NO. **D 207773**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. REACTOR VESSEL  
REF. DWGS. A 206913  
QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	NOZZLE	FORGED	ALLOY STL	A 508 - 64
2	SAFE END	FORGED	5/8 TYPE 316	SA 182
3	PIPE	SEAMLESS	STA STL	A376 TP 316
4	OVERLAY	WELD DPST	STA STL	TYPE 304 EQUIV
5	OVERLAY	WELD DPST	INCONEL	SB 295 *
6	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV
7	WELD	WELD DPST	INCONEL	

\* TYPE ENRICH-3 (1101 182)

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
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 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

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**NOT FOR FABRICATION OR INSTALLATION**

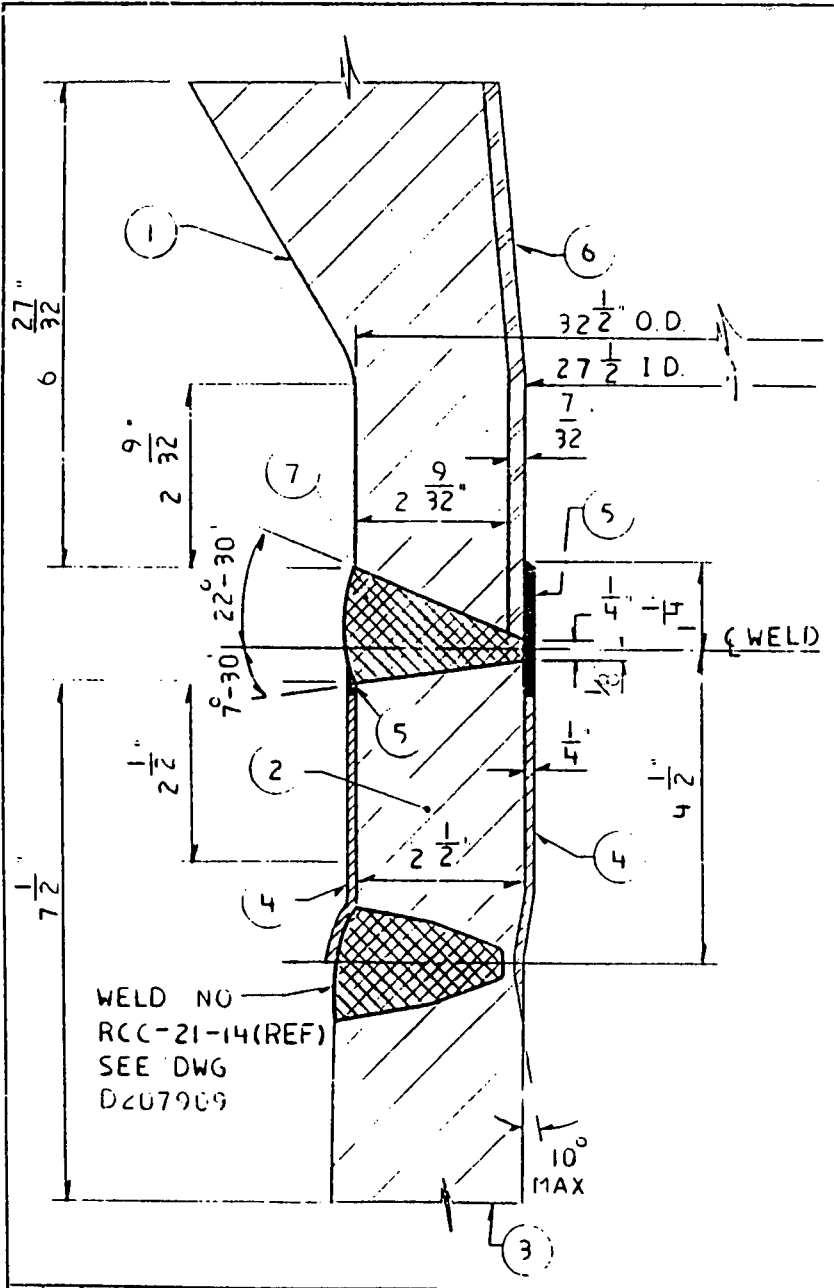
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 P.N. 7076  
 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVS-24-1A  
 DRAWN BY PD CHECKED \_\_\_\_\_  
 SCALE 6" = 1'-0" J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D 207779-0**  
 RECORDED

DWG. NO. **D207780**  
 STATION INDIAN POINT NO. 2



WELD NO  
 RCC-21-14(REF)  
 SEE DWG  
 D207909

COMPONENT/LINE NO. REACTOR VESSEL REF. DWG. A206913 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG / WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)	
1	NOZZLE	FORGED	ALLOY STL	A 508 - 64	
2	SAFE END	FORGED	TYPE 316	SA 182	
3	ELBOW	CAST	STA STL	ASTMA-351-65	GR CF8M
4	OVERLAY	WELD DPST	STA STL	TYPE 304 EQUIV	
5	OVERLAY	WELD DPST	INCONEL	SB 295*	
6	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV	
7	WELD	WELD DPST	INCONEL		

\* TYPE NI-CR-FE-3 (INCO 182)

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
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 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE
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 OR INSTALLATION**

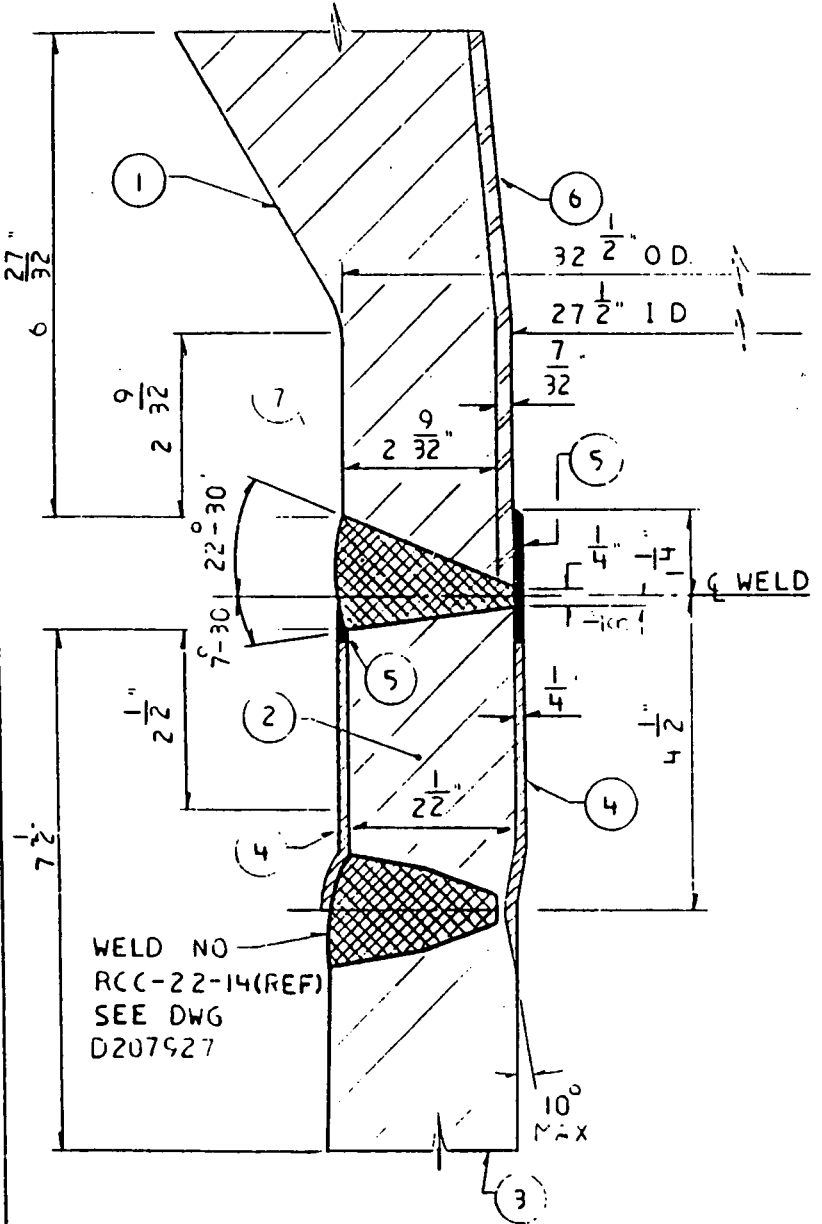
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 THIS ISSUE IS NON-CLASSIFIED PER "A" PER C1 240-11. RELEASE FOR RECORD P.N. 7076 11-3-76

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVS-21-14A  
 DRAWN BY PD CHECKED N1-11-1  
 SCALE 6" = 1'-0" J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207780-0**  
 RECORDED

DWG. NO. **D207781**  
STATION INDIAN POINT NO. 2



WELD NO  
RCC-22-14(REF)  
SEE DWG  
D207927

COMPONENT/LINE NO. REACTOR VESSEL  
REF DWGS. A 206913  
QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	NOZZLE	FORGED	ALLOY STL	A 50E - 64
2	SAFE END	FORGED	TYPE 316	SA 182
3	ELBOW	CAST	STA STL	ASTMA-351-65 GR CF8M
4	OVERLAY	WELD DPST	STA STL	TYPE 304EQUIV
5	OVERLAY	WELD DPST	INCONEL	SB 295 *
6	CLADDING	WELD DPST	STA STL	TYPE 304EQUIV
7	WELD	WELD DPST	INCONEL	

\* TYPE NI-CR-FE-3 (INCO 182)

CALIBRATION PLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE
_____	_____	_____	_____	_____
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COMMENTS \_\_\_\_\_  
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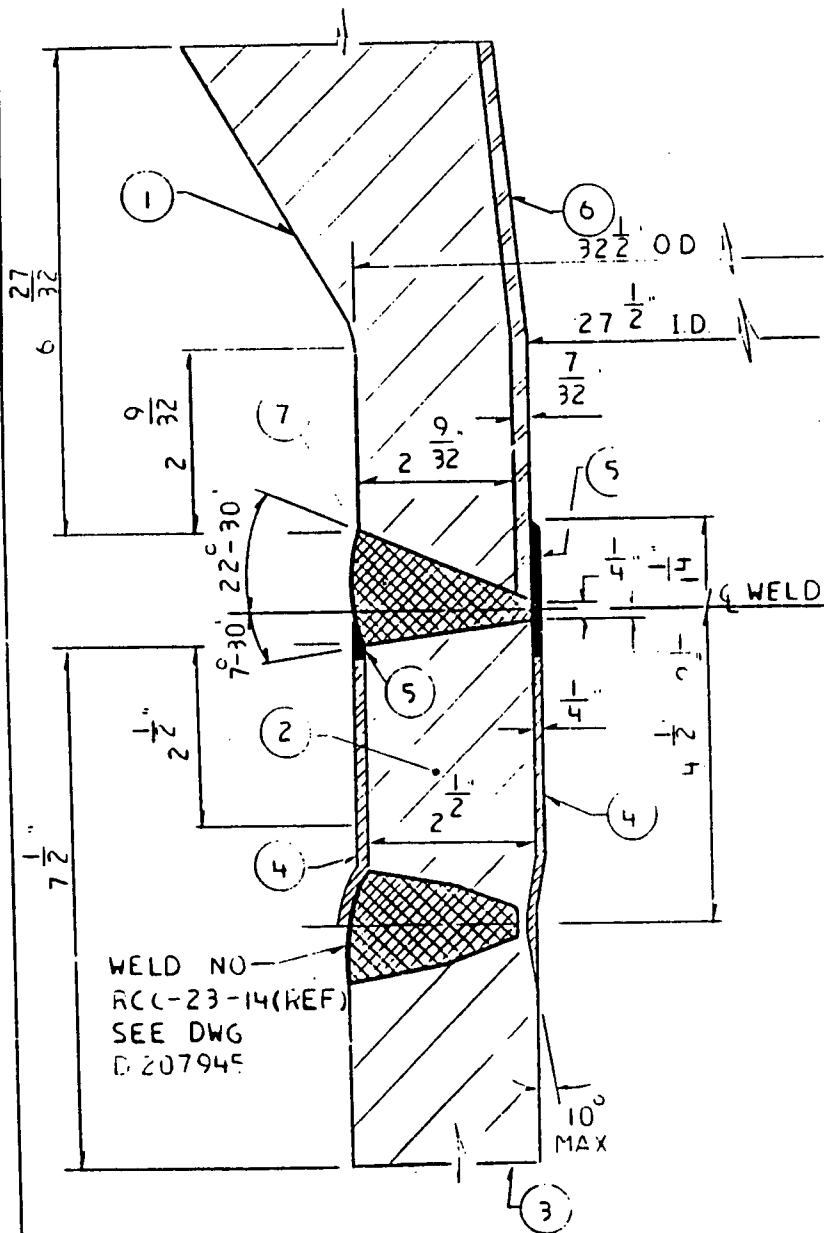
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RELEASE  
FOR RECORD  
PN. 7076  
11-5-76

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVS-22-14A  
 DRAWN BY PD CHECKED NJ  
 SCALE 6" = 1'-0" 10.7076-00-1

APPROVALS  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207781-0**  
 RECORDED

DWG. NO. **D 207782**  
 STATION INDIAN POINT NO. 2



WELD NO.  
 RCC-23-14(REF)  
 SEE DWG  
 D. 207945

COMPONENT/LINE NO. REACTOR VESSEL REF DWGS. A 206513 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	NOZZLE	FORGED	ALLOY STL	A 508 - 64
2	SAFE END	FORGED	SType 316	SA 182
3	ELBOW	CAST	STA STL	ASTM A-351-65 GRCF8M
4	OVERLAY	WELD DPST	STA STL	TYPE 304 EQUIV
5	OVERLAY	WELD DPST	INCUNEL	SB 295 *
6	CLADDING	WELD DPST	STA STL	TYPE 304 EQUIV
7	WELD	WELD DPST	INCUNEL	

\* TYPE NI-CR-FE-3 (INCO 182)

CALIBRATION BLOCK NO. \_\_\_\_\_

FABRICATION SPEC. \_\_\_\_\_

FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_

SURFACE COATING \_\_\_\_\_

SURFACE FINISH \_\_\_\_\_

CROWN CONDITION \_\_\_\_\_

SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_

WELD MARKINGS \_\_\_\_\_

SCAFFOLDING RQMTS. \_\_\_\_\_

INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION  
 OR INSTALLATION**

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 FOR RECORD  
 PN 7076  
 11-3-78

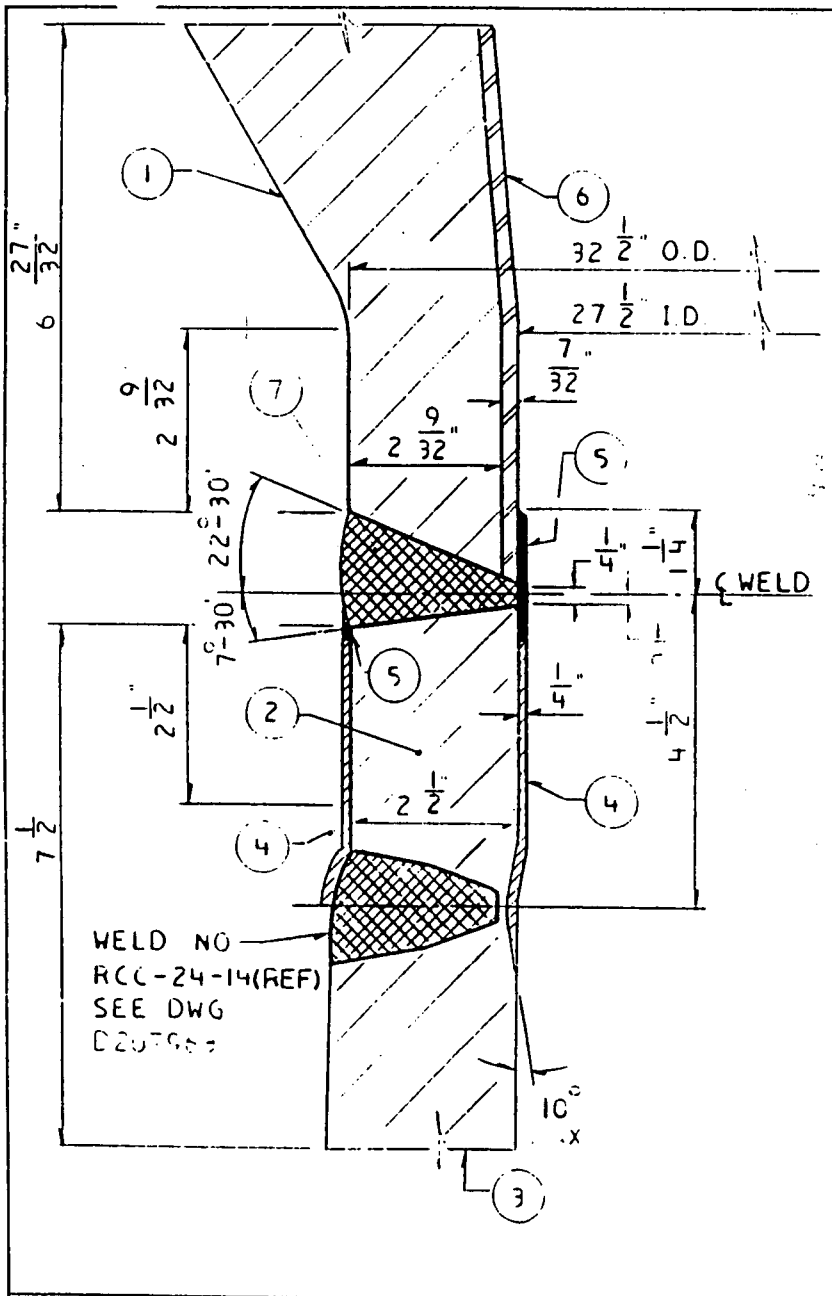
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVS-23-14A  
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APPROVALS  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D 207782 - 0**  
 RECORDED



STATION INDIAN POINT NO. 2  
 DWG. NO. **D207783**



WELD NO  
 RCC-24-14(REF)  
 SEE DWG  
 D207783

COMPONENT/LINE NO. REACTOR VESSEL  
 REF DWGS. A 206913  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)	
1	NOZZLE	FORGED	ALLOY STL	A 508 - 64	
2	SAFE END	FORGED	S/TYPE 316	SA 182	
3	ELBOW	CAST	STA STL	ASTMA-351-65	GRCFBM
4	OVERLAY	WELD DPST	STA STL	TYPE 304EQUIV	
5	OVERLAY	WELD DPST	INCONEL	SB 295*	
6	CLADDING	WELD DPST	STA STL	TYPE 304EQUIV	
7	WELD	WELD DPST	INCONEL		

\* TYPE NI - (CR-FE-3 (INCO 182))

CALIBRATION BLOCK NO. \_\_\_\_\_

FABRICATION SPEC. \_\_\_\_\_

FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_

SURFACE COATING \_\_\_\_\_

SURFACE FINISH \_\_\_\_\_

CROWN CONDITION \_\_\_\_\_

SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_

WELD MARKINGS \_\_\_\_\_

SCAFFOLDING RQMTS. \_\_\_\_\_

INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE
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COMMENTS \_\_\_\_\_

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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RPVS-24-14A  
 DRAWN BY PD CHECKED NICHOLS  
 SCALE 6" = 1'-0" J.o. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D 207783-0**  
 RECORDED

**RELIEF REQUEST NUMBER 12**  
(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 2  
References: Table IWC-2500-1, Figure IWB-2500-8  
Examination Category: B-F  
Item Number: B5.40, B5.70  
Description: Examination of Pressurizer and Steam Generator Nozzle-to-Safe End Welds  
Component Numbers: See Page 2  
Reference Drawings: A206918 - Pressurizer  
A206914 - Steam Generator No. 21  
A206915 - Steam Generator No. 22  
A206916 - Steam Generator No. 23  
A206917 - Steam Generator No. 24

**CODE REQUIREMENT**

Table IWC-2500-1, Category B-F, requires surface and volumetric examinations be performed on the nozzle-to-safe-end welds of the steam generators and pressurizer each inspection interval.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(g)(5)(iii) and (g)(6)(i), relief is requested from performing volumetric examinations of 100% of the code required volume on the basis that implementation of the Code requirements is impractical.

The Pressurizer and Steam Generators were designed and fabricated to Codes in effect during the late 1960s. The Codes did not require these components be designed for full access for inservice inspection. The conditions noted below restrict areas for a complete examination.

The 100% volumetric examination requirements for the nozzle-to-safe end weld surfaces of the pressurizer and steam generators are limited by the following:

- o Contours of the nozzle-to-safe end weld surfaces. Specifically, the as-fabricated contours of these welds are rounded with relatively high crowns of non-uniform heights.
- o The as-cast geometry of the nozzles and vessel head.
- o Nozzle weld reinforcement.
- o Adjacent welds on thermal sleeves and rolled-in liners.
- o The configuration of elbows connected to safe ends.

The combination of weld crown contours, the as-cast geometry of nozzles, nozzle reinforcement welds, adjacent welds, and elbows preclude complete volumetric examination of nozzle-to-safe end welds as required by Code.

**RELIEF REQUEST NUMBER 12**

(Page 2 of 2)

**PROPOSED ALTERNATE EXAMINATION**

Surface examinations will be performed on all nozzle-to-safe end welds as required by Items B5.40 and B5.70. Best effort volumetric examinations by ultrasonic methods will be performed on all welds. The examinations to be performed will be consistent with those performed during the preservice inspection and the first and second inspection intervals. The examination techniques are the same as those employed during the first and second interval. Portions of the required volume not examined will be identified. Visual examinations (VT-2) for evidence of leakage during the system pressure test will be performed at each refueling in accordance with IWB-2500, Category B-P and Code Case N-498.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

Based on the reliable operating history of these and similar nozzles at other plants and the performance of surface examination and partial ultrasonic examination; and a visual examination (VT-2) capable of detecting any through-wall defects prior to a catastrophic failure ("leak before break"), granting of this relief will not result in a decrease in the overall level of quality and safety.

**COMPONENT NUMBERS**

**Pressurizer Nozzle-to-Safe End Welds (Item No. B5.40)**

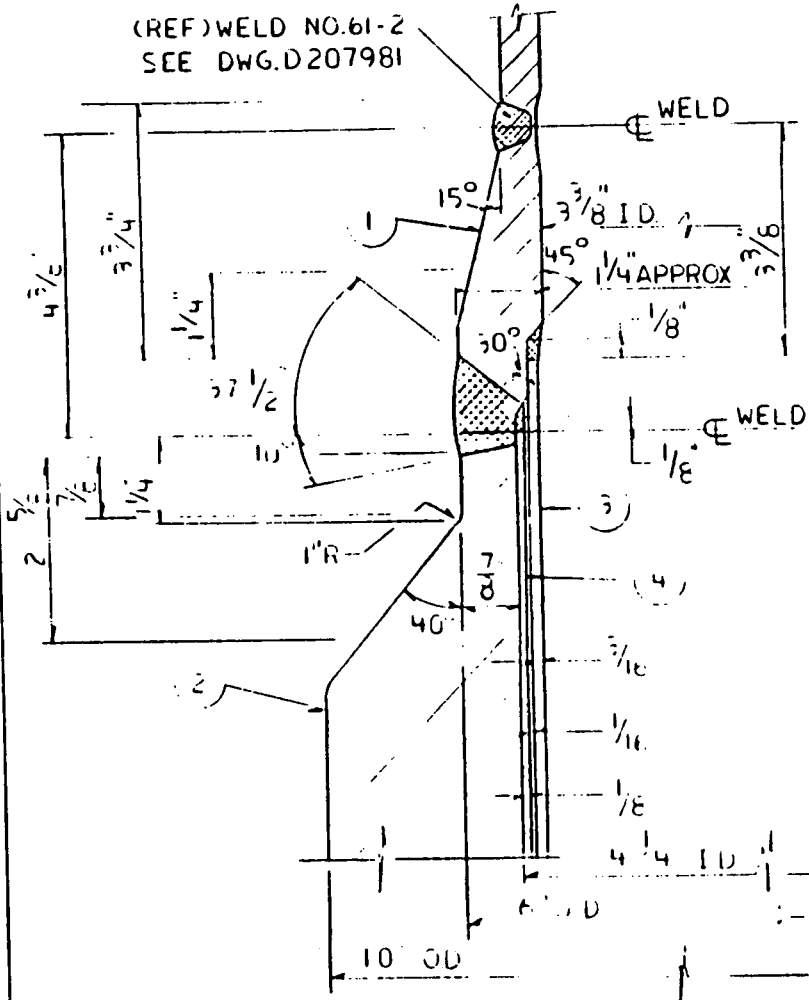
<u>Weld Number</u>	<u>Drawing</u>
PZRS1	D207830
PZRS2	D207831
PZRS3	D207832
PZRS4	D207833
PZRS5	D207834
PZRS6	D207835

**Steam Generator Nozzle-to-Safe End Welds (Item No. B5.70)**

<u>Weld Number</u>	<u>Drawing</u>
SGS 21-4	D207899
SGS 21-5	D207900
SGS 22-4	D207917
SGS 22-5	D207918
SGS 23-4	D207935
SGS 23-5	D207936
SGS 24-4	D207953
SGS 24-5	D207954

DWG. NO. **D207830**

STATION INDIAN POINT NO. 2



(REF) WELD NO. 61-2  
SEE DWG. D207981

COMPONENT/LINE NO. PRESSURIZER NOZ1

REF. DWGS. A206913

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	SAFE END	FORGED	ST. STL	SA-182 F316
2	SPRAY NOZZ.	CASTING	CARBON STL	SA-216 GR WCC
3	THERMAL SLEEVE	ROLLED IN	ST. STL.	T308L
4	LINER	ROLLED IN	ST. STL	TYPE 304 EQUIV

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

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 RECORDS MANAGEMENT CENTER  
 NOT FOR FABRICATION OR INSTALLATION  
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 JAN 11 1994

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION  
OR INSTALLATION**

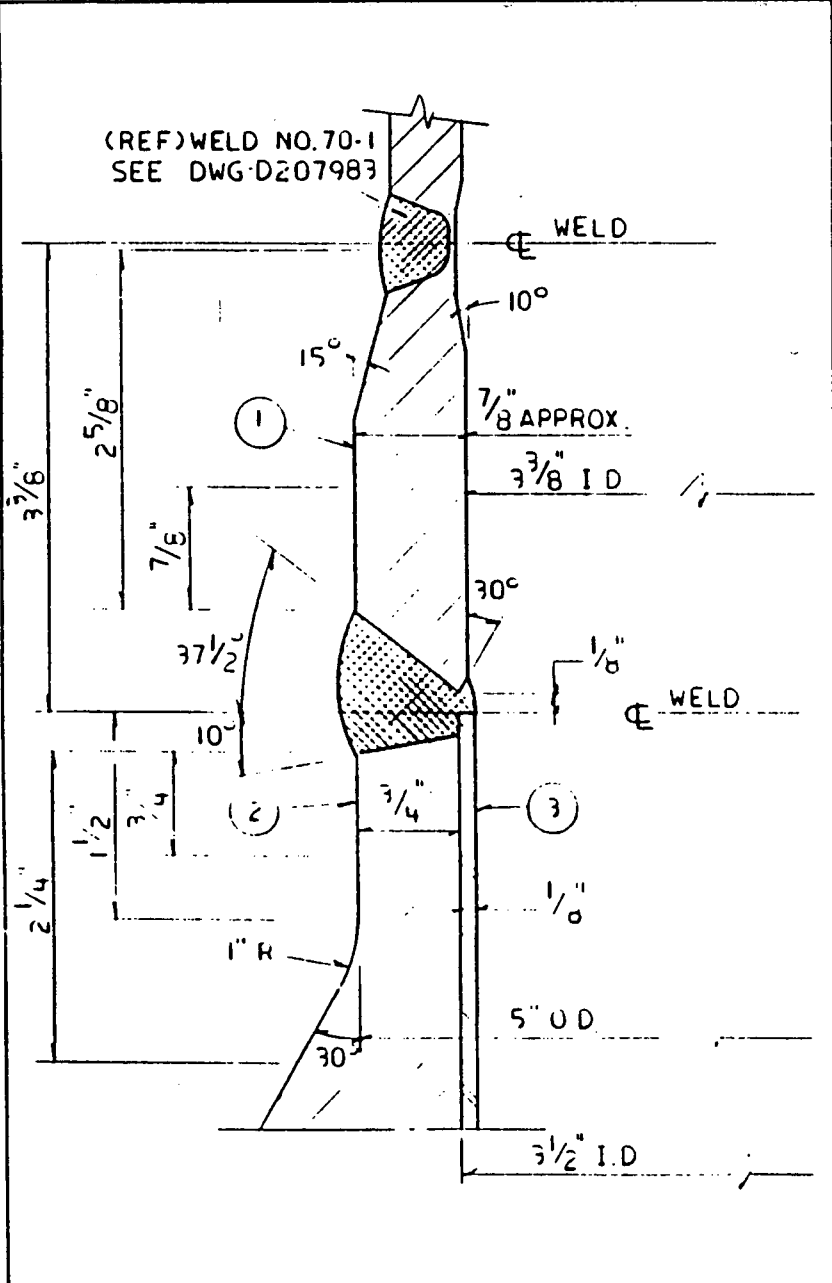
REVISIONS  
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 BY 11-3-96

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. PZRS-1  
 DRAWN BY H.A. CHECKED A. SIMONE  
 SCALE 6"=1'-0" JO. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207830-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207831**



COMPONENT/LINE NO. PRESSURIZER NO. 21

REF. DWGS. A206918

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	SAFE END	FORGED	ST. STL.	SA-182 F 316
2	RELIEF NOZZ.	CASTING	CARBON STL.	SA-216 GRWC
3	LINER	ROLLED-IN	ST. STL.	TYPE 304 EQUIV

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING ROOMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

RECORDS ISSUED BY THE RECORDS MANAGEMENT CENTER  
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 -APR 1 1998

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_

**NOT FOR FABRICATION OR INSTALLATION**

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 P.N. 7076  
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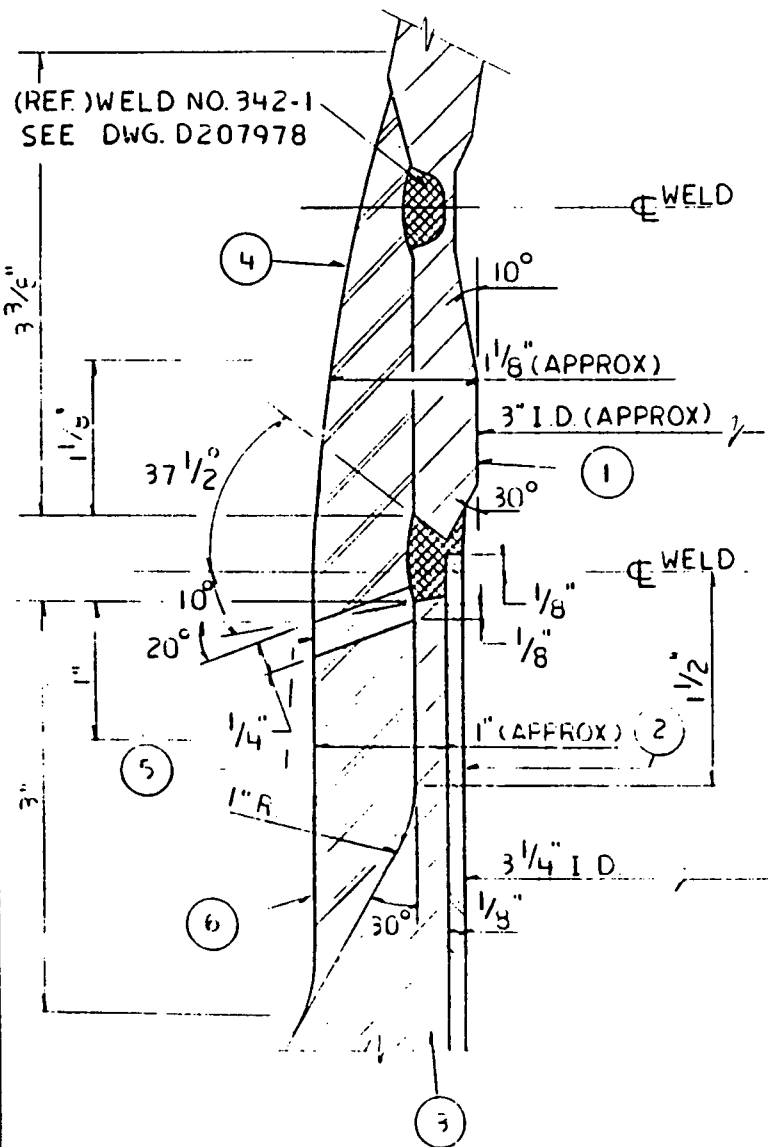
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 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. PZRS-2  
 DRAWN BY W.A. CHECKED A. SIMONE  
 SCALE FULL I.O. 7076-00-1

APPROVALS  
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CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207831-0**  
 RECORDED 11/21/98

DWG. NO. **D207832**

STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. PRESSURIZER NO. 21

REF DWGS. A206918

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	SAFE END	FORGED	ST. STL.	SA-182 F316
2	LINER	ROLL-IN	ST. STL.	TYPE 304 EQUIV.
3	SAFETY NOZZLE	CASTING	CARBON STL	SA216 GRWCC
4	WELD-BUILDUP	WELD DSPT	ST. STL.	E 308
5	WELD-BUILDUP	WELD DSPT	ST. STL.	E 309.15
6	WELD-BUILDUP	WELD DSPT	CARBON STL	E -7018

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

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EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE
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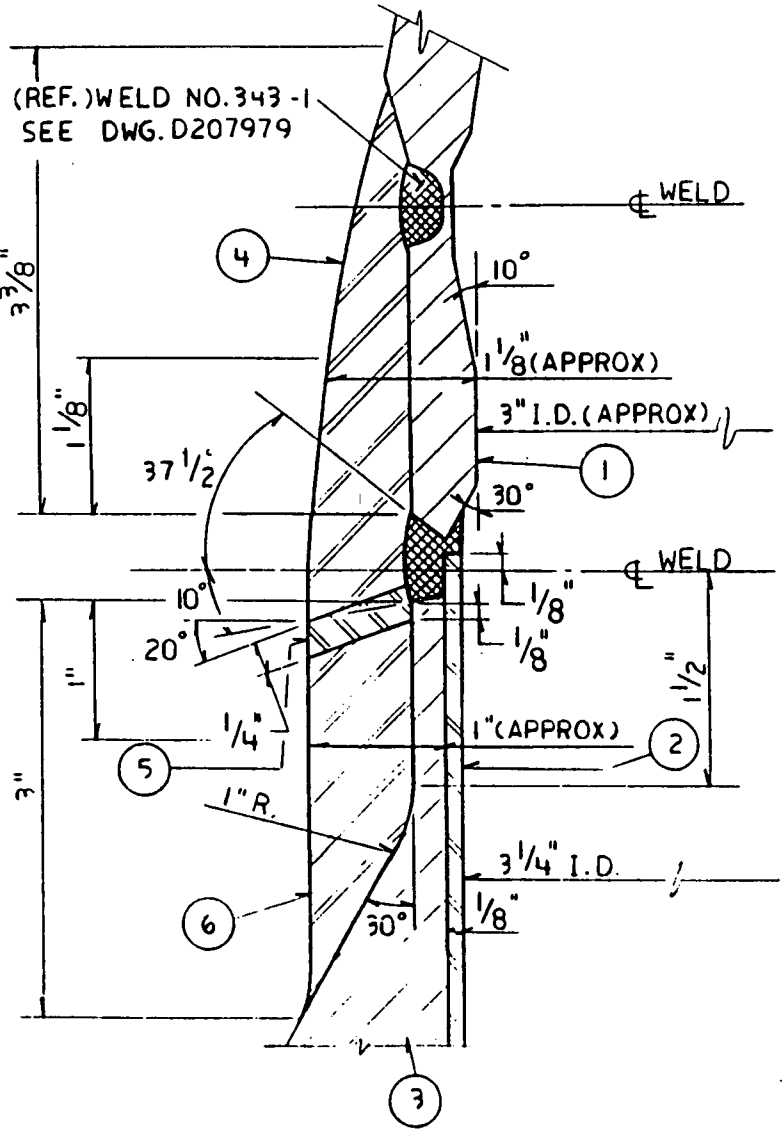
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. PZRS-3  
 DRAWN BY W A CHECKED A. S. J. 11/16  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207832-0**  
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STATION INDIAN POINT NO. 2  
 DWG. NO. **D207833**



COMPONENT/LINE NO. PRESSURIZER NO. 21  
 REF. DWGS. A206918  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	SAFE END	FORGED	ST. STL.	SA-182 F316
2	LINER	ROLL-IN	ST. STL.	TYPE 304 EQUIV.
3	SAFETY NOZZLE	CASTING	CARBON STL	SA-216 GRWCC
4	WELD-BUILD UP	WELD DSPT	ST. STL.	E 308
5	WELD-BUILD UP	WELD DSPT	ST. STL.	E 309.15
6	WELD-BUILD UP	WELD DSPT	CARBON STL	TYPE 304 EQUIV

CALIBRATION BLOCK NO. \_\_\_\_\_  
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 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

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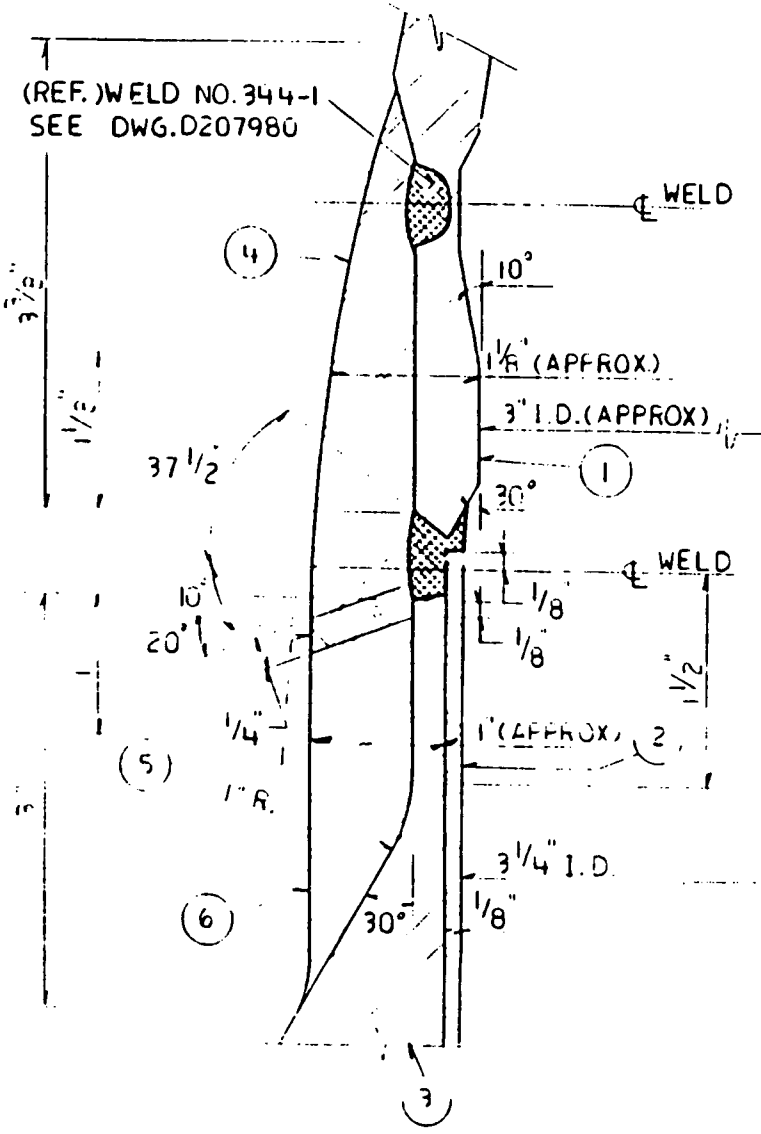
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 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. PZRS-4  
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 SCALE FULL J.O. 7076-00-1

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 DWG. NO. **D207833-0**  
 RECORDED 11/21/78

DWG. NO. **D207834**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. PRESSURIZER NO 21  
REF DWGS. A206918  
QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	SAFE END	FORGED	ST. STL.	SA-182 F316
2	LINER	ROLL-IN	ST. STL.	TYPE 304 EQUIV.
3	SAFETY NOZZLE	CASTING	CARBON STL	SA 216 GRWCC
4	WELD-BUILDUP	WELD DSPT	ST. STL.	E 308
5	WELD-BUILDUP	WELD DSPT	ST. STL.	E 309.15
6	WELD BUILD UP	WELD DSPT	CARBON STL	TYPE 304 EQUIV

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

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OR INSTALLATION**

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 FOR RECORD  
 RN 7076  
 11-3-76

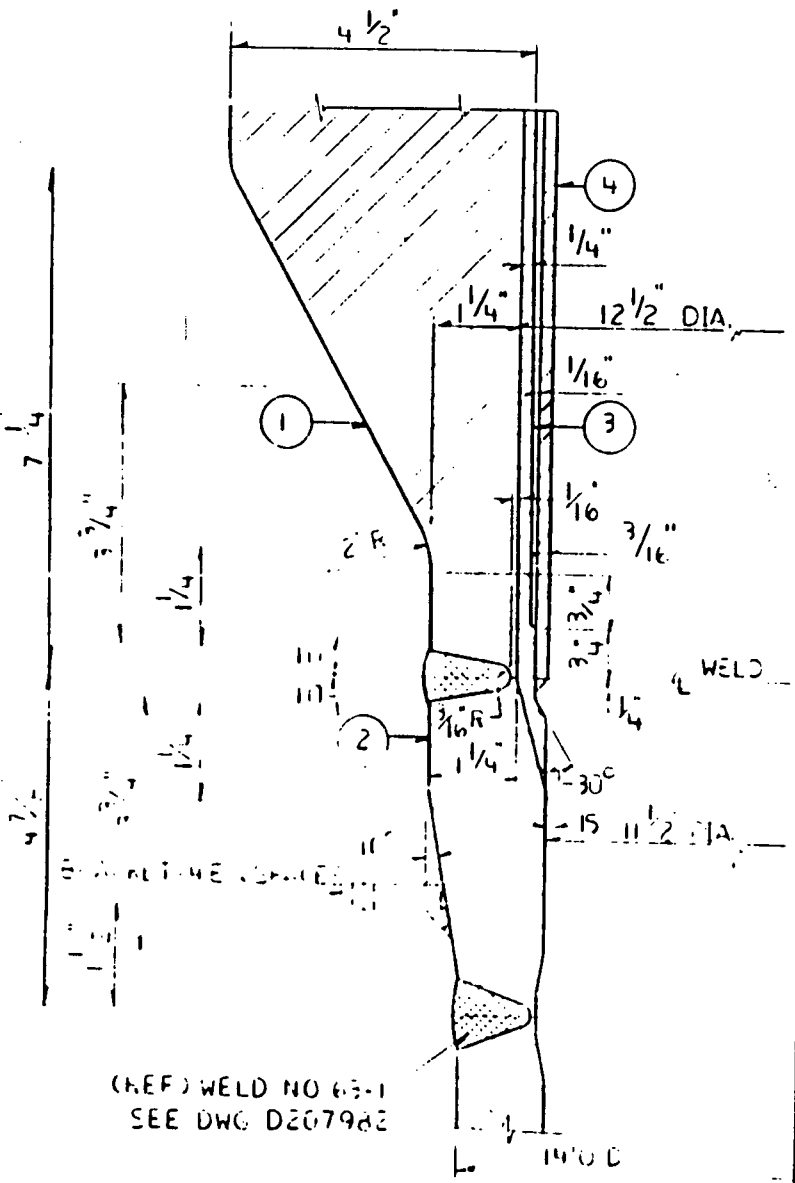
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 WELD NO. PZRS-5  
 DRAWN BY JMA CHECKED A. Sim...  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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 ENG.

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207834-0**  
 RECORDED



STATION INDIAN POINT NO. 2  
 DWG. NO. **D207835**



(REF) WELD NO 65-1  
 SEE DWG D207982

COMPONENT/LINE NO. PRESSURIZER NO 21  
 REF DWGS. A20691  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG. / WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	SURGE NOZZLE	CASTING	CARBON STL	SA-216-GR WCC
2	NOZZLE SAFF END	PIPE	STAINLESS STL	SA-312 T316
3	LINER	ROLLED IN	STAINLESS STL	TYPE 304 EQUIV.
4	THERMAL SLEEVE	ROLLED	ST STL	T308L

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ISSUED BY THE RECORD MANAGEMENT CENTER  
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ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE
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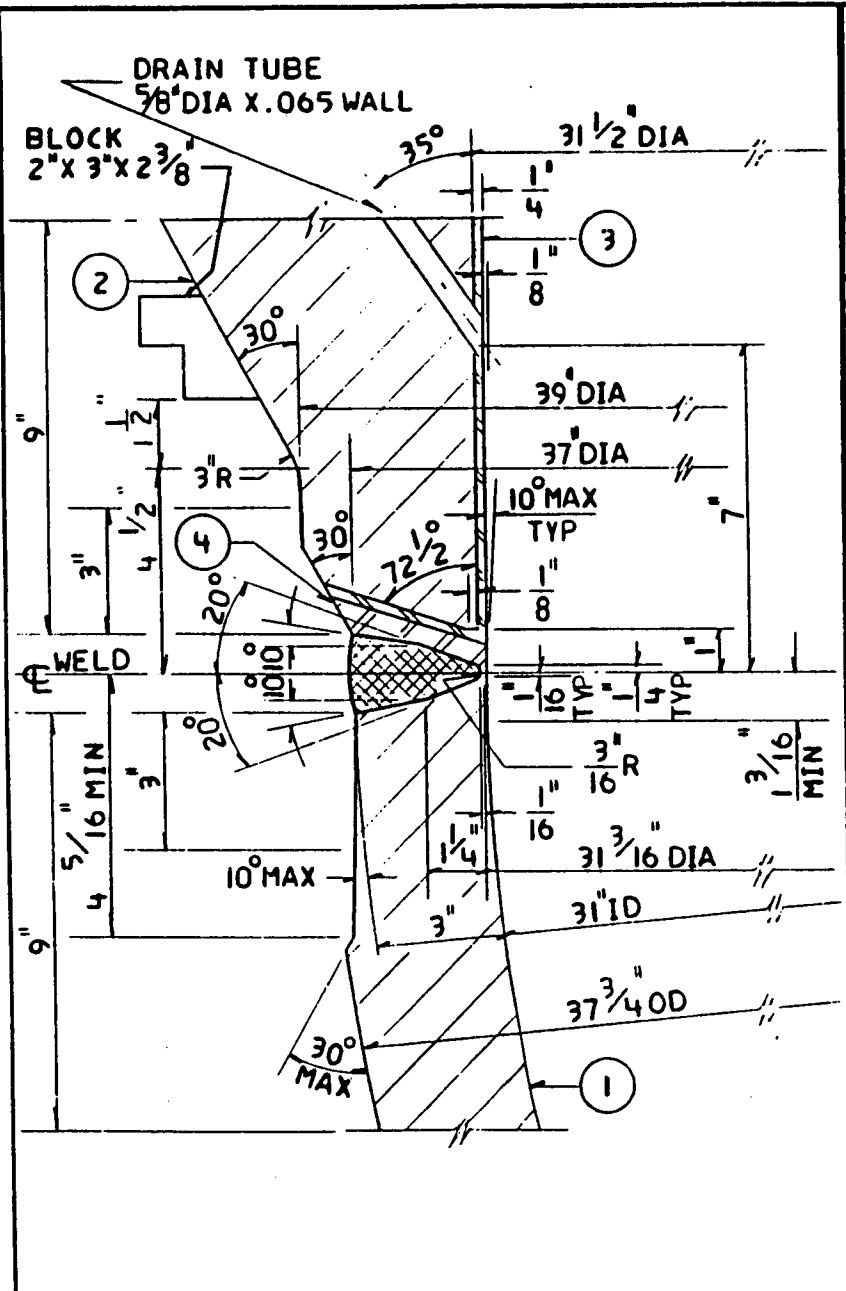
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. PZRS-6  
 DRAWN BY L B CHECKED A. SIMONIC  
 SCALE 6" = 1'-0" J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207835 - 0**  
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STATION INDIAN POINT NO. 2  
 DWG. NO. **D207899**



COMPONENT/LINE NO. TO PRI COOL. SYS LOOP  
 ST GEN NO. 21  
 REF. DWGS. A206924  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG / WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	ELBOW	CASTING	ST STL	A351-65
2	NOZZLE	CASTING	CARB STL	SA216 GRWC8
3	CLADDING	WELD DPST	ST STL	T309L
4	WLD BUTTERING	WELD DPST	ST STL	T308L

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @ X FT.    DATE


COMMENTS \_\_\_\_\_

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 P.N. 7076  
 11-3-78

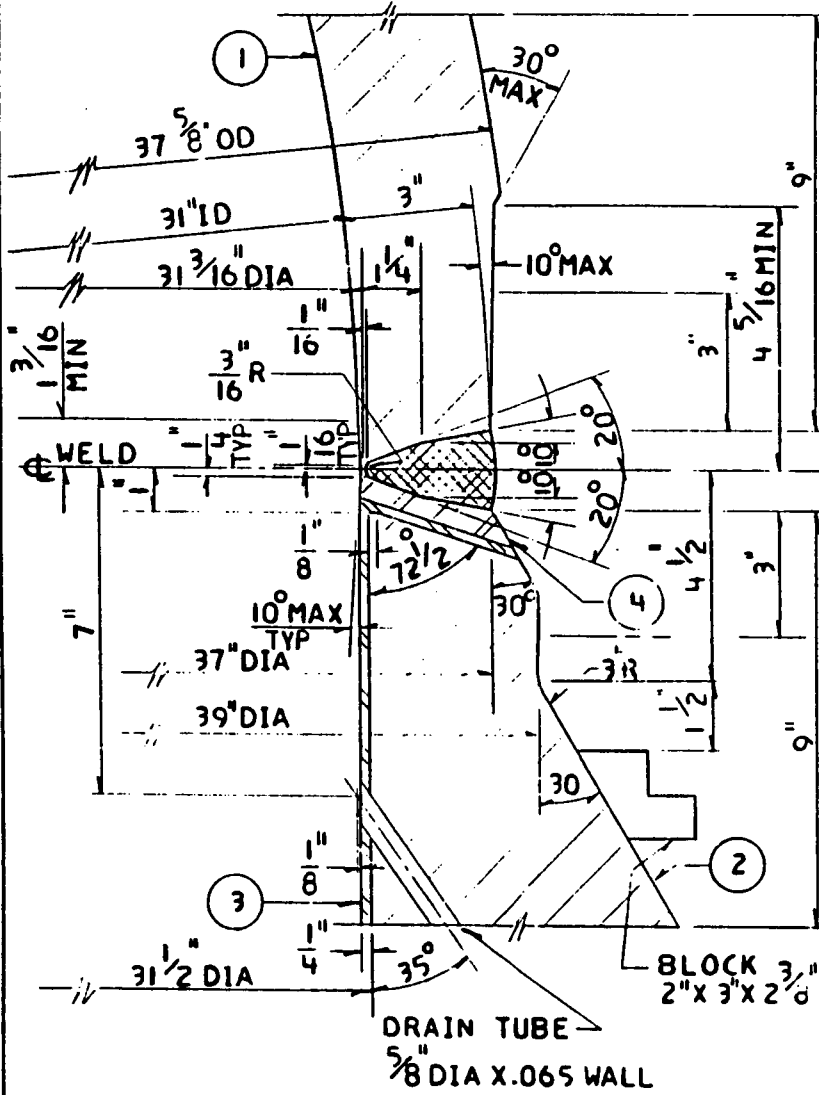
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. 565-21-4  
 DRAWN BY DJC    CHECKED ANDRUSHKO  
 SCALE 4" = 1'-0    I.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207899-0**  
 RECORDED

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STATION INDIAN POINT NO. 2  
 DWG. NO. **D207900**



COMPONENT/LINE NO. PRI COOL. SYS LOOP  
 TO ST GEN NO. 21

REF. DWGS. A206924

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	ELBOW	CASTING	ST STL	A351-65
				GR CF8M
2	NOZZLE	CASTING	CARB STL	SA216 GR WCB
3	CLADDING	WELD DPST	ST STL	T309L
4	MLDBUTTERING	WELD DPST	ST STL	T308L

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ 2 FT.	DATE

COMMENTS \_\_\_\_\_  
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. SGS-21-5  
 DRAWN BY DJC CHECKED ANDRUSHEK  
 SCALE 4" = 1'-0 J.O. 7076-00-1

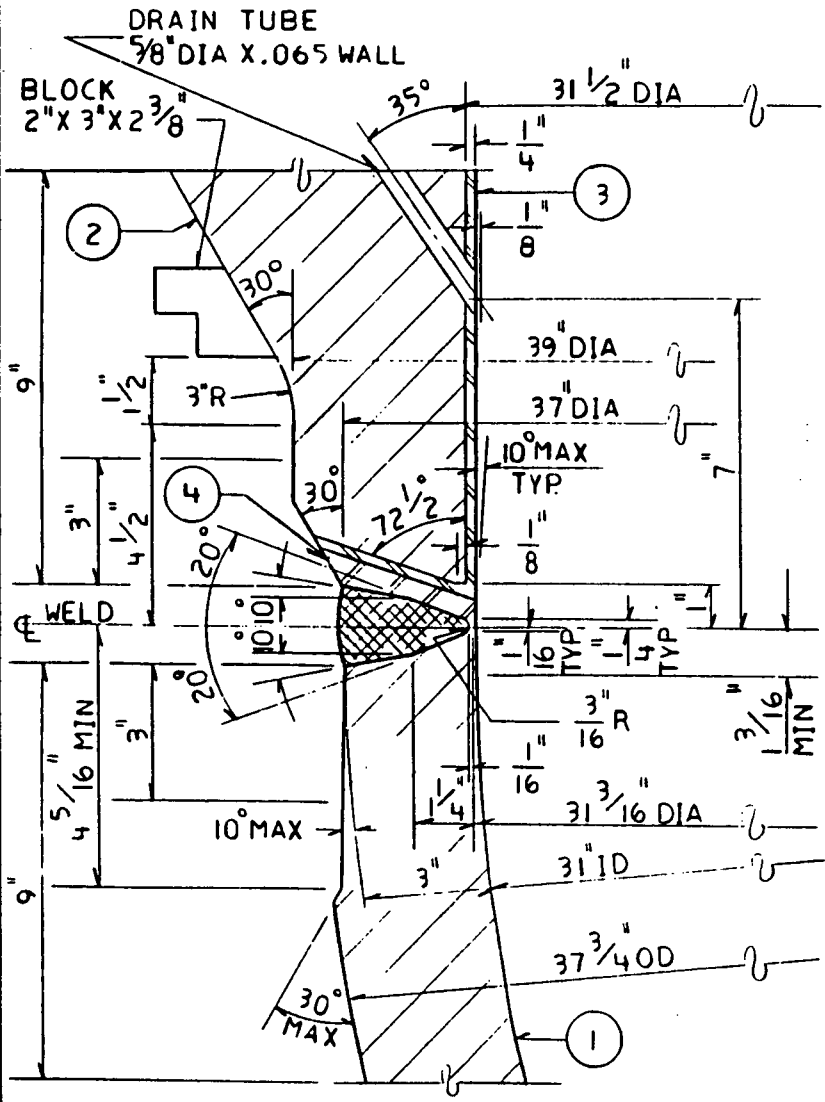
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 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207900-0**  
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11/21/78

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STATION INDIAN POINT NO. 2  
 DWG. NO. **D207917**



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COMPONENT/LINE NO. TO ST GEN NO 22  
 REF: DWGS. A206925  
 QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	ELBOW	CASTING	ST STL	A351-65 GR.CF8M
2	NOZZLE	CASTING	CARB STL	SA216 GRWC8
3	CLADDING	WELD DPST	ST. STL	T309L
4	WLD BUTTERING	WELD DPST	ST. STL	T308L

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

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JAN 11 1994

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X.FT.	DATE

COMMENTS \_\_\_\_\_  
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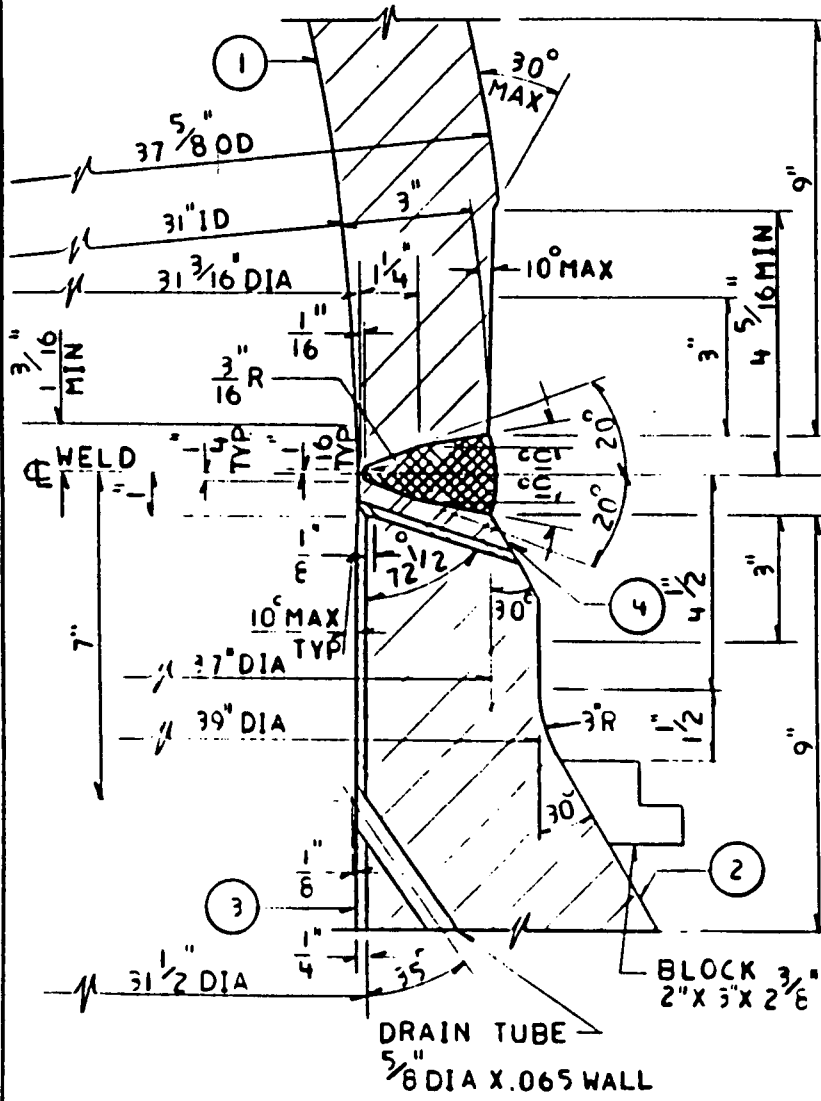
**NOT FOR FABRICATION OR INSTALLATION**

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. SGS-22-4  
 DRAWN BY JMA CHECKED W. ANDRUSHKIC  
 SCALE 4" = 1'-0 J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. \_\_\_\_\_  
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 ENG. \_\_\_\_\_

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207917-0**  
 RECORDED

DWG. NO. **D207918**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. **PRI COOL. SYS LOOP TO ST GEN NO. 22**  
REF. DWGS. **A206925**  
QUALITY GROUP **A**

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	ELBOW	CASTING	ST STL	A351-65 GR.CF8M
2	NOZZLE	CASTING	CARB STL	SA 216GRWC
3	CLADDING	WELD DPST	ST STL	T309L
4	WLD BUTTERING	WELD DPST	ST STL	T308L

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
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COMMENTS \_\_\_\_\_  
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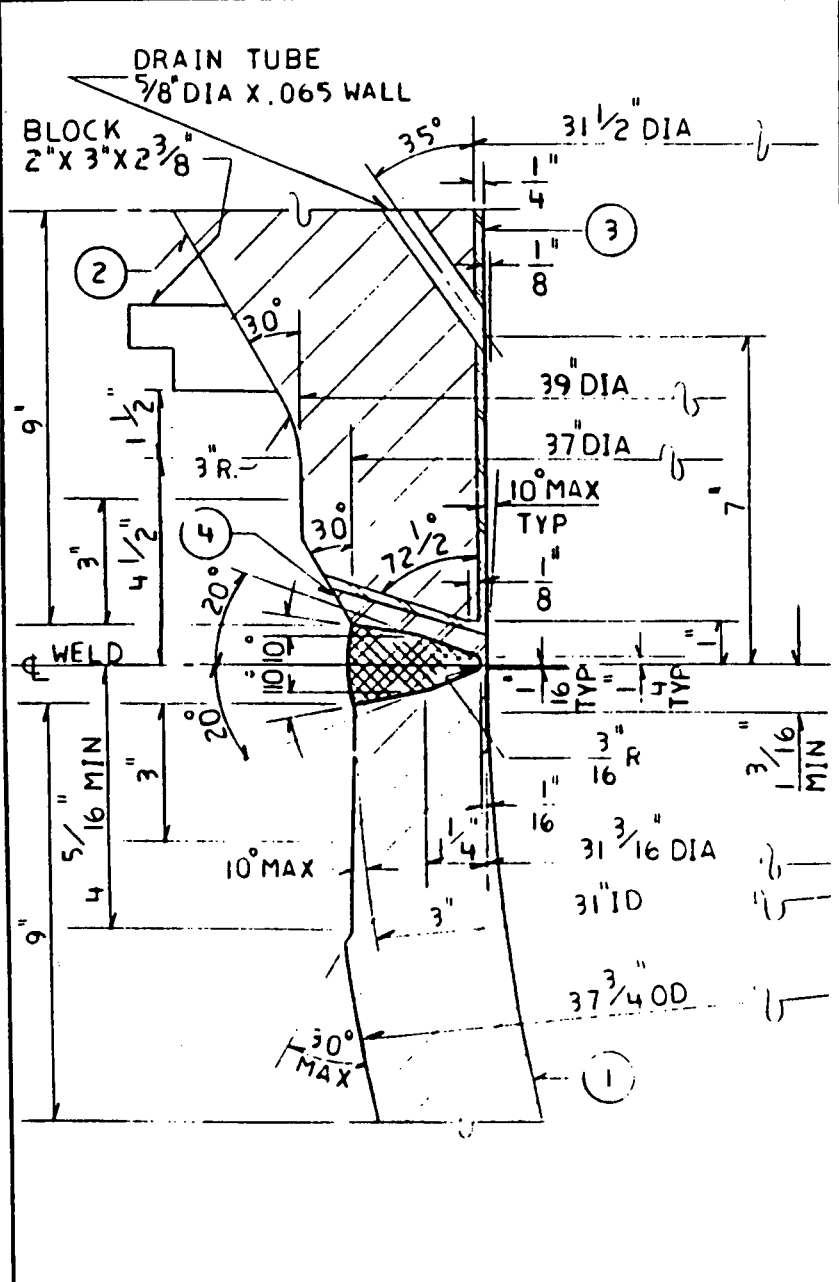
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 CI 240-I  
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 FOR RECORD  
 PN. 7076  
 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. **SGS-22-5**  
 DRAWN BY **JS** CHECKED **W ANDRUSHKO**  
 SCALE **4" = 1'-0"** J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. \_\_\_\_\_  
 ENG. \_\_\_\_\_  
 ENG. \_\_\_\_\_

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207918-0**  
 RECORDED **11/17/78**

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207935**



COMPONENT/LINE NO. **PRI COOL SYS LOOP TO ST GEN NO 23**  
 REF. DWGS. A206926  
 QUALITY GROUP **A**

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG. / WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	ELBOW	CASTING	ST STL	A351-65
2	NOZZLE	CASTING	CARB STL	SA216 6RWCB
3	CLADDING	WELD DPST	ST STL	T309L
4	WLD BUTTERING	WELD DPST	ST STL	T308L

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_ **JAN 11 1994**  
 SCAFFOLDING REQTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_

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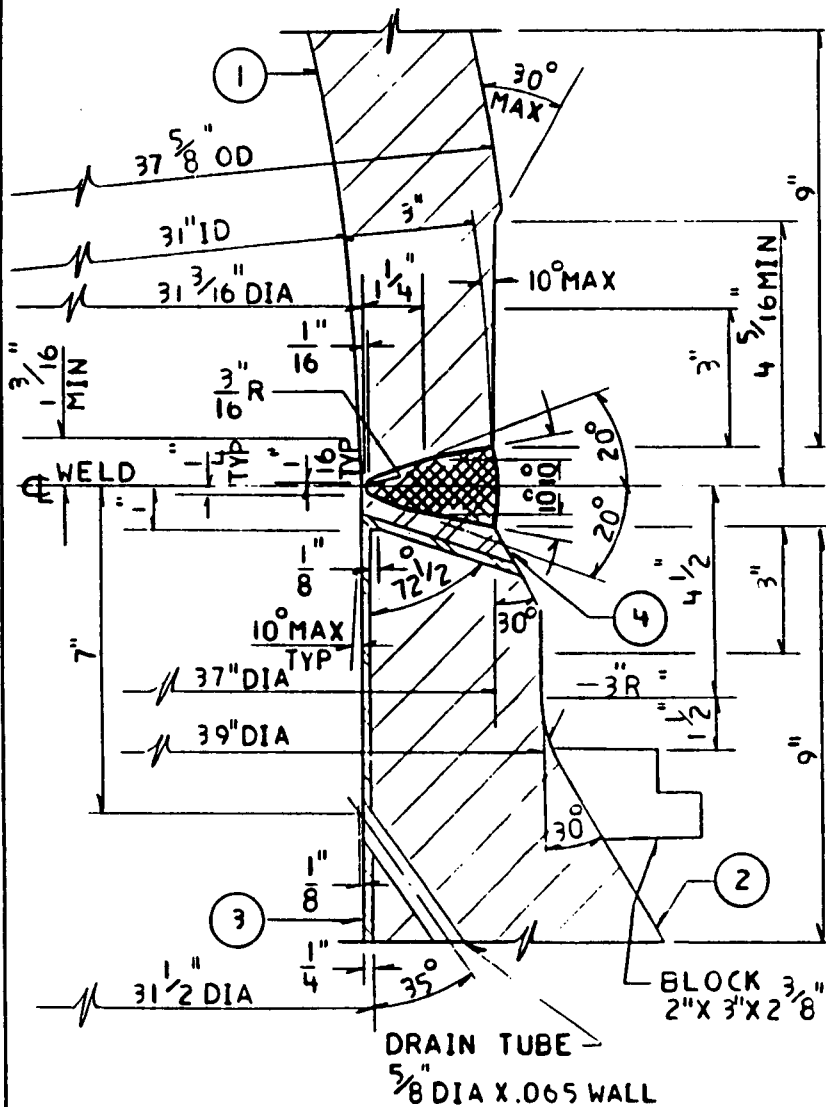
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. **SGS-23-4**  
 DRAWN BY **JMA** CHECKED **ANDRUSHKO**  
 SCALE **4" = 1'-0"** I.O. **7076-00-1**

APPROVALS  
 CHIEF DESIGN ENG. \_\_\_\_\_  
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 ENG. \_\_\_\_\_

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207935-0**  
 RECORDED \_\_\_\_\_

11/2/78

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207936**



COMPONENT/LINE NO. PRI COOL. SYS LOOP  
 TO ST GEN NO. 23

REF. DWGS. A206926

QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	ELBOW	CASTING	ST STL	A351-65
2	NOZZLE	CASTING	CARB STL	SA216GRWCB
3	CLADDING	WELD DPST	ST STL	T309L
4	WLD BUTTERING	WELD DPST	ST STL	T308L

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

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EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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 FOR RECORD.  
 RN. 7076  
 11-3-78

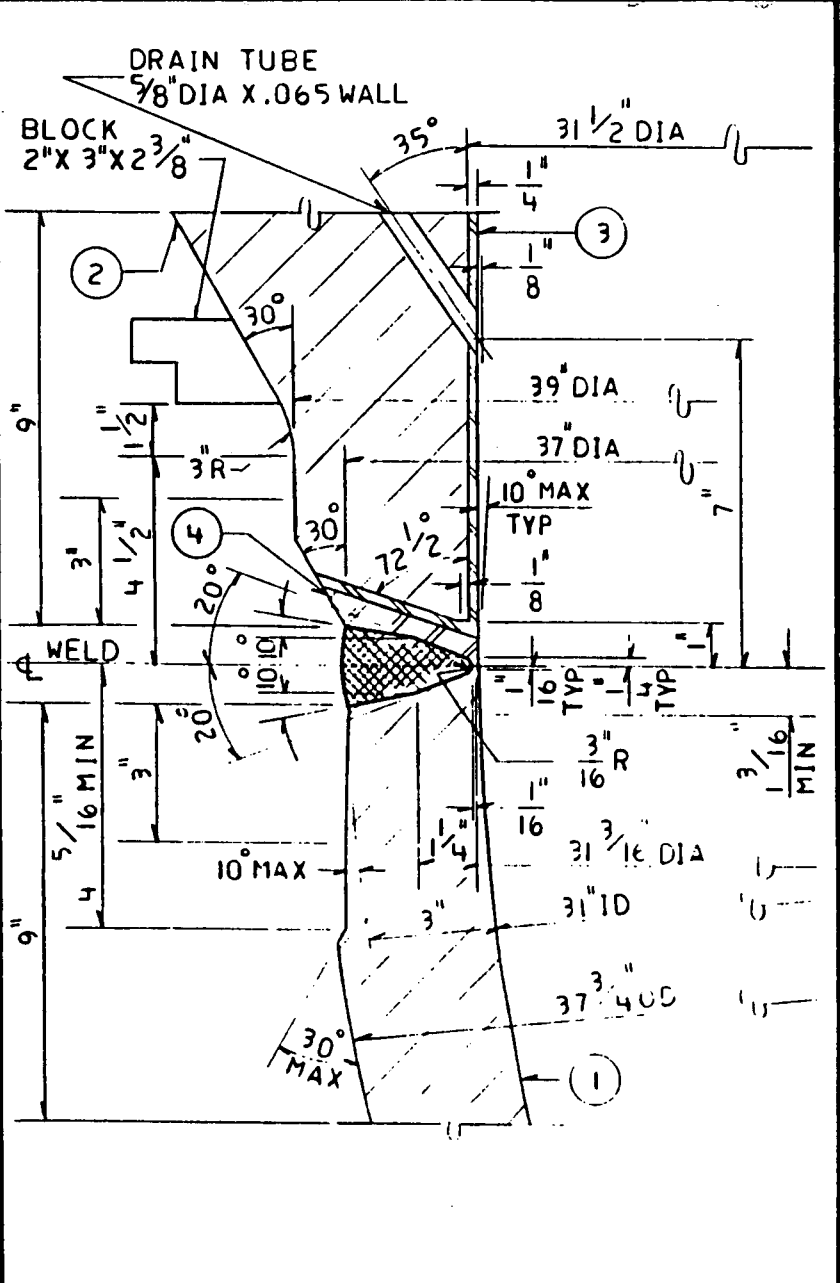
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. S.G.S-23-5  
 DRAWN BY JS CHECKED ANDRUSHKO  
 SCALE 4" = 1'-0 J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. \_\_\_\_\_  
 ENG. \_\_\_\_\_

CONSOLIDATED EDISON CO. OF N. Y., INC  
 DWG. NO. **D207936-0**  
 RECORDED

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DWG. NO. **D207953**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. **PRI COOL. SYS LOOP**  
TO ST GEN. NO. 24  
REF. DWGS. A206927  
QUALITY GROUP A

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	ELBOW	CASTING	ST STL	A351-65
2	NOZZLE	CASTING	CARB STL	SA216 GRWCB
3	CLADDING	WELD DPST	ST STL	T309
4	WLD BUTTERING	WELD DPST	ST STL	T308 L

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_  
 EXPOSURE LEVELS    mr ON CONTACT    DATE    mr @ X FT.    DATE

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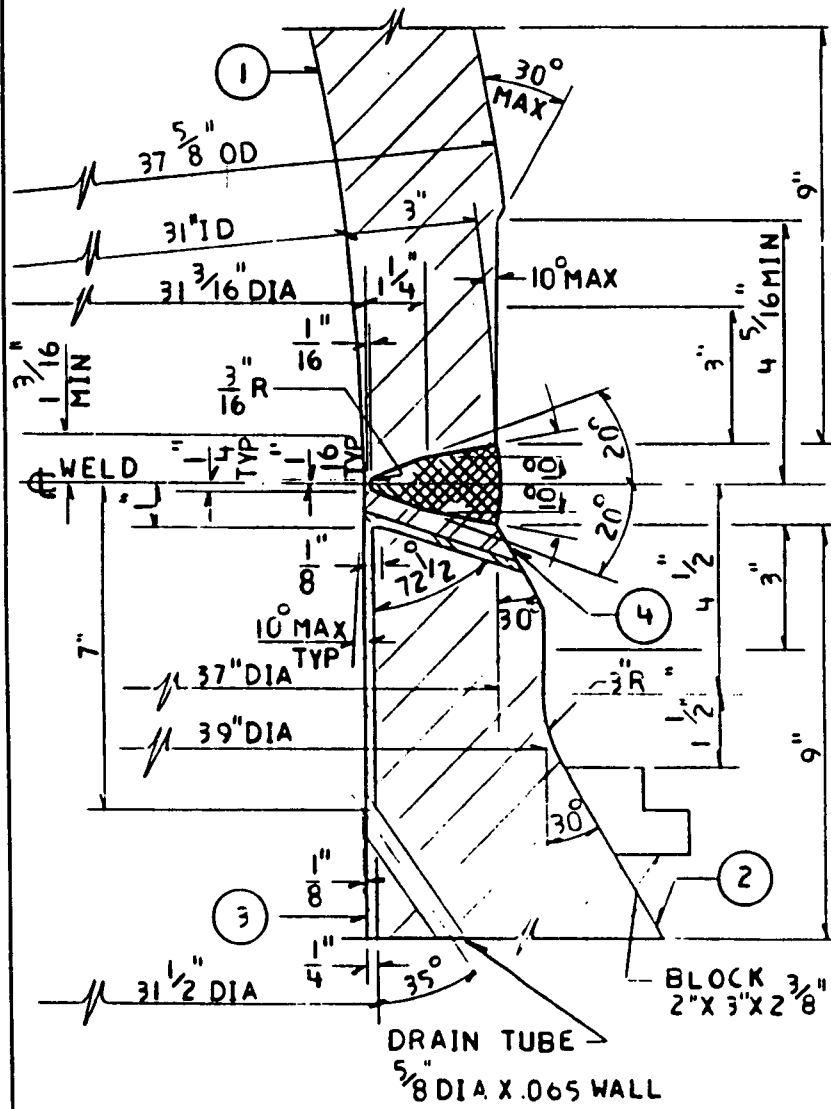
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. 565-24-4  
 DRAWN BY JMA    CHECKED ANDRUSHKO  
 SCALE 4" = 1'-0"    J.O. 7076-00-1

APPROVALS  
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 ENG. *[Signature]*  
 ENG. *[Signature]*

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207953-0**  
 RECORDED *11/21/78*



DWG. NO. **D207954**  
STATION INDIAN POINT NO. 2



COMPONENT/LINE NO. **PRI COOL SYS LOOP TO ST GEN NO 24**  
REF. DWGS. **A206927**  
QUALITY GROUP **A**

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	ELBOW	CASTING	ST STL	A351-65
2	NOZZLE	CASTING	CARB STL	SA 216GRWCB
3	CLADDING	WELD DPST	ST STL	T309L
4	WLD BUTTERING	WELD DPST	ST STL	T308L

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

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EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_

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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. **SGS-24-5**  
 DRAWN BY **JS** CHECKED **ANDRUSHKO**  
 SCALE **4" = 1'-0"** J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. \_\_\_\_\_  
 ENG. \_\_\_\_\_  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207954-0**  
 RECORDED \_\_\_\_\_

**RELIEF REQUEST NUMBER 16**  
(Page 1 of 3)

**COMPONENT IDENTIFICATION**

Code Class: 2  
References: Table IWC-2500-1  
Examination Category: C-A, C-B, and C-C  
Item Number: C1.10, C1.20, C2.31, and C3.10  
Description: Examination of Residual Heat Removal Heat Exchanger Shell and Head Circumferential Welds, Reinforcing Plate to Nozzle Welds and Vessel Integrally Welded Attachments  
Component Numbers: See Page 3  
Reference Drawing: A206919

**CODE REQUIREMENT**

Table IWC-2500-1, Categories C-A, C-B and C-C require surface and a volumetric examinations be performed on the RHR heat exchanger shell and head welds and integral attachments.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(a)(3)(ii), relief is requested on the basis that compliance with the code requirements would result in hardship or unusual difficulty without a compensating increase in the level of quality and safety.

The RHR Heat Exchangers and their insulation system were designed and fabricated during the late 1960s and early 1970s. The Codes in effect at that time did not require access to RHR Heat Exchangers for inservice inspection examination.

Access for examination of the shell and head circumferential welds, reinforcing plate welds to nozzle and vessel and integrally welded attachments is precluded by insulation which was not designed for removal and replacement for examination purposes. The Residual Heat Removal (RHR) heat exchangers are vertically mounted. The insulation of the bottom head is designed as essentially one unit supported by the shaping of the insulation around the inlet and outlet piping. Removing the portion of the insulation required for examination access will result in removing vertical support for the insulation on the head. Carefully controlled removal of the insulation will require erection of scaffolding and significant work activity near the head where radiation fields are on the order of 30-35 rem/hr. The effort to erect scaffolding, remove the insulation, prepare surfaces for examination, conduct the examinations, replace the insulation, and disassemble the scaffolding will result in significant personnel radiation exposure. Based on the reliable operating history of these heat exchangers and similar units at other nuclear plants, the increase in assurance of component integrity that would result from these examinations is not sufficient to compensate for the personnel hazard that would result from performing these examinations.

**RELIEF REQUEST NUMBER 16**  
(Page 2 of 3)

**PROPOSED ALTERNATE EXAMINATION**

The RHR heat exchangers will be visually examined once each inspection period for leakage during the system pressure test in accordance with IWC-2500, Category C-H, and Code Case N-498.

It is expected that any through wall defects would be detected by this examination prior to the failure of the heat exchanger based on the expectation that the component will experience leakage before a catastrophic failure ("leak before break").

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The level of inspections proposed for the third interval have been in effect for the first two inspection intervals. The expected exposure of personnel to radiation in order to remove the insulation and prepare the component for examination will not provide a significant enough increase in quality and safety to justify the hazards involved. Based on the reliable operating history of this and similar vessels at other plants, granting of this relief will not decrease the level of quality and safety.

**RELIEF REQUEST NUMBER 16**  
(Page 3 of 3)

**COMPONENT NUMBERS**

**Shell-to-Flange Welds Item No. C1.10**

<u>Weld Number</u>	<u>Drawing</u>
RHX C21-1	D207836
RHX C22-1	D207840

**Shell-to-Head Welds Item No. C1.20**

<u>Weld Number</u>	<u>Drawing</u>
RHX C21-2	D207837
RHX C22-2	D207841

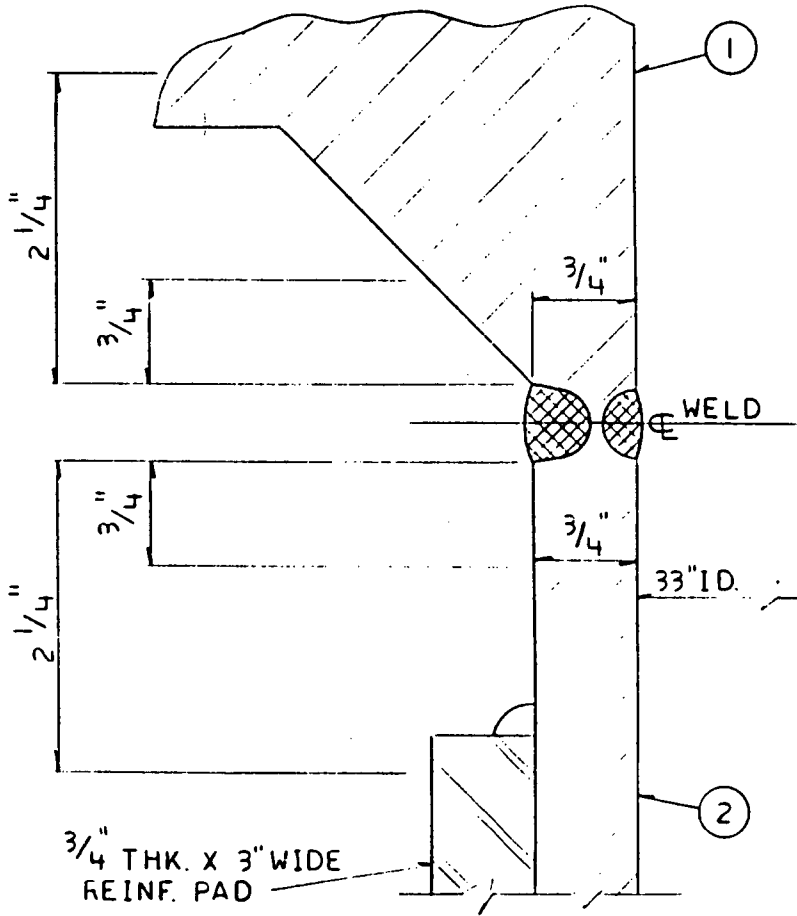
**Reinforcing Plate Welds to Nozzle and Vessel Item No. C2.31**

<u>Weld Number</u>	<u>Drawing</u>
RHX N21-1A	D207838
RHX N21-1B	D207838
RHX N21-2A	D207839
RHX N21-2B	D207839
RHX N22-1A	D207842
RHX N22-1B	D207842
RHX N22-2A	D207843
RHX N22-2B	D207843

**Integrally Welded Attachments Item No. C3.10**

<u>Weld Number</u>	<u>Drawing</u>
RHX-21-ISW-A	A206919
RHX-21-ISW-B	A206919
RHX-22-ISW-A	A206919
RHX-22-ISW-B	A206919

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207836**



PICTORIAL REPRESENTATION OF WELD GEOMETRY.  
 MANUFACTURERS WELD PREP DIMENSIONS &  
 CONFIGURATION NOT AVAILABLE.

COMPONENT/LINE NO. RESIDUAL HEAT EXCHANGER NO. 21  
 REF. DWGS. A 206919  
 QUALITY GROUP B

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	FLANGE	FORGED	ST.STL 304	SA 182
2	CHANNEL	PLATE	ST.STL 304	SA 240

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

ISSUED BY THE  
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JAN 11 1994

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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 OR INSTALLATION**

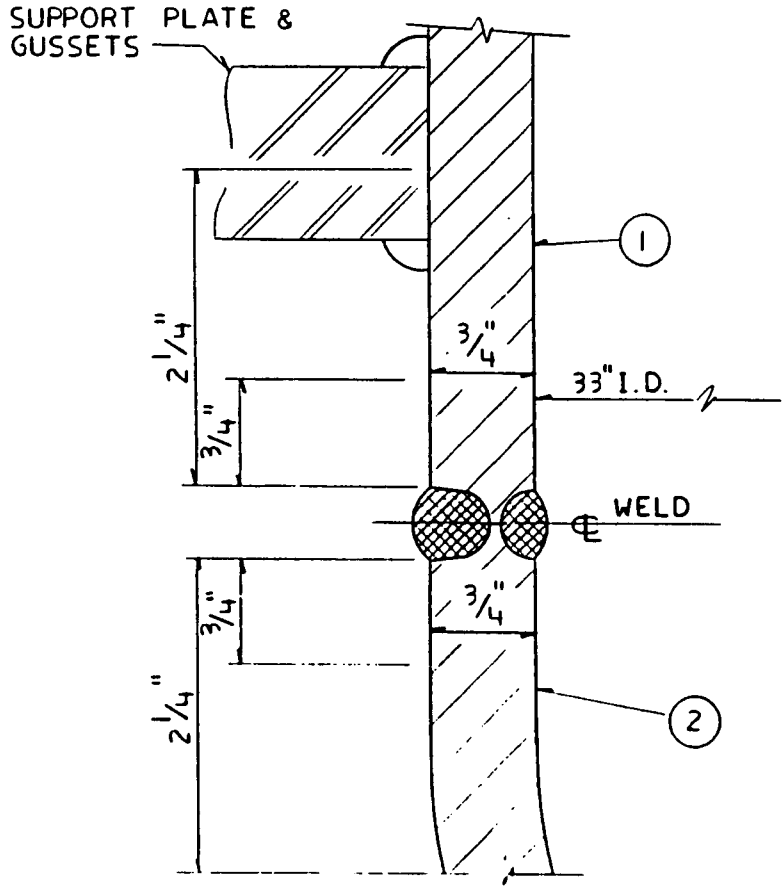
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 P.N. 7076  
 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RHXC-21-1  
 DRAWN BY W.A. CHECKED A. SIMONE  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207836-0**  
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STATION INDIAN POINT NO. 2  
 DWG. NO. **D207837**



PICTORIAL REPRESENTATION OF WELD GEOMETRY.  
 MANUFACTURERS WELD PREP DIMENSIONS &  
 CONFIGURATION NOT AVAILABLE.

COMPONENT/LINE NO. RESIDUAL HEAT EXCHANGER NO. 21  
 REF. DWGS. A 206919  
 QUALITY GROUP B

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL	PLATE	ST.STL304	SA 240
2	CHANNEL HEAD	FORMED	ST.STL304	SA 240

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

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ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
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EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

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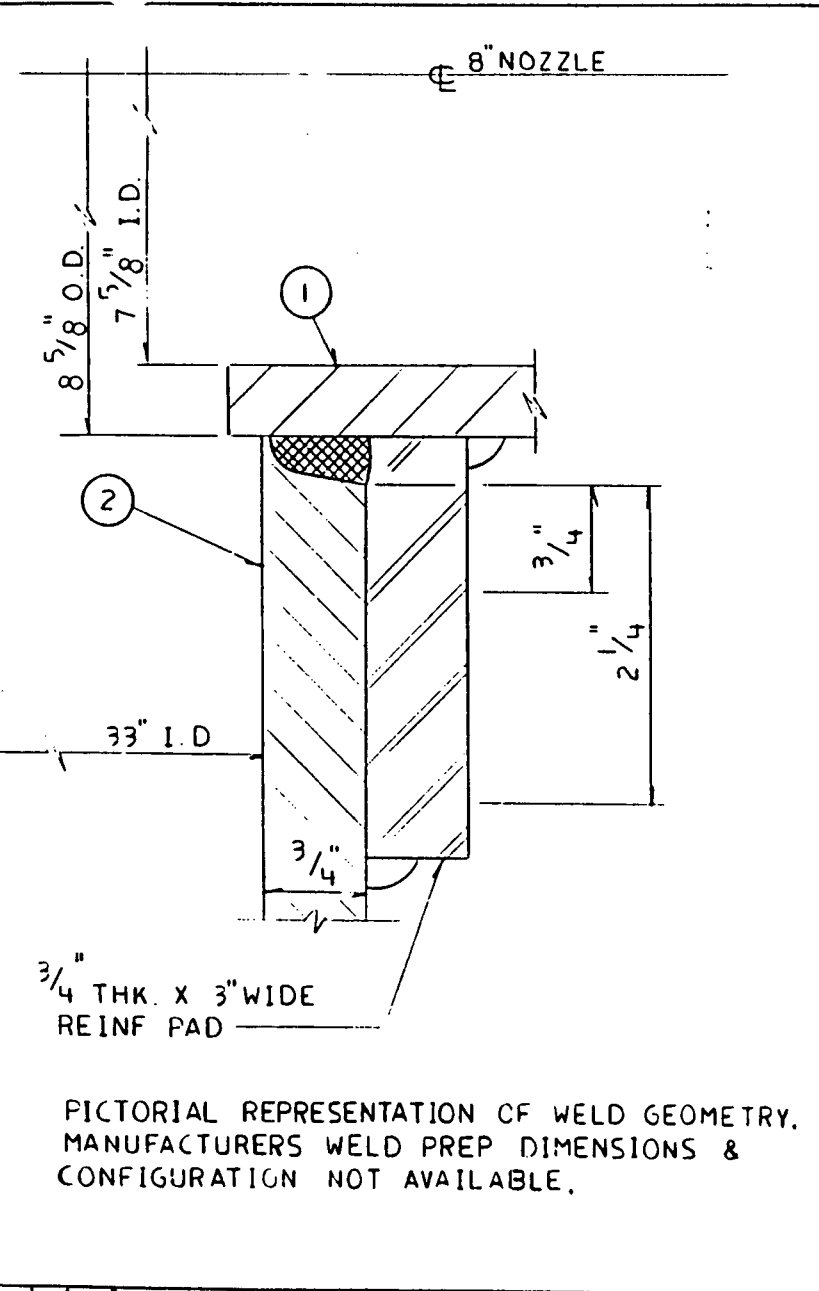
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RHXC-21-2  
 DRAWN BY W.A. CHECKED A. SIMONS  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG. [Signature]  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207837-0**  
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STATION INDIAN POINT NO. 2  
 DWG. NO. **D207838**



COMPONENT/LINE NO. RESIDUAL HEAT EXCHANGER NO. 21  
 REF. DWGS. A 206919  
 QUALITY GROUP B

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	NOZZLE	PLATE	ST.STL304	SA 240
2	CHANNEL	PLATE	ST.STL304	SA 240

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING REQMS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

ISSUED BY THE CENTER FOR  
 RADIATION EFFECTS RESEARCH  
 RECORDS MANAGEMENT DIVISION  
 U.S. DEPARTMENT OF ENERGY  
 WASHINGTON, D.C. 20545  
 1994

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr X FT.	DATE
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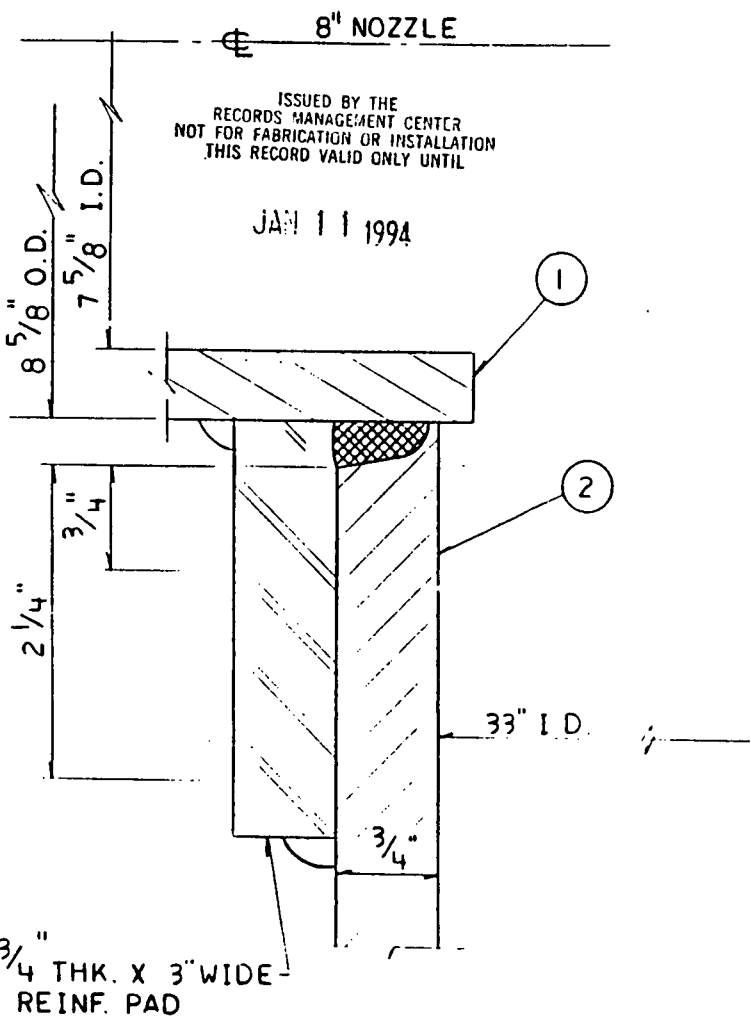
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RHXN-21-1  
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 SCALE FULL JO 7076-00-1

APPROVALS  
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CONCURRENCE REVIEWED BY R. B. INC.  
 DWG NO **D207838-1**  
 REVISIONS

DWG. NO. **D 207839**  
STATION INDIAN POINT NO. 2



PICTORIAL REPRESENTATION OF WELD GEOMETRY. MANUFACTURERS WELD PREP DIMENSIONS & CONFIGURATION NOT AVAILABLE.

COMPONENT/LINE NO. RESIDUAL HEAT EXCHANGER NO 21  
REF. DWGS. A 206919  
QUALITY GROUP B

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	NOZZLE	PLATE	ST. STL 304	SA 240
2	CHANNEL	PLATE	ST STL 304	SA 240

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
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 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RHXN-21-2  
 DRAWN BY W.A. CHECKED A. SIMONE  
 SCALE FULL s.o. 7076-00-1

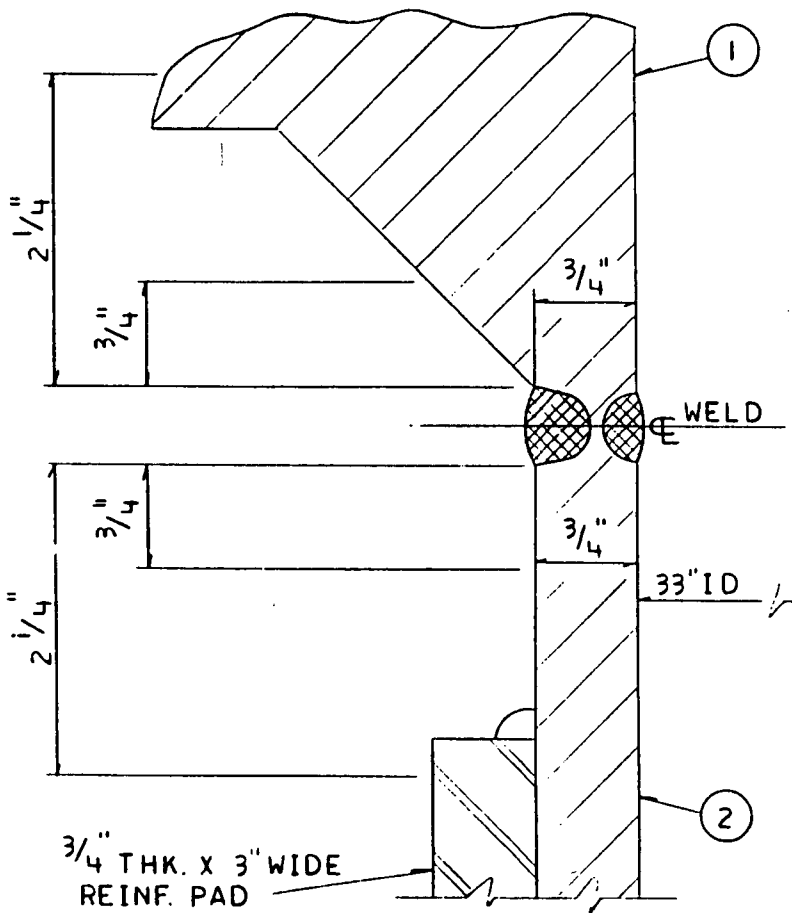
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D 207839-0**  
 RECORDED 11/27/78

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STATION INDIAN POINT NO. 2  
 DWG. NO. **D207840**



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COMPONENT/LINE NO. RESIDUAL HEAT EXCHANGER NO 22  
 REF. DWGS. A 206919  
 QUALITY GROUP B

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG / WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	FLANGE	FORGED	ST STL 304	SA 182
2	CHANNEL	PLATE	ST STL 304	SA 240

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
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EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

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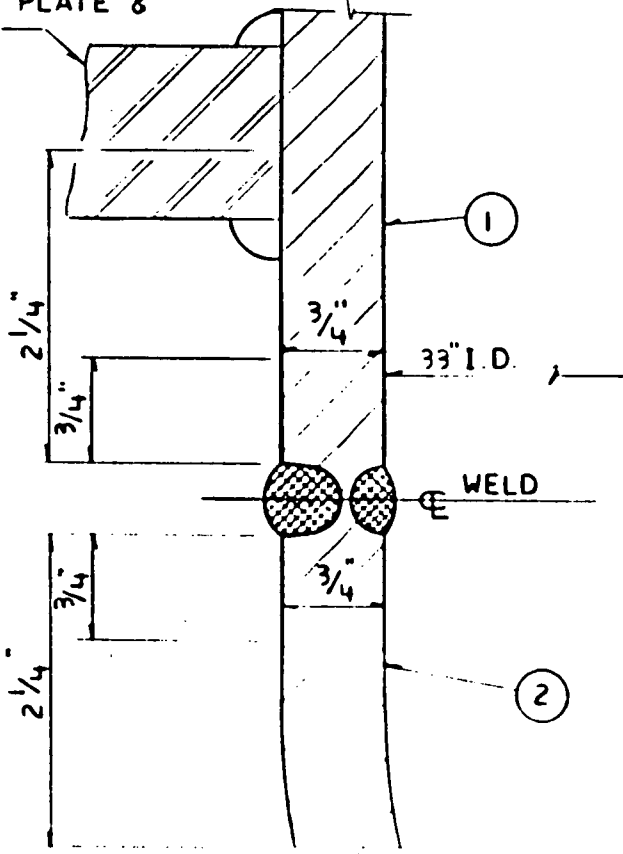
STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RHXC-22-1  
 DRAWN BY W.A. CHECKED *A. Simone*  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207840-0**  
 RECORDED 11/2/78

DWG. NO. **D207841**  
 STATION INDIAN POINT NO. 2

SUPPORT PLATE & GUSSETS



PICTORIAL REPRESENTATION OF WELD GEOMETRY. MANUFACTURERS WELD PREP DIMENSIONS & CONFIGURATION NOT AVAILABLE.

COMPONENT/LINE NO. RESIDUAL HEAT EXCHANGER NO 22  
 REF DWGS. A 206919  
 QUALITY GROUP B

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	CHANNEL	PLATE	ST.STL304	SA 240
2	CHANNEL HEAD	FORMED	ST STL 304	SA 240

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

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EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

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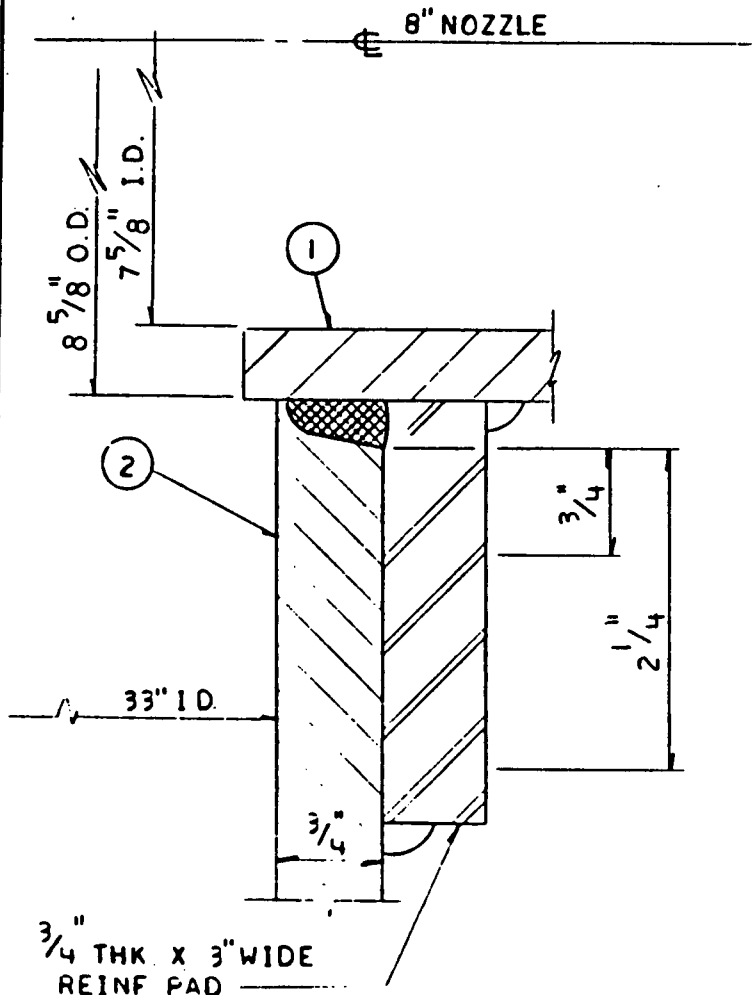
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 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RHXC - 22-2  
 DRAWN BY W.A. CHECKED A. SIMONE  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D 207841-0**  
 RECORDED 11/21/78

11/21/78

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207842**



PICTORIAL REPRESENTATION OF WELD GEOMETRY.  
 MANUFACTURERS WELD PREP DIMENSIONS &  
 CONFIGURATION NOT AVAILABLE.

COMPONENT/LINE NO. RESIDUAL HEAT EXCHANGER NO. 22  
 REF DWGS. A 206919  
 QUALITY GROUP B

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	NOZZLE	PLATE	ST.STL304	SA 240
2	CHANNEL	PLATE	ST.STL304	SA 240

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
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 CROWN CONDITION \_\_\_\_\_  
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 INSULATION DETS. \_\_\_\_\_

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JAN 11 1994

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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 OR INSTALLATION**

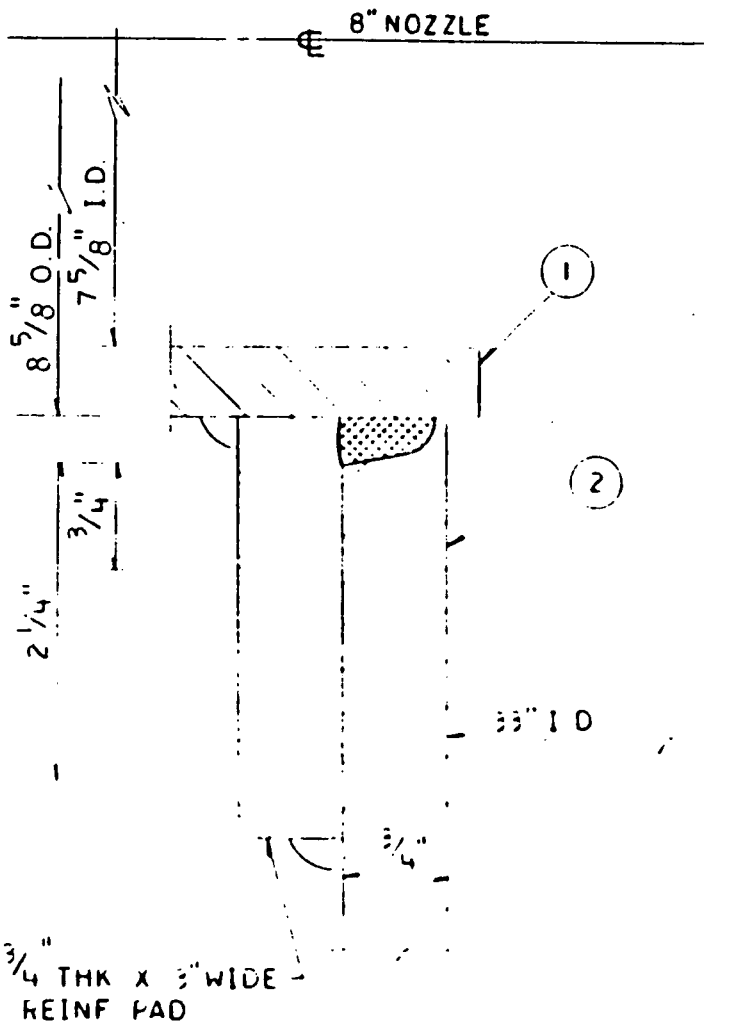
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STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RHXN - 22-1  
 DRAWN BY W.A. CHECKED A. SIMONE  
 SCALE FULL I.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
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CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207842-0**  
 RECORDED 11/21/78

DWG. NO. **D207843**  
 STATION INDIAN POINT NO. 2



PICTORIAL REPRESENTATION OF WELD GEOMETRY.  
 MANUFACTURERS WELD PREP DIMENSIONS &  
 CONFIGURATION NOT AVAILABLE.

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COMPONENT/LINE NO. RESIDUAL HEAT EXCHANGER NO. 22  
 REF. DWGS. A 206919  
 QUALITY GROUP B

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	NOZZLE	PLATE	ST.STL304	SA 240
2	CHANNEL	PLATE	ST.STL304	SA 240

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
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 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	ft ON CONTACT	DATE	ft @ X FT.	DATE

COMMENTS \_\_\_\_\_  
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**NOT FOR FABRICATION  
 OR INSTALLATION**

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. RHXN-22-2  
 DRAWN BY W.A. CHECKED A. S. J. ENG.  
 SCALE FULL J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGNER  
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CONSOLIDATED EDISON CO. OF N.Y., INC.  
 DWG. NO. **D207843-0**  
 RECORDED 1/12/76

**RELIEF REQUEST NUMBER 19**

(Page 1 of 1)

**COMPONENT IDENTIFICATION**

Code Class: 3  
References: IWD-2500, Table IWD-2500-1 and IWD-5223(d)  
Examination Category: D-B  
Item Number: D2.10  
Description: Open Ended Suction Lines in the Service Water System

**CODE REQUIREMENT**

Table IWD-2500-1 requires a hydrostatic test per IWD-5223 to be performed on Code Class 3 portions of the Service Water System.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(g)(5)(iii) and (g)(6)(i), relief is requested on the basis that implementation of the Code requirements is impractical.

IWD-5223 provisions do not provide specific criteria to be used for Class 3 components which take suction from a river. The suction lines from the river to the pump are open ended and cannot be isolated for the performance of a hydrostatic test.

**PROPOSED ALTERNATE EXAMINATION**

IP-2 proposes that as an alternative, a visual, VT-2 examination for leakage be performed at least once each inspection period, usually in conjunction with the system inservice test required by Table IWD-2500-1, Categories D-A, D-B, and D-C.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 through June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The Code does not specifically address the pressure testing of open ended pump suction lines for the intake of service water systems. Since the pump suction lines are open ended, the maximum pressure in these lines is experienced during pump operation. Performance of this test at normal operating conditions will be sufficient to ensure the continued integrity of the suction lines, and will not result in a decrease in the level of quality and safety.

**RELIEF REQUEST NUMBER 20**  
(Page 1 of 1)

**COMPONENT IDENTIFICATION**

Code Class: All  
References: Various  
Examination Category: Various  
Item Number: Various  
Description: Hydrostatic Testing During Plant Operation

**CODE REQUIREMENT**

IWA-5211(d) states "a system hydrostatic test conducted during a plant shutdown at a pressure above nominal operating pressure or system pressure for which overpressure protection is provided".

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(a)(3)(i), relief is requested on the basis that the proposed alternative would provide an acceptable level of quality and safety.

The provisions of IWA-5211(d) stipulate that hydrostatic tests be performed during plant shutdown only. However, the referenced code "requirement" was intended as a definition and was not intended to limit performance of hydrostatic to plant outage periods only. Greater scheduling flexibility and more efficient use of plant resources will result if hydrostatic tests are permitted to be performed during plant operation.

**PROPOSED ALTERNATE EXAMINATION**

System hydrostatic tests may be conducted while the plant is either in operation or shutdown.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

All testing will be performed in accordance with plant Technical Specifications and approved plant procedures; therefore, granting of this relief request will not result in a decrease in the overall level of plant quality and safety.

**RELIEF REQUEST NUMBER 25**

(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 2  
Reference: IWC-2500, Table IWC-2500-1  
Examination Category: C-B  
Item No.: C2.22  
Description: Inside Radius Sections-Steam Generator Feedwater Inlet Nozzles and Main Steam Outlet Nozzles  
Reference Drawings: D207800 Feedwater Nozzle  
D207799 Main Steam Nozzle

**CODE REQUIREMENTS**

Table IWC-2500-1, Category C-B, requires a volumetric examination of the Steam Generator nozzle inside radius sections.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(g)(5)(iii) and (g)(6)(i), relief is requested on the basis that compliance with the code requirement is impractical.

**MAIN STEAM NOZZLE**

Meaningful ultrasonic examination of the inside radius sections of the steam outlet nozzles from the OD is essentially precluded by the complex geometry resulting from the combination of a small nozzle inside radius (1 3/4"R) and a large non-concentric outer nozzle radius section (5"R). In addition, the short flat section on the nozzle barrel section precludes scanning the nozzle in the axial direction and the curved non-spherical top dome precludes scanning the nozzle in the radial direction. General access to the inside of the steam generator outlet nozzle requires that the plant be shut down, and the secondary side manway be opened. Specific access to the inside of the steam outlet nozzle for potential radiographic examinations or visual examinations is precluded by the mist extractors.

**FEEDWATER NOZZLE**

Meaningful ultrasonic examination of the feedwater nozzle inside radius is essentially precluded by the complex geometry resulting from the combination of a small nozzle inside radius (1 3/4"R) and a large non-concentric outer nozzle radius (5"R). The geometry is also complicated by the intersection of the nozzle and the cylindrical shell section. General access to the inside radius area of the feedwater inlet nozzles is also limited by a combination of factors, requiring shutting down the plant, opening the secondary side manway, and grinding out the welded plates to gain access to the feed ring area and the confined area in the feedwater nozzle vicinity. The fixed thermal sleeve is part of the feedwater internal header and limits access to the lower shell area. The access to the feedwater nozzle inside radius is estimated to be 30% of the Code required volume.

**RELIEF REQUEST NUMBER 25**  
(Page 2 of 2)

**BASIS FOR RELIEF** cont'd

The steam generators were designed and fabricated to Codes in effect during the late 1960s. The codes in effect at the time the steam generators were constructed did not require a capability for volumetric examination of the inner radius of nozzles. The Codes used did not provide for full access for inservice inspection. Gaining access to the steam and feedwater nozzles from the I.D. of the steam generator would require removal of internal components not designed to be removed for inspection purposes. Moreover, the design of the inside radius sections minimizes stresses to assure reliable operation. The design of these nozzles, utilizing a gradual radius section and the use of thermal sleeves on the feedwater nozzles, is specifically intended to reduce stress in this area and minimize conditions that might lead to cracking.

In the case of the feedwater nozzles thermal stress in the nozzle inside radius section is minimized by a thermal sleeve and Altran seal which prevents significant exposure of the hot inside radius to colder incoming feedwater. Thermal stresses are minimized in the steam generator nozzle inside radius section via direct exposure to main steam in combination with insulation on the nozzle outside surface.

**PROPOSED ALTERNATE PROVISIONS**

Visual examinations (VT-2) of the nozzle areas will be performed to detect evidence of leakage during system pressure tests, in accordance with IWC-2500, Category C-H and Code Case N-498. In addition, the inside radius section of one feedwater inlet nozzle will be visually and magnetic particle examined, to the extent permitted by the thermal sleeve connected to the feedwater ring assembly. This will be performed once per interval. The VT-2 visual examinations combined with the magnetic particle examination of the nozzle's inside surface once per interval are considered sufficient to assure a continued overall satisfactory level of plant quality and safety.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

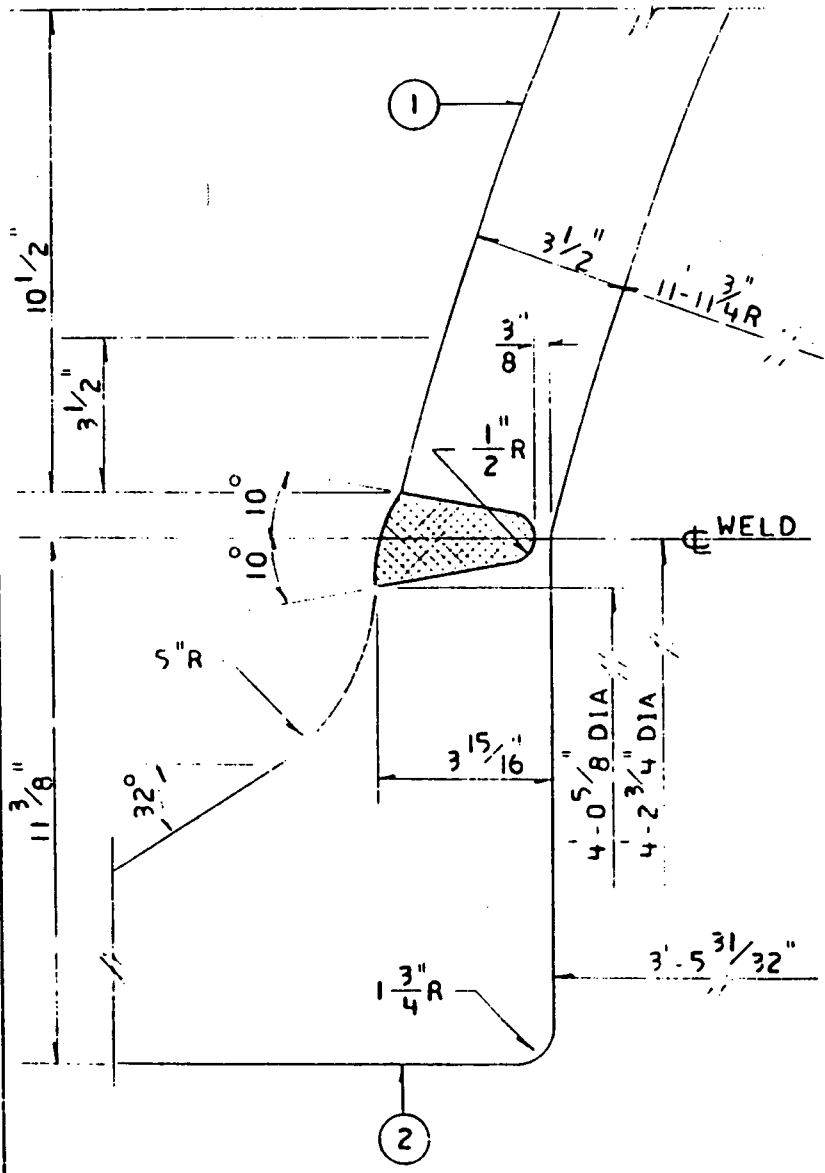
Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The type and frequency of examinations proposed for the steam generator nozzles have been in effect for the first two inspection intervals. Based on reliable operating history of these and similar nozzles at other plants, the alternate examinations proposed for the feedwater nozzle inside radius, and the inherent risks to the steam generators by removing internal permanent equipment, granting of this relief will not decrease the overall level of plant quality and safety that would be achieved had the Code requirements been implemented.



DWG. NO. **D207799**  
 STATION INDIAN POINT NO 2



COMPONENT/LINE NO. STEAM GENERATOR NO. 21  
 REF. DWGS. A206914  
 QUALITY GROUP B

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	TOP HEAD	PLATE	MN MO STL	SA 302 GR B
2	STM OUTLET	FORGING	ALLOY STL	SA 336

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCORING LIMITATIONS \_\_\_\_\_  
 ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_  
 INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	mr @ X FT.	DATE

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NOT FOR FABRICATION OR INSTALLATION**

ISSUED BY THE CENTER FOR FABRICATION MANAGEMENT NOT FOR FABRICATION OR INSTALLATION THIS RECORD VALID UNTIL JAN 1 1994

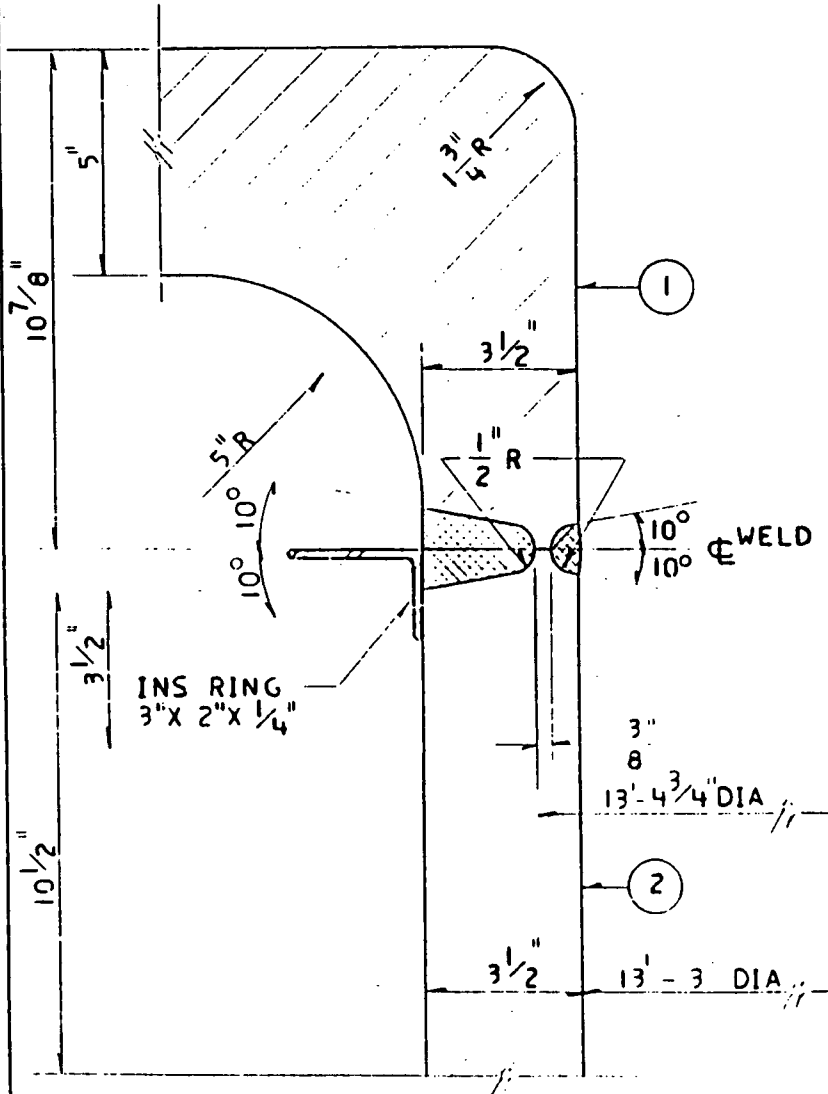
REVISIONS  
 THIS ISSUE IS ON CLASS 11 PER CI 240-1 RELEASE FOR RECORD PN. 7076 11-3-78

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. SGN-21-1  
 DRAWN BY DJC CHECKED/NICHOLS  
 SCALE 4" = 1'-0" JO 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENGR.  
 ENGR.

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207799-0**  
 RECORDED

STATION INDIAN POINT NO. 2  
 DWG. NO. **D207800**



COMPONENT/LINE NO. STEAM GENERATOR NO. 21  
 REF. DWGS. A 206914

QUALITY GROUP B

**MATERIALS**

NO.	PRODUCT FORM (CONFIGURATION)	MFG./WELD PROCESS	MATERIAL (TYPE)	MTL. SPEC (ASTM/SA)
1	FDW INLET	FORGING	ALLOY STL	SA 336
2	UPPR SHL BBL	ROLLED PL	MN MO STL	SA 302 GR B

CALIBRATION BLOCK NO. \_\_\_\_\_  
 FABRICATION SPEC. \_\_\_\_\_  
 FABRICATION CODE \_\_\_\_\_ CLASS \_\_\_\_\_ EDITION \_\_\_\_\_ ADDENDA \_\_\_\_\_  
 SURFACE COATING \_\_\_\_\_  
 SURFACE FINISH \_\_\_\_\_  
 CROWN CONDITION \_\_\_\_\_  
 SCANNING LIMITATIONS \_\_\_\_\_

ACCESS RESTRICTIONS \_\_\_\_\_  
 WELD MARKINGS \_\_\_\_\_  
 SCAFFOLDING RQMTS. \_\_\_\_\_

INSULATION DETS. \_\_\_\_\_

EXPOSURE LEVELS	mr ON CONTACT	DATE	ISSUED BY THE RECORDS MANAGEMENT CENTER	DATE

COMMENTS \_\_\_\_\_  
**NOT FOR FABRICATION OR INSTALLATION**

REVISIONS  
 THIS ISSUE IS NON-CLASS "A" PER CI 240-1. RELEASE FOR RECORD PN 7076 11.3.75

STATION - INDIAN POINT NO. 2  
 WELD DETAIL FOR INSERVICE INSPECTION  
 WELD NO. SGN-21-2  
 DRAWN BY DJC CHECKED NICHOLS  
 SCALE 4" = 1'-0 J.O. 7076-00-1

APPROVALS  
 CHIEF DESIGN ENG.  
 ENG.  
 ENG.

CONSOLIDATED EDISON CO. OF N. Y., INC.  
 DWG. NO. **D207800-0**  
 RECORDED

**RELIEF REQUEST NUMBER 27**  
(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 1  
References: IWB-2500, Table IWB-2500-1  
Examination Category: B-J  
Item Number: B9.12  
Description: Reactor Coolant Loop Piping Longitudinal Welds

**CODE REQUIREMENT**

Table IWB-2500-1, Category B-J, Item No. B9.12, requires Volumetric and Surface examinations of longitudinal welds in piping for at least one pipe diameter, but not more than 12", for nominal pipe size greater than or equal to 4 inches.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(g)(5)(iii) and (g)(6)(i), relief is requested on the basis that compliance with the code requirement is impractical.

The primary coolant piping was designed and constructed to Codes in effect in the late 1960's. The original fabrication codes and specifications did not anticipate the periodic ultrasonic examination of these welds. Based on industry research, as described below, the code specified UT examination techniques will not be effective in detecting service related defects.

Eight ninety-degree elbows in the reactor coolant system piping were fabricated in two halves from austenitic stainless steel castings and welded together by the electroslag process. The structure of the material is such that ultrasonic examinations cannot be performed as required by IWB-2500-1 Item B9.12. The large and varying granularity of the statically cast crystalline structure, combined with the geometry of the elbow, precludes ultrasonic examination of the longitudinal welds.

There are no practical signal processing techniques for ultrasonically examining coarse-grained statically cast elbows. EPRI Project Report 1570-2 entitled "Signal Processing for Coarse-Grained Materials", dated July 1987, supports this conclusion. Additionally, the elbow's curved geometry and the curved elbow surfaces on either side of the longitudinal weld would largely preclude meaningful scanning patterns. Even if manual scanning were utilized it would be impractical to assure proper coverage of required weld and base metal volume. EPRI Project Report 2405-16 entitled "Detection and Characterization of Defects in Centrifugally Cast Stainless Steel", dated June 1987, supports the conclusion that attenuation caused by grain structure, in combination with manual scanning, would not result in reliable examinations.

**RELIEF REQUEST NUMBER 27**  
(Page 2 of 2)

**PROPOSED ALTERNATE EXAMINATION**

The RCS longitudinal weld seams will be surface examined pursuant to IWA-2220 and visually examined (VT-2) for evidence of leakage during system pressure testing in accordance with IWB-5200 and Code Case N-498. It is expected that any through wall defects would be detected by these examinations prior to failure of the piping based on the expectation that the piping will experience leakage before a catastrophic failure ("leak before break").

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The proposed alternative examination, as described above, are the same techniques used during the first two ten-year inservice inspection intervals. Throughout the industry there is a history of satisfactory reactor coolant elbow performance. The continued integrity of the elbows at Indian Point Unit No. 2 has been demonstrated by satisfactory operation since the early 1970's. The proposed examination techniques will provide reasonable assurance that the overall level of plant safety will be maintained consistent with the original plant design and fabrication bases. Granting of this relief will not decrease the overall level of plant quality and safety.

**RELIEF REQUEST NUMBER 29**  
(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 1 and 2  
References: IWA-5242(a)  
Examination Category: B-P, C-H  
Item Number: Various  
Description: Insulation Removal at Mechanical Joints of Borated Systems

**CODE REQUIREMENT**

IWA-5242(a), states "Systems borated for the purpose of controlling reactivity, insulation shall be removed from pressure retaining bolted connections for visual examination VT-2".

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(a)(3)(i), relief is requested on the basis that the proposed alternative would provide an acceptable level of quality and safety.

**PROPOSED ALTERNATE PROVISIONS**

A leakage/bolting inspection program was established in 1983 as a result of NRC Bulletin 82-02. The leakage/bolting inspection program for borated water systems provides for visual examination for evidence of boric acid leakage at all bolted connections 1" NPS and larger in Class 1 systems and 2" and larger in Class 2 systems. The visual examination is performed at the bolted connection and is directed at determining whether or not there is evidence of boric acid crystal accumulation or wetting of insulation indicative of leakage. It is our experience that leakage of borated water during plant operation is obviously decernible during outage examinations either by boric acid accumulation on the outside of the insulation or wetting of the insulation. In either case the leakage is obvious without the need to remove the insulation. The examinations are performed for all bolting in the program every refueling outage except that connections exhibiting no leakage for two successive outages may be examined every other outage.

In addition, the Reactor Coolant System (RCS) and portions of the Chemical and Volume Control System (i.e., Charging, Letdown and Reactor Coolant Pump Seal Return) are continuously monitored for leakage in order to satisfy Technical Specifications. During plant operation the RCS leak rate is limited by plant Technical Specification 3.1.F.2.c(1) to 1 GPM from unidentified sources and 10 GPM total from identified sources. The various diverse means of leak detection are described in the associated Technical Specification Basis.

**RELIEF REQUEST NUMBER 29**

(Page 2 of 2)

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The leakage/bolting inspection program performed each refueling outage will detect damage resulting from boric acid corrosion. This program combined with operational leakage monitoring in accordance with Technical Specifications provides an acceptable level of quality and safety.

**RELIEF REQUEST NUMBER 30**  
(Page 1 of 1)

**COMPONENT IDENTIFICATION**

Code Class: 1  
References: IWA-5250  
Examination Category: N/A  
Item Number: N/A  
Description: Reactor Coolant Pump (RCP-23) Main Flange Bolting

**CODE REQUIREMENT**

IWA-5250(a)(2) requires that if leakage occurs at a bolted connection (during the conduct of a system pressure test), the bolting shall be removed, VT-3 visually examined for corrosion, and evaluated in accordance with IWA-3000.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(a)(3)(ii), relief is requested on the basis that compliance with the Code requirement would result in hardship or unusual difficulty without a compensating increase in the level of quality and safety.

13 of 24 main flange studs for Reactor Coolant Pump RCP-23 were identified during an Interval 2 outage as having reduced cross sectional area caused by boric acid attack. They were evaluated at that time and accepted for continued use. These studs have been monitored at each subsequent refueling outage, by both volumetric and visual examination, with no evidence of continued boric acid attack.

It is estimated that compliance with the new code (i.e., removal of the studs for visual examination) would result in an additional personnel exposure of 8-10 person-rem.

**PROPOSED ALTERNATE EXAMINATION**

The main flange studs for RCP-23 shall be visually examined in place during each refueling outage. The 13 reduced-area studs, as well as any other studs with evidence of corrosion, shall be volumetrically examined in place using an ultrasonic technique that is capable of detecting changes in the bolting cross sectional area. Dimensions shall be taken of accessible areas to further track any reduction of cross sectional area. Evaluations in accordance with IWA-3000 will be made regarding continued pump operation based on visual and volumetric examination without removal of the studs.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The proposed alternate examination is fully adequate to detect further degradation of the studs since the last examination and confirmation of operability, and therefore provides an acceptable level of plant quality and safety.

**RELIEF REQUEST NUMBER 31**  
(Page 1 of 1)

**COMPONENT IDENTIFICATION**

Code Class: 1, 2 and 3  
References: IWF-1200, IWF-5000  
Examination Category: Not Applicable  
Item Number: Not Applicable  
Description: Examination and Testing of Snubbers per Technical Specifications

**CODE REQUIREMENT**

IWF-1200 - Snubber Inspection Requirements  
IWF-5000 - Inservice Inspection Requirements for Snubbers

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(a)(3)(i), relief is requested on the basis that the proposed alternative would provide an acceptable level of quality and safety.

Technical Specification 4.12 requires comprehensive programs for visual examination and functional testing of all safety related hydraulic snubbers. The scope of these Technical Specification programs encompasses all Code Class 1, 2, and 3 snubbers.

A large portion of the safety related snubbers are also Code Class. The overlap of the visual examination and testing programs in accordance with ASME Section XI and Technical Specifications for the Code Class snubbers presents an unnecessary redundancy.

Testing and examination in accordance with Technical Specifications are consistent with the manner that the Code requirements for steam generator tubing, examination category B-Q, are defined.

**PROPOSED ALTERNATE PROVISIONS**

Visual examinations and functional testing of Code Class snubbers will be performed in accordance with the latest approved revision of Station Technical Specification 4.12, in lieu of ASME Section XI.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

There is no decrease in the overall level of plant safety due to performing the snubber examinations and testing as required by the plant Technical Specification in lieu of ASME Section XI requirements.



**RELIEF REQUEST NUMBER 32**

(Page 1 of 2)

**COMPONENT IDENTIFICATION**

Code Class: 1 and 2  
References: Appendix I Article I-2200; Appendix III, Article III-4511(b)  
Examination Category: N/A  
Item Number: N/A  
Description: Ultrasonic Examinations of Vessel Welds Less than 2 in. Thickness and All Piping Welds; Ultrasonic Recording Requirements

**CODE REQUIREMENT**

Appendix I Article I-2200; Ultrasonic examination of vessel welds less than or equal to 2 in. thickness and all piping welds shall be conducted in accordance with Appendix III, as supplemented by this Appendix. Supplements identified in Table I-2000-1 shall be applied.

Appendix III Article III-4511(b); Any other indications which are not determined to be of geometrical or metallurgical origin shall be recorded if they are 20% of DAC or greater.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(a)(3)(i) and (ii), relief is requested on the basis that the proposed alternative would provide an acceptable level of quality and safety and that compliance with the specified requirement would impose a burden not commensurate with a compensating increase in the level of quality and safety. Relief is requested from using the newer 20% DAC ultrasonic recording criterion. Con Edison proposes to continue using the current 50% DAC recording criterion that was used during preservice examinations and has been used for the past two intervals.

Preservice and all existing inservice ultrasonic examination data are based on the 50% DAC recording criterion used since 1974. This means that previously detected indications were recorded and accepted at 50% DAC.

Absent the requested relief, indications between 20% and 50% of DAC would have to be recorded and evaluated. Such evaluations would be hindered by the complete absence of comparable previous records (from pre-service or inservice inspection) of these indications. In effect, a new baseline record would need to be established. That would require increased time, increased personnel exposure and increased cost, with no commensurate increased level of plant safety. One of the principal motivating factors for lowering the recording levels from 50% DAC to 20% DAC was the inability of UT techniques to reliably detect IGSCC in the RCS system of Boiling Water reactors. IGSCC is generally not a significant problem in Pressurized Water reactors due to a better water chemistry control.

There is no evidence at Indian Point to indicate that increasing the sensitivity (lowering DAC from 50% to 20%) would be more effective than our current criterion in identifying the indications prior to failure. Indeed, the existing recording level, used for the past twenty years, has not led to a component failure due to an indication being missed or misinterpreted. The advantages of comparability of 50% DAC examination results with prior examination results more than outweigh the potential benefits of any new testing protocols.

**RELIEF REQUEST NUMBER 32**

(Page 2 of 2)

**PROPOSED ALTERNATE EXAMINATION**

Con Edison proposes in lieu of using the newer 20% recording criterion to continue using the existing 50% DAC recording criterion. This criterion has proven effective in identifying potential failures over the past 20 years, and will continue to provide a continued acceptable level of safety and quality.

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

The recording level Con Edison proposes to use has proven to be effective in identifying potential failures for the past 2 intervals (20 years) without degradation of plant safety or quality. Further, all baseline data for the unit is based on the 50% recording criterion. To increase the recording sensitivity level would introduce issues of noncomparability of examination results with prior examination results, and would thus require inherently uncertain reevaluations of previously acceptable indications at considerable monetary costs and radiological exposure, without providing a reliable indication of changes in vessel weld condition or an increase in the level of plant safety or quality.

**RELIEF REQUEST NUMBER 33**  
(Page 1 of 1)

**COMPONENT IDENTIFICATION**

Code Class: 1  
References: IWA-5250  
Examination Category: N/A  
Item Number: N/A  
Description: Pressure Retaining Bolting

**CODE REQUIREMENT**

IWA-5250(a)(2) requires that if leakage occurs at a bolted connection (during the conduct of a system pressure test), the bolting shall be removed, VT-3 visually examined for corrosion, and evaluated in accordance with IWA-3000.

**BASIS FOR RELIEF**

Pursuant to 10 CFR 50.55a(a)(3)(ii), relief is requested on the basis that compliance with the Code requirement would result in hardship or unusual difficulty without a compensating increase in the level of quality and safety.

Relief is requested from removal and visual inspection of bolting at a bolted connection for leakage discovered during a system pressure test when the bolting was inspected and found satisfactory or replaced during the same outage as the pressure test. Removal and reinspection of bolting inspected or replaced during the same outage will not add to the assurance of pressure boundary integrity, because there is insufficient time for any corrosion mechanism to degrade the bolting condition.

**PROPOSED ALTERNATE EXAMINATIONS**

None

**PERIOD FOR WHICH RELIEF IS REQUESTED**

Relief is requested for the third inspection interval, July 1, 1994 thru June 30, 2004.

**JUSTIFICATION FOR RELIEF**

Since there is no safety or quality benefit from re-examining new or recently inspected bolting, as described above, granting of this relief will not decrease the overall level of quality and safety.

**SUBSECTION 6.4**

**TABLE 6.4-1**

**PIPING LINES WITHIN THE INDIAN POINT  
ASME SECTION XI PROGRAM SORTED BY SYSTEM**

6.4 List of Pipe Lines by system.

6.4.1 Table 6.4-1 contains a list of pipe lines within the scope of ASME XI sorted by system.

TABLE 6.4-1

INDIAN POINT PIPE LINES BY SYSTEM

=====

NUCLEAR PIPING LINE LIST FOR INSERVICE INSPECTION PROGRAM

=====

	/	/	/	C	/	M	/	L	G	/	R	/	S	/	S	/	Y	/		
	/	M	/	R	/	I	/	A	/	I	N	/	E	/	S	/	S	/	T	P
	/	E	/	E	E	R	/	R	/	A	I	/	T	/	E	/	A	/	I	U
	/	T	/	E	B	M	E	T	/	W	G	/	DET	W	/	M	E	/	L	CKN
	/	S	/	NUM	/	O	/	O	A	/	L	A	/	A	/	L	I	/	F	C
	/	Y	/	I	/	S	/	L	I	/	E	R	/	I	/	A	H	/	I	/
	S	/	L	/	I	/	F	D	/	W	D	/	D	/	W	T	/	P	/	Q
===== AUXILLARY COOLANT SYSTEM =====																				
ACS	9	B206667	251783	D208029	12"	.375	601	B												
RHR	9			D208019	8"	.328	601	B												
-----																				
ACS	9	B206668	F 2720	D208029	12"	.375	601	B												
RHR	9			D208019	8"	.328	601	B												
-----																				
ACS	10	B206669	F 2720	D208033	14"	1.250	2501	A												
RHR				D208032	14"	.437	601	B												
-----																				
ACS	10	B206670	251783	D208032	14"	.437	601	B												
RHR	10			D208029	14"	.375	601	B												
RHR	10			D208024	10"	.359	601	B												
-----																				
===== AUXILLIARY FEED WATER =====																				
AFW	1502		F 2018		6"	.280	C-3	C												
	1502				8"	.250	C-3	C												
-----																				
AFW	1503		F 2018		6"	.280	C-3	C												
-----																				
AFW	1504		F 2018		6"	.280	C-3	C												
-----																				
AFW	1514		F 2019		3"	.300	B-2	C												
	1514				4"	.337	B-2	C												
-----																				
AFW	1515		F 2019		3"	.300	B-2	C												
-----																				
AFW	1516		F 2019		3"	.300	B-2	C												
	1516				4"	.337	B-2	B												NOTE 3A
	1516				4"	.337	B-2	C												
	1516				6"	.432	B-2	C												
AFW	1517		F 2019		3"	.300	B-2	C												
	1517				4"	.337	B-2	C												
	1517				4"	.337	B-2	B												NOTE 3A
-----																				
AFW	1518		F 2019		3"	.300	B-2	C												
	1518				4"	.337	B-2	C												
	1518				4"	.337	B-2	B												NOTE 3A
-----																				

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
AFW	1519		F 2019		3"	.300	B-2	C	
	1519				4"	.337	B-2	C	
	1519				4"	.337	B-2	B	NOTE 3A
AFW	1520		F 2019		3"	.300	B-2	C	
	1520				4"	.337	B-2	C	
AFW	1521		F 2019		3"	.300	B-2	C	
AFW	1525		F 2019		2"	.218	B-2	C	
	1525				3"	.300	B-2	C	
AFW	1526		F 2019		1"	.179	B-2	C	
	1526				1.5"	.200	B-2	C	
	1526				2"	.218	B-2	C	
AFW	1527		F 2019		.75"	.154	B-2	C	
	1527				2"	.218	B-2	C	
AFW	1528		F 2019		1"	.179	B-2	C	
	1528				1.5"	.200	B-2	C	
	1528				2"	.218	B-2	C	
AFW	1529		F 2019		2"	.218	B-2	C	
	1529				3"	.300	B-2	C	
AFW	1530		F 2019		2"	.217	B-2	C	
AFW	1531		F 2019		.75"	.154	B-2	C	
	1531				1"	.179	B-2	C	
	1531				2"	.218	B-2	C	
AFW	1532		F 2019		3"	.300	B-2	C	
AFW	1533		F 2019		.75"	.154	B-2	C	
AFW	1534		F 2019		.75"	.154	B-2	C	
===== BOILER FEED WATER =====									
BFD	5	B206663	F 2019	D208037	18"	.750	B-2	B	
BFD	5			D208027	10"	.719	B-1	B	
BFD	6	B206664	F 2019	D208037	18"	.750	B-2	B	
BFD	6			D208027	10"	.719	B-1	B	
BFD	7	B206665	F 2019	D208037	18"	.750	B-2	B	
BFD	7			D208027	10"	.719	B-1	B	
BFD	8	B206666	F 2019	D208037	18"	.750	B-2	B	
BFD	8			D208027	10"	.719	B-1	B	

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
BFD	45		F 2729		2"	.218	B-2	B	NOTE 3A
BFD	45				3"	.300	B-2	B	NOTE 3A
BFD	46		F 2729		2"	.218	B-2	B	NOTE 3A
BFD	46				3"	.300	B-2	B	NOTE 3A
BFD	47		F 2729		2"	.218	B-2	B	NOTE 3A
BFD	47				3"	.300	B-2	B	NOTE 3A
BFD	48		F 2729		2"	.218	B-2	B	NOTE 3A
BFD	48				3"	.300	B-2	B	NOTE 3A
===== COMPONENT COOLING WATER =====									
CCW	13		F 2720		.5"	.188		C	NOTE 4A
	13		227781		.75	.113	152	C	NOTE 4A
	13				1"	.133	152	C	NOTE 4A
	13				1"	.250	152	C	NOTE 4A
	13				3"	.216	152	C	NOTE 4A
	13				4"	.237	152	C	NOTE 4A
	13				6"	.280	152	C	
	13				8"	.322	152	C	
	13				12"	.406	152	C	
CCW	14		F 2720		.75	.113	152	C	NOTE 4A
	14		227781		1"	.133	152	C	NOTE 4A
	14				3"	.216	152	C	NOTE 4A
	14				4"	.237	152	C	NOTE 4A
	14				6"	.280	152	C	
	14				8"	.322	152	C	
	14				12"	.406	152	C	
CCW	14A		F 2720		.75	.113	152	C	NOTE 4A
	14A		227781		1.5	.281	152	C	NOTE 4A
	14A				3"	.216	152	C	NOTE 4A
	14A				4"	.237	152	C	NOTE 4A
CCW	18		F 2720		3"	.216	152	C	NOTE 4A
CCW	22		F 2720		3"	.216	152	C	NOTE 4A
CCW	35		F 2018		2"	.154	J-4	C	NOTE 4A
CCW	52		F 2720		12"	.406	152	C	
	52				16"	.500	152	C	
	52				18"	.562	152	C	
	52				20"	.594	152	C	



SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
CCW	53		F 2720		10"	.365	152	C	
	53				12"	.406	152	C	
	53				14"	.438	152	C	
	53				16"	.500	152	C	
	53				18"	.562	152	C	
	53				20"	.594	152	C	
CCW	54		F 2720		2"	.154	152	C	NOTE 4A
	54				3"	.216	152	C	NOTE 4A
CCW	55		F 2720		2"	.154	152	C	NOTE 4A
	55				3"	.216	152	C	NOTE 4A
CCW	89		F 2720		4"	.237	152	C	NOTE 4A
CCW	90		F 2720		4"	.237	152	C	NOTE 4A
CCW	95		F 2720		2"	.154	152	C	NOTE 4A
CCW	95				3"	.216	152	C	NOTE 4A
CCW	111		F 2720		1"	.133	152	C	NOTE 4A
CCW	111				2"	.154	152	C	NOTE 4A
CCW	111				3"	.216	152	C	NOTE 4A
CCW	122		F 2720		1"	.133	152	C	NOTE 4A
	122				2"	.154	152	C	NOTE 4A
CCW	123		F 2720		1"	.133	152	C	NOTE 4A
	123				2"	.154	152	C	NOTE 4A
CCW	125		F 2720		3"	.216	151	C	NOTE 4A
CCW	126		F 2720		2"	.154	151	C	NOTE 4A
	126				3"	.216	151	C	NOTE 4A
CCW	127		F 2720		3"	.216	151	C	NOTE 4A
CCW	129		F 2720		1"	.133	152	C	NOTE 4A
	129				2"	.154	152	C	NOTE 4A
CCW	133		F 2720		1"	.133	152	C	NOTE 4A
	133				2"	.154	152	C	NOTE 4A
CCW	135		F 2720		2"	.154	151	C	NOTE 4A
CCW	142		F 2720		4"	.237	152	C	NOTE 4A
	142		F 2724						
CCW	146		F 2720		3"	.216	152	C	NOTE 4A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
CCW	147		F 2720		3"	.216	152	C	NOTE 4A
CCW	148		F 2720		6"	.280	152	C	
	148		F 2736						
CCW	149		F 2720		6"	.280	152	C	
	149		F 2736						
CCW	154		F 2720		2"	.154	151	C	NOTE 4A
SIS	154		F 2735						
CCW	156		F 2720		2"	.154	151	C	NOTE 4A
WDS	156								
CCW	157		F 2719		3"	.216	151	C	NOTE 4A
WDS	157		F 2720						
	157		F 2736						
CCW	165		F 2720		1"	.133	152	C	NOTE 4A
	165				2"	.154	152	C	NOTE 4A
CCW	166		F 2720		1"	.133	152	C	NOTE 4A
	166				2"	.154	152	C	NOTE 4A
CCW	167		F 2720		3"	.216	152	C	NOTE 4A
	167		F 2737		6"	.280	152	C	
CCW	168		F 2720		3"	.216	152	C	NOTE 4A
	168		F 2737		6"	.280	152	C	
CCW	248		F 2720		2"	.154	152	C	NOTE 4A
CCW	248				3"	.216	152	C	NOTE 4A
CCW	249		F 2720		1"	.133	152	C	NOTE 4A
CCW	294		F 2720		3/8	.065	2505	B	NOTE 3A
SS	294		F 2745		.75	.113	601	C	NOTE 4A
CCW	317		F 2720		12"	.406	152	C	
CCW	318		F 2720		12"	.406	152	C	
CCW	325		F 2720		8"	.322	152	C	NOTE 4B
CCW	326		F 2720		8"	.322	152	C	NOTE 4B
CCW	327		F 2720		4"	.337	151	C	NOTE 4B
	327				8"	.322	151	C	NOTE 4B
CCW	328		F 2720		8"	.322	151	C	NOTE 4A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
CCW	329		F 2720		4"	.337	151	C	NOTE 4A
	329				10"	.365	151	C	NOTE 4A
CCW	330		F 2720		.75	.113	151	C	NOTE 4A
WDS									
CCW	335		F 2720		.5	.109	152	C	NOTE 4A
	335				.75	.113	152	C	NOTE 4A
	335				1"	.133	152	C	NOTE 4A
	335				2"	.154	152	C	NOTE 4A
CCW	336		F 2720		1"	.133	152	C	NOTE 4A
	336				2"	.154	152	C	NOTE 4A
CCW	403		F 2720		1"	.133	152	C	NOTE 4A
	403				2"	.154	152	C	NOTE 4A
	403				3"	.216	152	C	NOTE 4A
CCW	404		F 2720		1"	.133	152	C	NOTE 4A
	404				2"	.154	152	C	NOTE 4A
	404				3"	.216	152	C	NOTE 4A
CCW	451		F 2720		2"	.154	152	C	NOTE 4A
			F 2730						
CCW	452		F 2720		.75	.113	152	C	NOTE 4A
	452		F 2730		1"	.133	152	C	NOTE 4A
	452		F 2730		1.5	.145	152	C	NOTE 4A
	452		F 2730		2"	.154	152	C	NOTE 4A
CCW	453		F 2719		.75	.113	152	C	NOTE 4A
	453		F 2720		3"	.216	152	C	NOTE 4A
CCW	454		F 2719		1"	.133	152	C	NOTE 4A
	454		F 2720		3"	.216	152	C	NOTE 4A
CCW	455		F 2720		.75	.113	152	C	NOTE 4A
	455				2"	.154	152	C	NOTE 4A
CCW	456		F 2720		.75	.113	152	C	NOTE 4A
	456				1"	.133	152	C	NOTE 4A
	456				2"	.154	152	C	NOTE 4A
CCW	457		F 2720		3"	.216	152	C	NOTE 4A
CCW	515		F 2720		3"	.216	151	C	NOTE 4A
CVC	515		F 2737		6"	.280	151	C	

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
CCW	516		F 2720		.75	.113	152	C	NOTE 4A
	516				1"	.133	152	C	NOTE 4A
	516				2"	.154	152	C	NOTE 4A
	516				3"	.216	152	C	NOTE 4A
	516				6"	.280	152	C	
CCW	561		F 2720		2"	.154	152	C	NOTE 4A
CCW	594		F 2724		2"	.154	151	C	NOTE 4A
PW									
===== CONDENSATE =====									
CON	1505		F 2018		12"	.250	C-3	C	
CON	1506		F 2018		8"	.250	C-3	C	
CON	1507		F 2018		6"	.280	C-3	C	
CON	1508		F 2018		6"	.280	C-3	C	
CON	1509		F 2018		8"	.250	C-3	C	
CON	1510		F 2018		3"	.216	C-3	C	NOTE 4A
CON	1511		F 2018		3"	.216	C-3	C	NOTE 4A
CON	1512		F 2018		3"	.216	C-3	C	NOTE 4A
CON	1513		F 2018		2"	.154	C-3	C	NOTE 4A
===== CHEMICAL AND VOLUME CONTROL SYSTEM =====									
CVC	17	B227783	208168		2"	.344	2501	B	NOTE 3A
CVC	17	B227784	208168		2"	.344	2501	B	NOTE 3A
CVC	17	B227785	208168		2"	.344	2501	B	NOTE 3A
CVC	17	B227786	208168		2"	.344	2501	B	NOTE 3A
CVC	17	B227787	208168		2"	.154	152	B	NOTE 3A
CVC	17				2"	.344	2501	B	NOTE 3A
CVC	17				3"	.216	152	B	NOTE 3A
CVC	17	B227788	208168		2"	.154	152	B	NOTE 3A
CVC	17				2"	.344	2501	B	NOTE 3A
CVC	17				4"	.237	152	B	NOTE 3A
CVC	17	B227789	F 2736		3"	.216	152	B	NOTE 3A
CVC	17				4"	.237	152	B	NOTE 3A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
CVC	17	B227790	F 2736		3"	.216	152	B	NOTE 3A
CVC	17				4"	.237	152	B	NOTE 3A
CVC	19	B206684	208168	D208006	3"	.438	2502	A	
CVC	19	B227791	F 2736		3"	.300	2502	B	NOTE 3A
CVC	27	B206685	208168	D208005	3"	.438	2501	A	
CVC	27				2"	.344	2501	A	
CVC	27	B227792	208168		2"	.154	601	B	NOTE 3A
CVC	27		F 2736						
CVC	29	B227793	206738		2"	.344	601	B	NOTE 3A
CVC	29		208168		3"	.438	601	B	NOTE 3A
CVC	29	B227794	208168		2"	.154	601	B	NOTE 3A
CVC	40		F 2719		2"	.154	151	C	NOTE 4A
WDS	40		F 2737		3"	.216	151	C	NOTE 4A
	40				4"	.237	151	C	NOTE 4A
CVC	41	B206686	208168		2"	.344	2502	A	
CVC	41	B206687	208168		1.5	.281	2501	A	
CVC	41				2"	.344	2501	A	
CVC	41				2"	.344	2502	A	
CVC	41	B227798	F 2736		2"	.344	2502	B	NOTE 3A
CVC	42	B206688	208168		2"	.344	2501	A	
CVC	42				2"	.344	2502	B	NOTE 3A
CVC	42	B206689	208168		1.5	.281	2501	A	
CVC	42				2"	.344	2501	A	
CVC	43	B206690	208168		2"	.344	2501	A	
CVC	43				2"	.344	2502	B	NOTE 3A
CVC	43	B206691	208168		1.5	.281	2501	A	
CVC	43				2"	.344	2501	A	
CVC	44	B206692	208168		2"	.344	2501	A	
CVC	44				2"	.344	2502	B	NOTE 3A
CVC	44	B206693	208168		1.5	.281	2501	A	
CVC	44				2"	.344	2501	A	
CVC	75	B227799	208168		1"	.250	2501	A	NOTE 1
CVC	75				.75	.219	2501	B	NOTE 3A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	ICL	IRG	NOTE
CVC	76	B227800	208168		1"	.250	2501	A	NOTE 1
CVC	76				.75	.219	2501	B	NOTE 3A
CVC	77	B227801	208168		1"	.250	2501	A	NOTE 1
CVC	77				.75	.219	2501	B	NOTE 3A
CVC	78	B206802	208168		1"	.250	2501	A	NOTE 1
CVC	78				.75	.219	2501	B	NOTE 3A
CVC	79	B206713	208168	D208005	3"	.438	2501	A	
CVC	80	B206714	208168	D208005	3"	.438	2501	A	
CVC	96	B206723	208168	D208005	3"	.438	2501	A	
CVC	97		208168		1"	.250	2501	A	NOTE 1
CVC	98	B227803	208168		1"	.250	2501	A	NOTE 1
CVC	98					.133	151	B	NOTE 3A
CVC	99		208168		2"	.154	601	B	NOTE 3A
CVC	100		F 2737		.75	.113	151	C	NOTE 4A
CVC	100				1"	.133	151	C	NOTE 4A
CVC	100				2"	.154	151	C	NOTE 4A
CVC	104		F 2737		1"	.133	151	C	NOTE 4A
CVC	105		F 2737		1"	.133	151	C	NOTE 4A
WDS	105				2"	.154	151	C	NOTE 4A
CVC	106		F 2730		1.25	.140	152	C	NOTE 4A
WDS	105		F 2737		2"	.154	151	C	NOTE 4A
CVC	107		F 2730		1"	.133	152	C	NOTE 4A
WDS	107		F 2737		2"	.154	151	C	NOTE 4A
CVC	108		F 2737		3/8	.065	2505	C	NOTE 4A
WDS	108				.75	.113	151	C	NOTE 4A
CVC	109		F 2737		.75	.113	151	C	NOTE 4A
CVC	109				1"	.133	151	C	NOTE 4A
CVC	109				2"	.154	151	C	NOTE 4A
CVC	114		F 2719		.75	.113	151	B	NOTE 3A
WDS	114		F 2736				151	B	NOTE 3A
CVC	115		F 2736		1"	.133	151	B	NOTE 3A
WDS	115								

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
CVC	116		F 2736		2"	.154	151	C	NOTE 4A
CVC	116		F 2737		3"	.216	151	C	NOTE 4A
CVC	117		F 2737		1"	.133	151	C	NOTE 4A
CVC	119		F 2719		2"	.154	151	C	NOTE 4A
WDS	119		F 2736						
	119		F 2737						
CVC	120	B227804	F 2736		2"	.154	151	C	NOTE 4A
CVC	120	B227805	F 2736		2"	.154	151	B	NOTE 3A
	120				2"	.154	151	C	NOTE 4A
CVC	120	B227806	F 2736		2"	.154	151	B	NOTE 3A
CVC	124		F 2737		1"	.133	152	C	NOTE 4A
	124				2"	.154	152	C	NOTE 4A
CVC	124A		F 2737		1"	.133	151	C	NOTE 4A
CVC	140	B227807	F 2736		2"	.154	151	B	NOTE 3A
	140	B227808						C	NOTE 4A
CVC	143		F 2719		2"	.154	151	C	NOTE 4A
WDS	143		F 2736						
CVC	159		F 2737		3/8	.065	151	C	NOTE 4A
WDS	159				.75	.113	2505	C	NOTE 4A
CVC	160		F 2737		3/8	.065	151	C	NOTE 4A
WDS	160				.75	.113	2505	C	NOTE 4A
CVC	162		F 2730		.75	.113	151	B	NOTE 3A
WDS	162		F 2736		1"	.133	152	B	NOTE 3A
CVC	169	B227809	F 2736		3"	.216	151	B	NOTE 3A
CVC	170	B227810	F 2736		2"	.154	151	B	NOTE 3A
	170				2"	.154	151	C	NOTE 4A
CVC	171		F 2737		1"	.133	151	C	NOTE 4A
CVC	172		F 2737		1"	.133	151	C	NOTE 4A
CVC	174		F 2737		1"	.133	151	C	NOTE 4A
WDS	174								
CVC	175		F 2737		1"	.133	151	C	NOTE 4A
WDS	175								

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	IRG	NOTE
CVC	176		F 2737		1"	.133	151	C	NOTE 4A
WDS	176				2"	.154	151	C	NOTE 4A
CVC	177		F 2737		2"	.154	151	C	NOTE 4A
WDS	177		F 2719		3"	.216	151	C	NOTE 4A
CVC	178		F 2737		2"	.154	151	C	NOTE 4A
WDS	178		F 2719		3"	.216	151	C	NOTE 4A
CVC	179		F 2737		2"	.154	151	C	NOTE 4A
WDS	179		F 2719		3"	.216	151	C	NOTE 4A
CVC	192		F 2737		2"	.154	151	C	NOTE 4A
WDS									
CVC	193		F 2737		2"	.154	151	C	NOTE 4A
WDS									
CVC	194		F 2737		2"	.154	151	C	NOTE 4A
WDS									
CVC	195		F 2737		.75	.113	151	C	NOTE 4A
CVC	196		F 2737		.75	.113	151	C	NOTE 4A
CVC	198		F 2737		.75	.113	151	C	NOTE 4A
WDS									
CVC	200	B227813	F 2736		4"	.237	151	B	NOTE 3A
CVC	200	B227814	F 2736		4"	.237	151	B	NOTE 3A
CVC	200	B227815	F 2736		4"	.237	151	B	NOTE 3A
CVC	201	B227816	F 2736		1"	.133	151	B	NOTE 3A
WDS									
CVC	202	B227817	F 2736		2"	.154	151	B	NOTE 3A
	202				2"	.154	151	C	NOTE 4A
CVC	203	B227818	F 2736		4"	.237	151	B	NOTE 3A
CVC	204	B227819	F 2736		1"	.133	151	B	NOTE 3A
	204				2"	.154	151	C	NOTE 4A
CVC	205	B227820	F 2735		4"	.237	151	B	NOTE 3A
SIS	205		F 2736						
CVC	206	B227821	F 2736		4"	.237	151	B	NOTE 3A



SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
CVC	207	B227822	F 2736		4"	.237	151	B	NOTE 3A
CVC	208	B227823	F 2736		2"	.154	151	B	NOTE 3A
	208				2"	.154	151	C	NOTE 4A
CVC	209	B227824	F 2736		3"	.438	2502	B	NOTE 3A
CVC	210	B227825	F 2736		.75	.154	2502	B	NOTE 3A
	210				1"	.133	151	C	NOTE 4A
CVC	211	B227826	F 2736		3"	.438	2502	B	NOTE 3A
CVC	212	B227827	F 2736		2"	.344	2502	B	NOTE 3A
CVC	212				3"	.438	2502	B	NOTE 3A
CVC	213	B227828	F 2736		.75	.154	2502	B	NOTE 3A
CVC	213				1"	.133	151	B	NOTE 3A
CVC	214	B227829	F 2736		3"	.438	2502	B	NOTE 3A
CVC	215	B227830	F 2736		2"	.344	2502	B	NOTE 3A
CVC	215				3"	.438	2502	B	NOTE 3A
CVC	216	B227866	F 2736		.75	.154	2502	B	NOTE 3A
CVC	216				1"	.133	151	B	NOTE 3A
CVC	217	B227867	F 2736		3"	.438	2502	B	NOTE 3A
CVC	218		F 2736		.75	.113	151	B	NOTE 3A
CVC	219		F 2736		.75	.113	151	B	NOTE 3A
CVC	220		F 2736		.75	.113	151	B	NOTE 3A
CVC	221		F 2736		2"	.154	151	C	NOTE 4A
CVC	222		F 2736		.75	.113	151	C	NOTE 4A
CVC	223		F 2736		2"	.154	151	C	NOTE 4A
CVC	224		F 2724		2"	.154	151	C	NOTE 4A
			F 2736						
CVC	225		F 2736		2"	.154	151	C	NOTE 4A
CVC	226		F 2736		.75	.113	151	C	NOTE 4A
CVC	227		F 2736		2"	.154	151	C	NOTE 4A
CVC	228		F 2736		2"	.154	151	C	NOTE 4A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
CVC	229		F 2736		2"	.154	151	C	NOTE 4A
CVC	230		F 2736		2"	.154	151	C	NOTE 4A
CVC	231		F 2736		.75	.113	151	C	NOTE 4A
CVC	232		F 2736		2"	.154	151	C	NOTE 4A
CVC	233		F 2736		.75	.113	151	C	NOTE 4A
CVC	235		F 2736		1"	.133	151	C	NOTE 4A
CVC	236		F 2736		1"	.133	151	C	NOTE 4A
CVC	244		F 2736		.75	.113	151	B	NOTE 3A
WDS									
CVC	246		F 2736		.75	.113	151	C	NOTE 4A
CVC	250	B227868	F 2736		2"	.154	151	B	NOTE 3A
CVC	251		F 2736		2"	.154	151	C	NOTE 4A
CVC	252		F 2736		2"	.154	151	C	NOTE 4A
CVC	254	B227869	F 2736		1"	.133	151	B	NOTE 3A
CVC	264		F 2719		3"	.216	151	C	NOTE 4A
WDS	264		F 2736						
CVC	265		F 2736		3"	.216	151	C	NOTE 4A
CVC	266		F 2736		3"	.216	151	C	NOTE 4A
CVC	267		F 2736		2"	.154	151	C	NOTE 4A
CVC	267				3"	.216	151	C	NOTE 4A
CVC	268		F 2719		3"	.216	151	C	NOTE 4A
WDS			F 2736						
CVC	269		F 2719		3"	.216	151	C	NOTE 4A
WDS			F 2736						
CVC	270		F 2736		.75	.113	151	C	NOTE 4A
CVC	271		F 2737		3"	.216	151	C	NOTE 4A
CVC	272		F 2737		3"	.216	151	C	NOTE 4A
CVC	273		F 2737		3"	.216	151	C	NOTE 4A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
CVC	276		F 2736		2"	.154	151	C	NOTE 4A
WDS									
CVC	288		F 2719		2"	.154	151	C	NOTE 4A
WDS	288		F 2737		3"	.216	151	C	NOTE 4A
CVC	289		F 2719		2"	.154	151	C	NOTE 4A
WDS	289		F 2737		3"	.216	151	C	NOTE 4A
CVC	295		F 2736		.75	.113	601	B	NOTE 3A
SS	295		F 2745		3/8	.065	2505	B	NOTE 3A
CVC	296		F 2736		.75	.113	601	B	NOTE 3A
SS	296		F 2745		3/8	.065	2505	B	NOTE 3A
CVC	300		F 2737		4"	.237	151	C	NOTE 4A
CVC	301		F 2737		4"	.237	151	C	NOTE 4A
CVC	302		F 2736		1"	.133	152	C	NOTE 4A
WDS	302				2"	.154	152	C	NOTE 4A
CVC	303		F 2737		2"	.154	151	C	NOTE 4A
CVC	304		F 2737		2"	.154	151	C	NOTE 4A
CVC	305		F 2737		1"	.133	151	C	NOTE 4A
CVC	305				2"	.154	151	C	NOTE 4A
CVC	306		F 2737		3"	.216	151	C	NOTE 4A
WDS	306				4"	.337	151	C	NOTE 4A
CVC	307		F 2737		3"	.216	151	C	NOTE 4A
WDS	307				4"	.337	151	C	NOTE 4A
CVC	308		F 2737		3"	.216	151	C	NOTE 4A
WDS	308				4"	.337	151	C	NOTE 4A
CVC	315		F 2737		.75	.113	151	C	NOTE 4A
CVC	345		F 2736		3/8	.065	2505	B	NOTE 3A
	345				.75	.113	151	C	NOTE 4A
CVC	346		F 2736		3/8	.065	2505	C	NOTE 4A
CVC	347		F 2736		3/8	.065	2505	B	NOTE 3A
	347							C	NOTE 4A
CVC	399		F 2736		.75	.113	151	B	NOTE 3A

SYS	LN #	ISO DWG	IF DWG	WLD DET	DIA	THK	ICL	IQG	NOTE
CVC	400		IF 2736		3"	.216	151	C	NOTE 4A
CVC	401		IF 2736		3"	.216	151	C	NOTE 4A
CVC	402	B227871	IF 2736		2"	.344	2502	B	NOTE 3A
CVC	436		IF 2736		3/8	.091	2505	B	NOTE 3A
WDS	436				.75	.095	2503	B	NOTE 3A
CVC	448		IF 2730		.75	.113	151	B	NOTE 3A
WDS	448				1"	.133	151	B	NOTE 3A
	448		IF 2736		2"	.154	152	C	NOTE 4A
CVC	449		IF 2720		3"	.216	151	C	NOTE 4A
CVC	462		IF 2737		1"	.133	151	C	NOTE 4A
CVC	480		IF 2736		3"	.216	151	C	NOTE 4A
	480		IF 2737						
CVC	484		IF 2737		2"	.154	151	C	NOTE 4A
CVC	501		IF 2737		1"	.133	151	C	NOTE 4A
WDS									
CVC	502		IF 2719		3"	.216	151	C	NOTE 4A
WDS			IF 2737						
CVC	503		IF 2719		2"	.154	151	C	NOTE 4A
WDS			IF 2737		3"	.216	151	C	NOTE 4A
CVC	504		IF 2737		2"	.154	151	C	NOTE 4A
WDS									
CVC	505		IF 2737		1"	.133	151	C	NOTE 4A
CVC	506		IF 2719		.75	.113	151	C	NOTE 4A
			IF 2737						
CVC	507		IF 2737		1"	.133	151	C	NOTE 4A
CVC	514		IF 2737		1"	.133	151	C	NOTE 4A
CVC	515		IF 2720		3"	.216	151	C	NOTE 4A
CCW	515		IF 2737		6"	.280	151	C	
CVC	545		IF 2736		2"	.154	151	B	NOTE 3A
CVC	550		IF 2736		.75	.154	2502	B	NOTE 3A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	ICL	IRG	NOTE
CVC	552		F 2736		.75	.154	2502	B	NOTE 3A
CVC	551		F 2736		.75	.113	151	B	NOTE 3A
WDS	551				.75	.154	2502	B	NOTE 3A
CVC	553		F 2736		.75	.113	151	B	NOTE 3A
WDS	553				.75	.154	2502	B	NOTE 3A
CVC	565		F 2735		2"	.154	151	B	NOTE 2A
SIS	565		F 2737		2"	.154	151	B	NOTE 3A
===== HIGH PRESSURE SAFETY INJECTION SYSTEM =====									
HIS	16	B206681	F 2735	D208014	6"	.437	1501	B	
HIS	16			D208007	4"	.337	1501	B	
HIS	16	B206682	235296	D208014	6"	.437	1501	B	
HIS	16				2"	.218	1501	B	
HIS	16			D208007	4"	.337	1501	B	
HIS	16				2"	.344	1501	A	
HIS	16	B227782	F 2735	D208007	4"	.337	1501	B	
HIS	16				2.5	.276	1501	B	
HIS	16	B206683	235296		2"	.218	1501	B	
HIS	16				2.5	.276	1501	B	
HIS	56	B206698	F 2735	D208014	6"	.437	1501	B	
HIS	56			D208007	4"	.337	1501	B	
HIS	56				2.5	.276	1501	B	
HIS	56	B206699	235296	D208014	6"	.437	1501	B	
HIS	56	B206700	235296		2"	.344	2501	A	
HIS	56				2"	.218	1501	B	
HIS	56	B206701	235296		2"	.344	2501	A	
HIS	56				2"	.218	1501	B	
HIS	56	B206702	235296		2"	.344	2501	A	
HIS	56				2"	.218	1501	B	
HIS	1752	B206681	F 2735	D208007	4"	.337	1501	B	
HIS	1753	B206698	F 2735	D208007	4"	.337	1501	B	
===== MAIN STEAM =====									
MS	1	B206655	F 2017	D208038	28"	.912	A-1	B	

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
MS	1	B206656	F 2017	D208038	28"	.912	A-1	B	
MS	1			D208031	12"	.688	A-1	B	
MS	1			D208016	6"	.500	A-1	B	
MS	2	B206657	F 2017	D208038	28"	.912	A-1	B	
MS	2	B206658	F 2017	D208038	28"	.912	A-1	B	
MS	2			D208031	12"	.688	A-1	B	
MS	2			D208016	6"	.500	A-1	B	
MS	3	B206659	F 2017	D208038	28"	.912	A-1	B	
MS	3	B206660	F 2017	D208038	28"	.912	A-1	B	
MS	3			D208031	12"	.688	A-1	B	
MS	3			D208016	6"	.500	A-1	B	
MS	4	B206661	F 2017	D208038	28"	.912	A-1	B	
MS	4	B206662	F 2017	D208038	28"	.912	A-1	B	
MS	4			D208031	12"	.688	A-1	B	
MS	4			D208016	6"	.500	A-1	B	
MS	1500		F 2017		4"	.337	A-1	B	NOTE 3A
								C	NOTE 4A
MS	1501		F 2017		4"	.337	A-1	B	NOTE 3A
								C	NOTE 4A
===== NITROGEN SYSTEM =====									
IN2	319		F 2735		.75	.154	2502	B	NOTE 3A
	319				2"	.154	2502	B	NOTE 3A
===== PRIMARY WATER SYSTEM =====									
PW	33		F 2724		1.5	.145	151	C	NOTE 3A
RCS	33		F 2738		3"	.216	151	C	NOTE 3A
PW	103		F 2720		2"	.154	151	C	NOTE 4A
PW	103		F 2724						
PW	118		F 2719		1"	.133	151	C	NOTE 4A
	118		F 2720		2"	.154	151	C	NOTE 4A
	118		F 2724		3"	.216	151	C	NOTE 4A
	118		F 2736						
	118		F 2737						
PW	479		F 2719		.75	.113	151	C	NOTE 4A
	479		F 2720		1"	.133	151	C	NOTE 4A
	479		F 2724		2"	.154	151	C	NOTE 4A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	RG	NOTE
PW	594		F 2724		2"	.154	151	C	NOTE 4A
CCW									
===== REACTOR COOLANT SYSTEM =====									
RCS	23		F 2719		.75	.113	151	C	NOTE 4A
WDS	23		F 2738		1"	.133	151	C	NOTE 4A
RCS	24		F 2738		3/8	.065	2505	C	NOTE 4A
WDS	24								
RCS	25		F 2738		3/8	.065	2505	A	NOTE 1
SS	25		F 2745		.75	.219	2501	B	NOTE 3A
	25							C	NOTE 4A
RCS	26		F 2738		3/8	.065	2505	A	NOTE 1
SS	26		F 2745		.75	.219	2501	B	NOTE 3A
	26							C	NOTE 4A
RCS	32		F 2738		.75	.113	152	C	NOTE 3A
WDS	32								
RCS	33		F 2724		1.5	.145	151	C	NOTE 3A
PW	33		F 2738		3"	.216	151	C	NOTE 3A
RCS	59		F 2738		3/8	.065	2505	A	NOTE 1
SS	59		F 2745		.75	.219	2501	B	NOTE 3A
	59				.75	.219	2501	C	NOTE 4A
RCS	61	B206707	F 2738	D208005	3"	.438	2501	A	
RCS	61	B206708	F 2738	D208005	3"	.438	2501	A	
RCS	61			D208008	4"	.531	2501	A	
RCS	62	B206709	F 2738	D208005	3"	.438	2501	A	
RCS	62			D208008	4"	.531	2501	A	
RCS	63	B206710	F 2738	D208033	14"	1.250	2501	A	
RCS	64	B206711	208168		2"	.344	2501	A	
RCS	64		F 2738						
RCS	70	B206712	F 2738	D208008	4"	.531	2501	A	
RCS	70			D208005	3"	.438	2501	A	
RCS	81	B206715	F 2738		2"	.438	2501	A	
RCS	82	B206716	F 2738		2"	.344	2501	A	
RCS	83	B206717	F 2738		2"	.344	2501	A	

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	ICL	IQG	NOTE
RCS	84	B206718	F 2738		2"	.344	2501	A	
RCS	342	B206731	F 2738	D207978	4"	.688	2501	A	
RCS	343	B206732	F 2738	D207979	4"	.688	2501	A	
RCS	344	B206733	F 2738	D207980	4"	.688	2501	A	
RCS	381		F 2738		.75	.113	151	C	NOTE 4A
RCS	382		F 2738		.75	.113	151	C	NOTE 4A
RCS	383		F 2738		.75	.113	151	C	NOTE 4A
RCS	384		F 2738		.75	.113	151	C	NOTE 4A
RCS	445		F 2738		3/8	.065	2505	B	NOTE 3A
	445				.75	.219	2501	B	NOTE 3A
	445				1"	.250	2501	B	NOTE 3A
RCS	474		F 2738		.75	.219	2501	B	NOTE 3A
RCS	522		F 2738		.75	.219	2501	B	NOTE 3A
RCS	592		F 2738		1"	.133	151	C	NOTE 4A
RCS	791	A208798			3/8			A	NOTE 1
					.75	.219		A	NOTE 1
					1	.250		A	NOTE 1
RCS	792	A208798			3/8			A	NOTE 1
					.75	.219		A	NOTE 1
					1	.250		A	NOTE 1
RCS	LP21	A206924	F 2738		24"	2.375		A	
RCS	LP22	A206924	F 2738		24"	2.375		A	
RCS	LP23	A206924	F 2738		24"	2.375		A	
RCS	LP24	A206924	F 2738		24"	2.375		A	
===== RESIDUAL HEAT REMOVAL SYSTEM =====									
RHR	9	B206667	251783	D208029	12"	.375	601	B	
ACS	9			D208019	8"	.328	601	B	
RHR	9	B206668	2720	D208029	12"	.375	601	B	
ACS	9			D208019	8"	.328	601	B	



SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
RHR	10	B206669	F 2720	D208033	14"	1.250	2501	A	
ACS				D208032	14"	.437	601	B	
RHR	10	B206670	251783	D208032	14"	.437	601	B	
ACS	10			D208029	14"	.375	601	B	
	10			D208024	10"	.359	601	B	
RHR	293	B206730	235296	D208024	10"	.359	601	B	NOTE 2B
SIS	293			D208019	8"	.328	601	B	NOTE 2B
RHR	337		251783		.75	.113	601	B	NOTE 2A
RHR	337				1"	.133	601	B	NOTE 2A
RHR	337				1.5	.145	601	B	NOTE 2A
RHR	337				2"		601	B	NOTE 2A
RHR	337				3"		601	B	NOTE 2A
===== SAFETY INJECTION SYSTEM =====									
SIS	15	B206677	F 2735	D208018	8"	.328	301	B	NOTE 2B
SIS	15	B206678	F 2735	D208018	8"	.328	301	B	NOTE 2B, 2H
SIS	15	B206679	235296	D208018	8"	.328	301	B	NOTE 2H
SIS	15	B206680	235296	D208018	8"	.328	301	B	NOTE 2H
SIS	31	B227795	235296		.75	.219	2505	A	NOTE 1
SIS	31				.75	.154	1501	B	NOTE 2C
SIS	31	B227796	235296		.75	.154	1501	B	NOTE 2C
SIS	31	B227797	235296		.75	.219	2501	A	NOTE 1
SIS	31				.75	.154	1501	B	NOTE 2C
SIS	51	B206694	F 2735	D208018	8"	.328	301	B	NOTE 2B
SIS	51	B206695	F 2735	D208018	8"	.328	301	B	NOTE 2B, 2H
SIS	51	B206696	235296	D208018	8"	.328	301	B	NOTE 2H
SIS	51	B206697	235296	D208018	8"	.328	301	B	NOTE 2H
SIS	57	B206703	235296	D208034	18"	.250	151	B	NOTE 2B
SIS	57			D208032	14"	.437	601	B	
SIS	57		251783	D208094	14"	.250	151	B	NOTE 2B
SIS	60	B206704	235296	D208019	8"	.328	601	B	NOTE 2B

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	ICL	IQG	NOTE
SIS	60	B206705	F 2735	D208019	8"	.328	601	B	NOTE 2B
SIS	60			D208012	6"	.280	601	B	NOTE 2B
SIS	60			D208017	8"	.148	151	B	NOTE 2B
SIS	60			D208010	6"	.134	151	B	NOTE 2B
SIS	60	B206706	F 2735	D208017	8"	.148	151	B	NOTE 2B
SIS	60			D208010	6"	.134	151	B	NOTE 2B
SIS	60				4"	.120	151	B	NOTE 2D
SIS	68		F 2735		1"	.133	601	B	NOTE 2C
WDS	68					.179	2503	B	NOTE 2C
	68					.250	2502	B	NOTE 2C
SIS	69		F 2735		3/8	.065	2505	B	NOTE 2C
SS	69		F 2745		.75	.113	601	B	NOTE 2C
SIS	93	B206719	235296	D208019	8"	.328	601	B	NOTE 2B, 2H
SIS	93			D208018	8"	.328	301	B	NOTE 2B, 2H
SIS	93	B206720	235296	D208018	8"	.328	301	B	NOTE 2H
SIS	93			D208011	6"	.280	301	B	NOTE 2H
SIS	94	B206721	235296	D208019	8"	.328	601	B	NOTE 2B, 2H
SIS	94			D208018	8"	.328	301	B	NOTE 2B
SIS	94	B206722	235296	D208018	8"	.328	301	B	NOTE 2H
SIS	94			D208011	6"	.280	301	B	NOTE 2H
SIS	154		F 2720		2"	.154	151	C	NOTE 4A
CCW	154		F 2735						
SIS	155	B206724	F 2735	D208034	16"	.250	151	B	NOTE 2B
	155			D208095	14"	.437	151	B	
SIS	155	B206725	F 2735	D208034	16"	.250	151	B	NOTE 2B
	155			D208029	12"	.375	601	B	
	155				12"	.180	151	B	NOTE 2B
SIS	161		F 2735		.75	.154	1501	B	NOTE 2A
SIS	161				1"	.179	1501	B	NOTE 2A
SIS	164		F 2735		.75	.113	301	B	NOTE 2A
SIS	181	B206726	F 2735	D208028	12"	.180	151	B	NOTE 2B
SIS	181			D208023	10"	.165	151	B	NOTE 2B
SIS	183	B227811	227781		2"	.154	151	B	NOTE 2A
SIS	183				2"	.154	151	C	NOTE 4A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
SIS	187		F 2735		2"	.154	151	C	NOTE 4A
SIS	187				2"	.154	301	C	NOTE 4A
SIS	187				3"	.216	151	C	NOTE 4A
SIS	187				3"	.216	301	C	NOTE 4A
SIS	188	B227812	F 2735		3"	.216	301	B	NOTE 2A
SIS	189	B206727	F 2735	D208017	8"	.148	151	B	NOTE 2B
SIS	190	B206728	251783	D208019	8"	.328	601	B	NOTE 2B
SIS	190			D208017	8"	.148	151	B	NOTE 2B
SIS	199	B206729	F 2735	D208010	6"	.134	151	B	NOTE 2B
SIS	205	B227820	F 2735		4"	.237	151	B	NOTE 3A
CVC	205		F 2736						
SIS	293	B206730	235296	D208024	10"	.359	601	B	NOTE 2B
RHR	293			D208019	8"	.328	601	B	NOTE 2B
SIS	320		F 2735		2"	.154	151	B	NOTE 2A
SIS	320				3"	.216	151	B	NOTE 2A
SIS	321		F 2735		2"	.154	151	B	NOTE 2A
SIS	339		F 2719		1"	.133	601	B	NOTE 2A
WDS									
SIS	350	B206901	235296	D208025	10"	1.0	2501	A	
SIS	350			D208025	10"	1.0	2501	B	NOTE 2G
SIS	350			D208024	10"	.359	601	B	NOTE 2G
SIS	351	B206902	235296	D208025	10"	.359	601	B	NOTE 2G
SIS	351	B206903	235296	D208025	10"	1.0	2501	A	
SIS	351			D208025	10"	1.0	2501	B	NOTE 2G
SIS	351			D208024	10"	.359	601	B	NOTE 2G
SIS	352	B206904	235296	D208025	10"	1.0	2501	A	
SIS	352			D208025	10"	1.0	2501	B	NOTE 2G
SIS	352			D208024	10"	.359	601	B	NOTE 2G
SIS	353	B206905	235296	D208025	10"	1.0	2501	A	
SIS	353			D208025	10"	1.0	2501	B	NOTE 2G
SIS	353			D208024	10"	.359	601	B	NOTE 2G
SIS	355	B206906	235296	D208015	6"	.718	2501	A	
SIS	355				6"	.718	2501	B	

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
SIS	356	B206907	235296	D208015	6"	.718	2501	A	
SIS	356				6"	.718	2501	B	
SIS	358	B206908	235296	D208015	6"	.718	2501	A	
SIS	358				6"	.718	2501	B	
SIS	361	B206909	235296	D208026	10"	1.125	2501	B	
SIS	361			D208021	8"	.906	2501	B	
SIS	361			D208019	8"	.328	601	B	NOTE 2B
SIS	361			D208015	6"	.718	2501	B	
SIS	361	B206910	235296	D208015	6"	.718	2501	A	
SIS	361				6"	.718	2501	B	
SIS	362		235296		1"	.133	601	B	NOTE 2A
SIS	362				1"	.179	1501	B	NOTE 2A
SIS	467		F 2735		.75	.154	1501	B	NOTE 2A
SIS	475		F 2735		2"	.154	301	B	NOTE 2A
SIS	518	B206911	F 2735	D208010	6"	.134	151	B	NOTE 2B
SIS	548		F 2735		.75	.113	301	C	NOTE 4A
SIS	548				1"	.133	151	C	NOTE 4A
SIS	565		F 2735		2"	.154	151	B	NOTE 2A
CVC			F 2737		2"	.154	151	B	NOTE 3A
SIS	579		F 2735		3"	.216	301	B	NOTE 2A
SIS	580		F 2735		2"	.154	151	B	NOTE 2A
SIS	581		F 2735		.75	.113	151	B	NOTE 2A
SIS	595		F 2745		3/8	.091	601	B	NOTE 2A
					3/8	.091	601	C	NOTE 4A
SIS	609		F 2735		.75	.113	301	B	NOTE 2A
WDS	609		F 2719		1"	.133	301	B	NOTE 3A
SIS	R 1	B206671	235296	D208011	6"	.280	301	B	NOTE 2H
SIS	R 1	B206672	235296	D208011	6"	.280	301	B	NOTE 2H
SIS	R 2	B206673	235296	D208011	6"	.280	301	B	NOTE 2H
SIS	R 2	B206674	235296	D208011	6"	.280	301	B	NOTE 2H
SIS	R 3	B206675	235296	D208011	6"	.280	301	B	NOTE 2H

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	ICL	IQG	NOTE
SIS	R 4	B206676	235296	D208011	6"	.280	301	B	NOTE 2H
===== SAMPLE SYSTEM =====									
SS	25		F 2738		3/8	.065	2505	A	NOTE 1
RCS	25		F 2745		.75	.219	2501	B	NOTE 3A
	25							C	NOTE 4A
SS	26		F 2738		3/8	.065	2505	A	NOTE 1
RCS	26		F 2745		.75	.219	2501	B	NOTE 3A
	26							C	NOTE 4A
SS	59		F 2738		3/8	.065	2505	A	NOTE 1
RCS	59		F 2745		.75	.219	2501	B	NOTE 3A
	59				.75	.219	2501	C	NOTE 4A
SS	69		F 2735		3/8	.065	2505	B	NOTE 2C
SIS	69		F 2745		.75	.113	601	B	NOTE 2C
SS	294		F 2720		3/8	.065	2505	B	NOTE 3A
CCW	294		F 2745		.75	.113	601	C	NOTE 4A
SS	295		F 2736		.75	.113	601	B	NOTE 3A
CVC	295		F 2745		3/8	.065	2505	B	NOTE 3A
SS	296		F 2736		.75	.113	601	B	NOTE 3A
CVC	296		F 2745		3/8	.065	2505	B	NOTE 3A
SS	297		F 2736		.75	.113	601	B	NOTE 3A
	297		F 2745		3/8	.065	2505	B	NOTE 3A
SS	322		F 2735		2"	.154	151	B	NOTE 3A
SS	364		F 2729		3/8	.065	2505	B	NOTE 3A
	364		F 2745		.5	.065	2505	B	NOTE 3A
SS	365		F 2729		3/8	.065	2505	B	NOTE 3A
	365		F 2745		.5	.065	2505	B	NOTE 3A
SS	366		F 2729		3/8	.065	2505	B	NOTE 3A
	366		F 2745		.5	.065	2505	B	NOTE 3A
SS	367		F 2729		3/8	.065	2505	B	NOTE 3A
	367		F 2745		.5	.065	2505	B	NOTE 3A
SS	375	B227870	F 2736		3/8	.065	2505	B	NOTE 3A
	375				1"	.133	151	B	NOTE 3A
SS	557		F 2736		.75	.065	153	B	NOTE 3A
SS	572		F 2727		.75	.065	153	B	NOTE 3A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	ICL	IQG	NOTE
SS	605				.75	.065	153	B	NOTE 3A
SS	606				.75	.065	153	B	NOTE 3A
SS	607				.75	.065	153	B	NOTE 3A
SS	608				.75	.065	153	B	NOTE 3A
SS	610		F 2745		3/8	.065	2505	C	NOTE 4A
WDS	610				.75	.113	151	C	NOTE 4A
SS	615		F 2745		3/8	.065	2505	B	NOTE 3A
SS	616		F 2737		3/8	.065	2505	B	NOTE 3A
SS	630		F 2737		.75	.065	153	B	NOTE 3A
===== SERVICE WATER =====									
SW	11A		F 2722		10"	.365	-35	C	
SW	11B		F 2722		10"	.365	-35	C	
SW	11C		F 2722		10"	.365	-35	C	
SW	11D		F 2722		10"	.365	-35	C	
SW	11E		F 2722		10"	.365	-35	C	
SW	12		F 2722		1"	.133	301	C	NOTE 4A
SW	12				2"	.154	301	C	NOTE 4A
SW	12A		F 2722		10"	.365	-35	C	
SW	12B		F 2722		10"	.365	-35	C	
SW	12C		F 2722		10"	.365	-35	C	
SW	12D		F 2722		10"	.365	-35	C	
SW	12E		F 2722		10"	.365	-35	C	
SW	407		F 2722		18"	.375	SWN	C	
	407				20"	.375	SWN	C	
SW	408		F 2722		10"	.365	SWN	C	
	408				14"	.375	SWN	C	
	408				18"	.375	SWN	C	
	408				20"	.375	SWN	C	

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	ICL	IRG	NOTE
SW	409		F 2722		18"	.375	SWN	C	
	409				24"	.375	SWN	C	
SW	410		F 2722		10"	.365	SWN	C	
SW	411		F 2722		18"	.375	SWN	C	
	411				20"	.375	SWN	C	
SW	413		F 2722		4"	.237	SWN	C	NOTE 4A
	413				6"	.280	SWN	C	
	413				10"	.365	SWN	C	
SW	414		F 2722		4"	.237	SWN	C	NOTE 4A
	414				6"	.280	SWN	C	
	414				10"	.365	SWN	C	
SW	468		F 2722		1"	.133	-35	C	NOTE 4A
SW	469		F 2722		1"	.133	-35	C	NOTE 4A
SW	470		F 2722		1"	.133	-35	C	NOTE 4A
SW	471		F 2722		1"	.133	-35	C	NOTE 4A
SW	495		F 2722		2"	.154	151	C	NOTE 4A
SW	496		F 2722		2"	.154	SWN	C	NOTE 4A
SW	497		F 2722		2"	.154	SWN	C	NOTE 4A
SW	498		F 2722		2"	.154	SWN	C	NOTE 4A
SW	499		F 2722		2"	.154	SWN	C	NOTE 4A
SW	719		F 2722		10"	.365		C	
SW	1535		F 2722		2.5	.203	SWT	C	NOTE 4A
	1535				3"	.216	SWT	C	NOTE 4A
SW	1536		F 2722		2.5	.203	SWT	C	NOTE 4A
	1536				3"	.216	SWT	C	NOTE 4A
SW	1537		F 2722		2.5	.203	SWT	C	NOTE 4A
SW	1538		F 2722		2.5	.203	SWT	C	NOTE 4A
SW	1539		F 2722		2.5	.203	SWT	C	NOTE 4A
	1539				3"	.216	SWT	C	NOTE 4A
SW	1540		F 2722		2.5	.203	SWT	C	NOTE 4A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
SW	1541		F 2722		3"	.216	SWT	C	NOTE 4A
SW	1542		F 2722		1"	.133	SWT	C	NOTE 4A
SW	1543		F 2722		1"	.133	SWT	C	NOTE 4A
SW	1544		F 2722		1.25	.140	J-3	C	NOTE 4A
SW	1545		F 2722		1.25	.140	J-3	C	NOTE 4A
	1545				2"	.154	J-3	C	NOTE 4A
SW	1546		F 2722		1.25	.140	J-3	C	NOTE 4A
SW	1547		F 2722		.5	.109	J-3	C	NOTE 4A
SW	1548		F 2722		2"	.154	J-3	C	NOTE 4A
SW	1549		F 2722		2"	.154	J-3	C	NOTE 4A
SW	1550		F 2722		2"	.154	J-3	C	NOTE 4A
SW	1551		F 2722		.75	.113	J-3	C	NOTE 4A
	1551				1.25	.140	J-3	C	NOTE 4A
SW	1552		F 2722		1.25	.140	J-3	C	NOTE 4A
	1552				2"	.154	J-3	C	NOTE 4A
SW	1553		F 2722		1.25	.140	J-3	C	NOTE 4A
SW	1554		F 2722		.75	.113	J-3	C	NOTE 4A
SW	1555		F 2722		1.25	.140	J-3	C	NOTE 4A
	1555				2"	.154	J-3	C	NOTE 4A
SW	1556		F 2722		1.25	.140	J-3	C	NOTE 4A
	1556				2"	.154	J-3	C	NOTE 4A
SW	1557		F 2722		.75	.113	J-3	C	NOTE 4A
SW	1558		F 2722		.75	.113	J-3	C	NOTE 4A
SW	1559		F 2722		.75	.113	J-3	C	NOTE 4A
SW	1560		F 2722		.75	.113	J-3	C	NOTE 4A
SW	1561		F 2722		.75	.113	J-3	C	NOTE 4A
SW	1562		F 2722		.75	.113	J-3	C	NOTE 4A
SW	1563		F 2722		.75	.113	J-3	C	NOTE 4A



SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	ICL	IQG	NOTE
SW	1564		F 2722		.75	.113	J-3	C	NOTE 4A
SW	1565		F 2722		.75	.113	J-3	C	NOTE 4A
SW	1566		F 2722		.75	.113	J-3	C	NOTE 4A
===== WASTE DISPOSAL SYSTEM =====									
WDS	23		F 2719		.75	.113	151	C	NOTE 4A
RCS	23		F 2738		1"	.133	151	C	NOTE 4A
WDS	24		F 2738		3/8	.065	2505	C	NOTE 4A
RCS	24								
WDS	30		F 2719		3/8	.065	151	C	NOTE 4A
	30				.75	.113	2505	C	NOTE 4A
WDS	32		F 2738		.75	.113	152	C	NOTE 3A
RCS	32								
WDS	40		F 2719		2"	.154	151	C	NOTE 4A
CVC	40		F 2737		3"	.216	151	C	NOTE 4A
	40				4"	.237	151	C	NOTE 4A
WDS	67		F 2719		.75	.113	152	C	NOTE 4A
	67				1"	.133	152	C	NOTE 4A
WDS	68		F 2735		1"	.133	601	B	NOTE 2C
SIS	68					.179	2503	B	NOTE 2C
	68					.250	2502	B	NOTE 2C
WDS	105		F 2737		1"	.133	151	C	NOTE 4A
CVC	105				2"	.154	151	C	NOTE 4A
WDS	106		F 2730		1.25	.140	152	C	NOTE 4A
CVC	105		F 2737		2"	.154	151	C	NOTE 4A
WDS	107		F 2730		1"	.133	152	C	NOTE 4A
CVC	107		F 2737		2"	.154	151	C	NOTE 4A
WDS	108		F 2737		3/8	.065	2505	C	NOTE 4A
CVC	108				.75	.113	151	C	NOTE 4A
WDS	114		F 2719		.75	.113	151	B	NOTE 3A
CVC	114		F 2736				151	B	NOTE 3A
WDS	115		F 2736		1"	.133	151	B	NOTE 3A
CVC	115								

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	ICL	IQG	NOTE
WDS	119		F 2719		2"	.154	151	C	NOTE 4A
CVC	119		F 2736						
	119		F 2737						
WDS	130		F 2719		1"	.133	151	C	NOTE 4A
WDS	131		F 2730		1"	.133	152	C	NOTE 4A
	131				2"	.154	152	C	NOTE 4A
WDS	134		F 2730		1"	.133	152	C	NOTE 4A
WDS	141		F 2730		1"	.133	152	C	NOTE 4A
	141								
WDS	143		F 2719		2"	.154	151	C	NOTE 4A
CVC	143		F 2736						
WDS	156		F 2720		2"	.154	151	C	NOTE 4A
CCW	156								
WDS	157		F 2719		3"	.216	151	C	NOTE 4A
CCW	157		F 2720						
	157		F 2736						
WDS	158		F 2730		1"	.133	152	C	NOTE 4A
WDS	159		F 2737		3/8	.065	151	C	NOTE 4A
CVC	159				.75	.113	2505	C	NOTE 4A
WDS	160		F 2737		3/8	.065	151	C	NOTE 4A
CVC	160				.75	.113	2505	C	NOTE 4A
WDS	162		F 2730		.75	.113	151	B	NOTE 3A
CVC	162		F 2736		1"	.133	152	B	NOTE 3A
WDS	174		F 2737		1"	.133	151	C	NOTE 4A
CVC	174								
WDS	175		F 2737		1"	.133	151	C	NOTE 4A
CVC	175								
WDS	176		F 2737		1"	.133	151	C	NOTE 4A
CVC	176				2"	.154	151	C	NOTE 4A
WDS	177		F 2737		2"	.154	151	C	NOTE 4A
CVC	177		F 2719		3"	.216	151	C	NOTE 4A
WDS	178		F 2737		2"	.154	151	C	NOTE 4A
CVC	178		F 2719		3"	.216	151	C	NOTE 4A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	QG	NOTE
WDS	179		F 2737		2"	.154	151	C	NOTE 4A
CVC	179		F 2719		3"	.216	151	C	NOTE 4A
WDS	186		F 2730		.75	.113	152	C	NOTE 4A
	186				1"	.133	152	C	NOTE 4A
	186				2"	.154	152	C	NOTE 4A
WDS	191		F 2719		1"	.133	151	C	NOTE 4A
WDS	192		F 2737		2"	.154	151	C	NOTE 4A
CVC									
WDS	193		F 2737		2"	.154	151	C	NOTE 4A
CVC									
WDS	194		F 2737		2"	.154	151	C	NOTE 4A
CVC									
WDS	198		F 2737		.75	.113	151	C	NOTE 4A
CVC									
WDS	201	B227816	F 2736		1"	.133	151	B	NOTE 3A
CVC									
WDS	244		F 2736		.75	.113	151	B	NOTE 3A
CVC									
WDS	264		F 2719		3"	.216	151	C	NOTE 4A
CVC	264		F 2736						
WDS	268		F 2719		3"	.216	151	C	NOTE 4A
CVC			F 2736						
WDS	269		F 2719		3"	.216	151	C	NOTE 4A
CVC			F 2736						
WDS	276		F 2736		2"	.154	151	C	NOTE 4A
CVC									
WDS	283		F 2736		2"	.154	151	C	NOTE 4A
WDS	288		F 2719		2"	.154	151	C	NOTE 4A
CVC	288		F 2737		3"	.216	151	C	NOTE 4A
WDS	289		F 2719		2"	.154	151	C	NOTE 4A
CVC	289		F 2737		3"	.216	151	C	NOTE 4A
WDS	290		F 2720		2"	.154	151	C	NOTE 4A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	ICL	IQG	NOTE
WDS	302		F 2736		1"	.133	152	C	NOTE 4A
CVC	302				2"	.154	152	C	NOTE 4A
WDS	306		F 2737		3"	.216	151	C	NOTE 4A
CVC	306				4"	.337	151	C	NOTE 4A
WDS	307		F 2737		3"	.216	151	C	NOTE 4A
CVC	307				4"	.337	151	C	NOTE 4A
WDS	308		F 2737		3"	.216	151	C	NOTE 4A
CVC	308				4"	.337	151	C	NOTE 4A
WDS	310		F 2719		2"	.154	151	C	NOTE 4A
WDS	314		F 2736		.75	.113	151	B	NOTE 3A
WDS	330		F 2720		.75	.113	151	C	NOTE 4A
CCW									
WDS	338		F 2719		2"	.154	151	C	NOTE 4A
WDS	339		F 2719		1"	.133	601	B	NOTE 2A
SIS									
WDS	424		F 2719		.75	.113	151	C	NOTE 4A
	424		F 2730		1.5	.145	151	C	NOTE 4A
	424				2"	.154	151	C	NOTE 4A
WDS	427		F 2737		.75	.113	151	C	NOTE 4A
	427				1"	.133	152	C	NOTE 4A
WDS	435		F 2730		3/8	.065	2505	C	NOTE 4A
	435				.75	.219	2503	C	NOTE 4A
WDS	436		F 2736		3/8	.091	2505	B	NOTE 3A
CVC	436				.75	.095	2503	B	NOTE 3A
WDS	440		F 2730		.75	.113	151	C	NOTE 4A
	440		F 2737						
WDS	441		F 2730		.75	.113	152	C	NOTE 4A
WDS	442		F 2730		1"	.133	152	C	NOTE 4A
	442				2"	.154	152	C	NOTE 4A
WDS	443		F 2730		2"	.154	152	C	NOTE 4A
WDS	446		F 2719		1"	.133	151	C	NOTE 4A

SYS	LN #	ISO DWG	F DWG	WLD DET	DIA	THK	CL	Q	RG	NOTE
WDS	448		F 2730		.75	.113	151	B		NOTE 3A
CVC	448				1"	.133	151	B		NOTE 3A
	448		F 2736		2"	.154	152	C		NOTE 4A
WDS	501		F 2737		1"	.133	151	C		NOTE 4A
CVC										
WDS	502		F 2719		3"	.216	151	C		NOTE 4A
CVC			F 2737							
WDS	503		F 2719		2"	.154	151	C		NOTE 4A
CVC			F 2737		3"	.216	151	C		NOTE 4A
WDS	504		F 2737		2"	.154	151	C		NOTE 4A
CVC										
WDS	551		F 2736		.75	.113	151	B		NOTE 3A
CVC	551				.75	.154	2502	B		NOTE 3A
WDS	553		F 2736		.75	.113	151	B		NOTE 3A
CVC	553				.75	.154	2502	B		NOTE 3A
WDS	555		F 2730		.75	.113	152	C		NOTE 4A
WDS	556		F 2730		.75	.113	152	C		NOTE 4A
WDS	571		F 2727		1"	.179	11-WD	B		NOTE 3A
WDS	573		F 2727		2"	.154	152	B		NOTE 3A
WDS	574		F 2727		.75	.113	152	B		NOTE 3A
WDS	575	B227872	F 2727		2"	.154	152	B		NOTE 3A
WDS	576		F 2727		.75	.113	152	B		NOTE 3A
WDS	600		F 2727		1"	.179	11-WD	B		NOTE 3A
WDS	601		F 2727		1"	.179	11-WD	B		NOTE 3A
WDS	609		F 2735		.75	.113	301	B		NOTE 2A
SIS	609		F 2719		1"	.133	301	B		NOTE 3A
WDS	610		F 2745		3/8	.065	2505	C		NOTE 4A
SS	610				.75	.113	151	C		NOTE 4A

NOTES:  
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- 1 QUALITY GROUP A PIPING & COMPONENTS, OTHER THAN STEAM GENERATOR TUBING, 1" NPS AND LESS ARE EXEMPT FROM NDE REQUIREMENTS. PER IWB-1220(B)(1) & (2)
- 2 QUALITY GROUP B COMPONENTS WITHIN RHR, ECC & CHR ARE EXEMPT FROM THE NDE REQUIREMENTS OF TABLE IWB-2500-1 AS STATED BELOW:
  - 2A \* VESSELS, PIPING, PUMPS, VALVES AND OTHER COMPONENTS 4" NPS AND SMALLER IN ALL SYSTEMS EXCEPT HIGH PRESSURE SAFETY INJECTION (HIS). PER IWC-1221(A)
  - 2B \* PIPING, WHERE THE DIAMETER IS GREATER THAN 4" NPS AND THE THICKNESS IS LESS THAN 0.375 DOES NOT REQUIRE NDE EXAMINATION IWC-2500-1 CATEGORY C-F. THE QUANTITY OF ITEMS IN THIS CATEGORY WILL BE ADDED TO THOSE REQUIRING EXAMINATION TO DETERMINE THE TOTAL NUMBER TO WHICH THE EXAMINATION REQUIRED PERCENTAGE WILL BE APPLIED.
  - 2C \* VESSELS, PIPING, PUMPS, VALVES AND OTHER COMPONENTS 1.5" NPS AND SMALLER IN HIGH PRESSURE SAFETY INJECTION (HIS). PER IWC-1221(B)
  - 2D \* PIPING, WHERE THE DIAMETER IS GREATER THAN 1.5" NPS TO LESS THAN 2" NPS OR 2" TO 4" NPS AND THE THICKNESS IS LESS THAN 0.2" DOES NOT REQUIRE NDE EXAMINATION PER IWC-2500-1 CATEGORY C-F. THE QUANTITY OF ITEMS IN THIS CATEGORY WILL BE ADDED TO THOSE REQUIRING EXAMINATION TO DETERMINE THE TOTAL NUMBER TO WHICH THE EXAMINATION REQUIRED PERCENTAGE WILL BE APPLIED.
  - 2E \* COMPONENT CONNECTIONS 4" NPS AND SMALLER (INCLUDING NOZZLES, SOCKET FITTINGS AND OTHER CONNECTIONS) IN VESSELS, PIPING, PUMPS, VALVES AND OTHER COMPONENTS OF ANY SIZE IN ALL SYSTEMS EXCEPT HIGH PRESSURE SAFETY INJECTION. PER IWC-1221(C)
  - 2F \* COMPONENT CONNECTIONS 1.5" NPS AND SMALLER (INCLUDING NOZZLES, SOCKET FITTINGS AND OTHER CONNECTIONS) IN VESSELS, PIPING, PUMPS, VALVES AND OTHER COMPONENTS OF ANY SIZE IN HIGH PRESSURE SAFETY INJECTION. PER IWC-1221(D)
  - 2G \* VESSELS, PIPING, PUMPS, VALVES, OTHER COMPONENTS, AND COMPONENT CONNECTIONS OF ANY SIZE IN STATICALLY PRESSURIZED, PASSIVE (I.E., NO PUMPS) SAFETY INJECTION SYSTEMS. PER IWC-1221(E)
  - 2H \* PIPING AND OTHER COMPONENTS OF ANY SIZE BEYOND THE LAST SHUT-OFF VALVE IN OPEN ENDED PORTIONS OF SYSTEMS THAT DO NOT CONTAIN WATER DURING NORMAL PLANT OPERATIONS. PER IWC-1221(F)
- 3 QUALITY GROUP B COMPONENTS OTHER THAN RHR, ECC & CHR ARE EXEMPT FROM THE NDE REQUIREMENTS OF TABLE IWC-2500-1 AS STATED BELOW:
  - 3A \* VESSELS, PIPING, PUMPS, VALVES AND OTHER COMPONENTS 4" NPS AND SMALLER. PER IWC-1222(A)

- 3B \* PIPING, WHERE THE DIAMETER IS GREATER THAN 4" NPS AND THE THICKNESS IS LESS THAN 0.375 DOES NOT REQUIRE NDE EXAMINATION IWC-2500-1 CATEGORY C-F. THE QUANTITY OF ITEMS IN THIS CATEGORY WILL BE ADDED TO THOSE REQUIRING EXAMINATION TO DETERMINE THE TOTAL AMOUNT TO WHICH THE EXAMINATION REQUIRED PERCENTAGE WILL BE APPLIED.
- 3C \* COMPONENT CONNECTIONS 4" NPS AND SMALLER (INCLUDING NOZZLES, SOCKET FITTINGS AND OTHER CONNECTIONS) IN VESSELS, PIPING, PUMPS, VALVES AND OTHER COMPONENTS OF ANY SIZE. PER IWC-1222(B)
- 4 QUALITY GROUP C INTEGRAL ATTACHMENTS AND SUPPORTS ARE EXEMPT FROM THE VISUAL EXAMINATION (VT-3) REQUIREMENTS OF TABLE IWD-2500-1 AS STATED BELOW:
- 4A \* COMPONENTS 4" NPS AND SMALLER WITHIN THE SYSTEM BOUNDARIES OF EXAMINATION CATEGORIES D-A, D-B & D-C OF TABLE IWD-2500-1, EXCEPT FOR THE AUXILLIARY FEEDWATER SYSTEM. PER IWD-1220.1
- 4B \* COMPONENTS EXCEEDING 4" NPS THAT ARE LOCATED IN SYSTEMS (OR PORTIONS OF SYSTEMS) THAT:  
 + FUNCTION IS NOT REQUIRED IN SUPPORT OF RHR, CHR OR ECC; AND,  
 + OPERATE AT A PRESSURE OF 275 PSIG OR LESS AND AT A TEMPERATURE OF 200 DEGREES FAHRENHEIT OR LESS. PER IWD-1220.2(A)&(B)
- 5 ALL CODE PIPING AT INDIAN POINT HAS A DEFINED OPERATING TEMPERATURE OF LESS THAN 200 DEGREES F EXCEPT AS NOTED BELOW.

SYSTEM TEMPERATURE

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AFW	THE DISCHARGE PIPING OF ALL THREE AFW PUMPS HAS A DEFINED OPERATING TEMPERATURE OF > 200 DEG. F.
CSS	THE CONTAINMENT SPRAY SYSTEM FROM THE PUMPS TO THE SPRAY HEADERS HAVE A DEFINED OPERATING TEMPERATURE OF > 200 DEG. F.
CVC	THE CHEMICAL AND VOLUME CONTROL SYSTEM HAS A DEFINED OPERATING TEMPERATURE OF > 200 DEG. F. FROM THE CHARGING PUMP SUCTION TO THE REACTOR COOLANT SYSTEM AND FROM THE REACTOR COOLANT SYSTEM THROUGH THE LETDOWN TO AND INCLUDING THE DEMINERALIZERS AND EVAPORATOR FEED ION EXCHANGERS.
FW	ALL FEED WATER SYSTEM PIPING HAS A DEFINED OPERATING TEMPERATURE OF > 200 DEG. F.
MS	ALL MAIN STEAM SYSTEM PIPING HAS A DEFINED OPERATING TEMPERATURE OF > 200 DEG. F.
PSS	THE PRIMARY SAMPLING SYSTEM HAS A DEFINED OPERATING TEMPERATURE OF > 200 DEG. F.
RCS	THE REACTOR COOLANT SYSTEM PIPING HAS A DEFINED OPERATING TEMPERATURE OF > 200 DEG. F.
RHR	THE RESIDUAL HEAT REMOVAL PIPING HAS A DEFINED OPERATING TEMPERATURE OF > 200 DEG. F.
SIS	THE SAFETY INJECTION PUMPS HAVE A DEFINED OPERATING TEMPERATURE OF > 200 DEG. F.

## DESIGN PRESSURE AND TEMPERATURE:

PIPE CLASS	PRESSURE PSIG	TEMPERATURE DEGREE F	PIPE CLASS	PRESSURE PSIG	TEMPERATURE DEGREE F
A-1	1085	600	601	600	600
B-1	1440	450	"	700	400
B-2	1085	450	"	875	200
C-3	150	225	"	500	400
J-3	100	145	602	600	600
J-4	100	100	1501	1400	650
151	150	500	"	1500	350
"	210	300	"	1575	200
"	240	200	2501	2580	650
152	150	500	"	2510	680
153	150	400	2502	2500	400
301	370	650	"	2100	650
"	495	300	"	3200	200
"	550	200	2503	2500	650
			2505	2500	650
			-35		
			SWN	150	160
			SWT	150	150
			1-WD	150	300



**SUBSECTION 6.5**

**TABLE 6.5-1  
LISTING OF EXAMINATIONS BY SYSTEM**

6.5 Listing Examinations by System

- 6.5.1 All components and component supports potentially subject to inservice NDE examination under the 1989 Edition of ASME Section XI are contained in Table 6.5-1.
- 6.5.2 The table identifies those components (and component supports) selected for examination during the third inspection interval and provides a schedule by period, for the examination to be performed. The components and supports selected are those anticipated to be examined during the third interval; however, other components and supports may be substituted based on access and ALARA considerations. The total number of components and supports for each Category/Item no., by system is provided in Table 5.1.
- 6.5.3 The tables are sorted alphabetically by System and provide the following information for each component:
- Component Identification [Identity]
  - Component Description [Description]
  - Line Number [Line] (ISI Class 3 Supports Only)
  - Support Mark Number Support [Support] (ISI Class 3 Supports Only)
  - Support Type/Function [Type] (ISI Class 3 Supports Only)
  - Code Classification [Code Category, Item Number]
  - Inspection period during which the component is scheduled for examination [Selected Period]
  - Reference Drawing [Drawing]
  - Examination Method [NDE]
  - Applicable Relief Request [Relief Request]

The specific table headings for this information are provided in brackets above. The system acronyms employed in this table are explained in Section 5.0.4.

- 6.5.4 Specific Examination procedures are not referenced as these change from time to time based on the examination contractor performing the examination. The examination procedures employed will meet all the requirements of Appendix I, III and IV and will be reviewed and approved prior to use by Consolidated Edison in accordance with the Consolidated Edison QA Program. The procedures will be referenced on the appropriate NDE data sheet and are available for review by regulatory personnel at the plant site.

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-A	Item Number: B01.11
System: RCS	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RPVC2	WELD	15'11	8.84	RCS	UT	3	
A206913	RPVC3	WELD IND (BL)	15'11	8.84	RCS	UT	3	
A206913	RPVC4	WELD	15'11	8.84	RCS	UT	3	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-A	Item Number: B01.12
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RPVL1	WELD	8'3"	10.97	RCS	UT	3	
A206913	RPVL2	WELD	8'3"	10.97	RCS	UT	3	
A206913	RPVL3	WELD	8'3"	10.97	RCS	UT	3	
A206913	RPVL4	WELD	9'	8.84	RCS	UT	3	
A206913	RPVL5	WELD	9'	8.84	RCS	UT	3	
A206913	RPVL6	WELD	9'	8.84	RCS	UT	3	
A206913	RPVL7	WELD	8'10	8.84	RCS	UT	3	
A206913	RPVL8	WELD IND.	8'10	8.84	RCS	UT	1 3	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-A	Item Number: B01.21
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RPVC5	WELD	15'11	8.84	RCS	VT2	123	R 6
A206913	RVHC1	CW	14'	7.0	RCS	VT2	123	R 6

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-A	Item Number: B01.22
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RPVM1	MW	5'	5.53	RCS	UT	3	R 6
A206913	RPVM2	MW	5'	5.53	RCS	UT	3	R 6
A206913	RPVM3	MW	5'	5.53	RCS	UT	3	R 6
A206913	RPVM4	MW	5'	5.53	RCS	UT	3	R 6
A206913	RPVM5	MW	5'	5.53	RCS	UT	3	R 6
A206913	RPVM6	MW	5'	5.53	RCS	UT	3	R 6
A206913	RVHM1	MW	3'6"	7.0	RCS	UT	2	R 6
A206913	RVHM2	MW	3'6"	7.0	RCS	UT	1	R 6
A206913	RVHM3	MW	3'6"	7.0	RCS	UT	1	R 6
A206913	RVHM4	MW	3'6"	7.0	RCS	UT	3	R 6
A206913	RVHM5	MW	3'6"	IPP 30	RCS	UT	3	R 6
A206913	RVHM6	MW	3'6"	IPP 30	RCS	UT	2	R 6

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-A	Item Number: B01.30
System: RCS	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RPVC1	WELD	15'11	10.97	RCS	UT	1 3	

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-A      Item Number: B01.40

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RVHC2	CW	14'	IPP 30	RCS	MT+UT	123	R 6



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-B	Item Number: B02.11
System: RCS	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206918	PZRC1	HD SHELL WELD	7'8"	IPP 38	RCS	UT	23	
A206918	PZRC5	HD SHELL WELD	7'8"	4.187	RCS	VT2	123	R 7

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-B	Item Number: B02.12
System: RCS	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206918	PZRL1	LONG. WELD	10'8"	IPP 38	RCS	UT	2	
A206918	PZRL2	INCLUSION ARE	10'8"	IPP-10	RCS	UT	2	
A206918	PZRL4	LONG. WELD	10'8"	4.187	RCS	VT2	123	R 7

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-B

Item Number: B02.40

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206914	SGC 21- 8	TS-CH W	10'9"	IPP 31	RCS	UT	123	
A206915	SGC 22- 8	TS-CH W	10'9"	5.5	RCS	UT		
A206916	SGC 23- 8	TS-CH W	10'9"	5.5	RCS	UT		
A206917	SGC 24- 8	TS-CH W	10'9"	5.5	RCS	UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-B	Item Number: B02.51
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206921	RGX C-1-1	CW	9.25	.71	CVC	VT2+UT		R 8
A206921	RGX C-1-4	CW	9.25	.71	CVC	VT2+UT		R 8
A206921	RGX C-2-1	CW	9.25	.71	CVC	VT2+UT	2	R 8
A206921	RGX C-2-4	CW	9.25	.71	CVC	VT2+UT	2	R 8
A206921	RGX C-3-1	CW	9.25	.71	CVC	VT2+UT		R 8
A206921	RGX C-3-4	CW	9.25	.71	CVC	VT2+UT		R 8

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-B      Item Number: B02.80

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206621	RGX C-1-2	TUBE SHEET W	9.25	1.0	CVC	VT2+UT		R 8
A206621	RGX C-1-3	TUBE SHEET W	9.25	1.0	CVC	VT2+UT		R 8
A206621	RGX C-2-2	TUBE SHEET W	9.25	1.0	CVC	VT2+UT	123	R 8
A206621	RGX C-2-3	TUBE SHEET W	9.25	1.0	CVC	VT2+UT	123	R 8
A206621	RGX C-3-2	TUBE SHEET W	9.25	1.0	CVC	VT2+UT		R 8
A206621	RGX C-3-3	TUBE SHEET W	9.25	1.0	CVC	VT2+UT		R 8

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-D      Item Number: B03.90

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RPVN1	WELD	54.5	10.97	RCS	UT	1	
A206913	RPVN2	WELD	54.5	10.97	RCS	UT	3	
A206913	RPVN3	WELD	54.5	10.97	RCS	UT	3	
A206913	RPVN4	WELD	54.5	10.97	RCS	UT	1	
A206913	RPVN5	WELD	54.5	10.97	RCS	UT	1	
A206913	RPVN6	WELD	54.5	10.97	RCS	UT	3	
A206913	RPVN7	WELD	54.5	10.97	RCS	UT	3	
A206913	RPVN8	WELD	54.5	10.97	RCS	UT	1 3	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-D      Item Number: B03.100

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RPVN1	IN RADI	54.5	10.97	RCS	UT	1	
A206913	RPVN2	IN RADI	54.5	10.97	RCS	UT	3	
A206913	RPVN3	IN RADI	54.5	10.97	RCS	UT	3	
A206913	RPVN4	IN RADI	54.5	10.97	RCS	UT	1	
A206913	RPVN5	IN RADI	54.5	10.97	RCS	UT	1	
A206913	RPVN6	IN RADI	54.5	10.97	RCS	UT	3	
A206913	RPVN7	IN RADI	54.5	10.97	RCS	UT	3	
A206913	RPVN8	IN RADI	54.5	10.97	RCS	UT	1	

**TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-D	Item Number: B03.120
System: RCS	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206918	PZRN1	IN RAD. SECT	4		RCS	VT2	123	R 9
A206918	PZRN2	IN RAD. SECT	4		RCS	VT2	123	R 9
A206918	PZRN3	IN RAD. SECT	4		RCS	VT2	123	R 9
A206918	PZRN4	IN RAD. SECT	4		RCS	VT2	123	R 9
A206918	PZRN5	IN RAD. SECT	4		RCS	VT2	123	R 9
A206918	PZRN6	IN RAD. SECT	14		RCS	VT2	123	R 9



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-D	Item Number: B03.140
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206914	SGN 21- 4	IN RAD. SECT			RCS	VT2	123	R10
A206914	SGN 21- 5	IN RAD. SECT			RCS	VT2	123	R10
A206915-1	SGN 22- 4	IN RAD. SECT			RCS	VT2	123	R10
A206915-1	SGN 22- 5	IN RAD. SECT			RCS	VT2	123	R10
A206916-1	SGN 23- 4	IN RAD. SECT			RCS	VT2	123	R10
A206916-1	SGN 23- 5	IN RAD. SECT			RCS	VT2	123	R10
A206917-1	SGN 24- 4	IN RAD. SECT			RCS	VT2	123	R10
A206917-1	SGN 24- 5	IN RAD. SECT			RCS	VT2	123	R10

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-D      Item Number: B03.150

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206621	RGX N-1-1	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT		R 8
A206621	RGX N-1-2	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT		R 8
A206621	RGX N-1-3	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT		R 8
A206621	RGX N-1-4	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT		R 8
A206621	RGX N-2-1	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT	123	R 8
A206621	RGX N-2-2	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT	123	R 8
A206621	RGX N-2-3	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT	123	R 8
A206621	RGX N-2-4	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT	123	R 8
A206621	RGX N-3-1	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT		R 8
A206621	RGX N-3-2	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT		R 8
A206621	RGX N-3-3	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT		R 8
A206621	RGX N-3-4	NOZZLE/SHELL	3.0	.985	CVC	VT2+UT		R 8

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-D      Item Number: B03.160

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206621	RGX N-1-1	IN RAD SECT		.985	CVC	VT2+UT		R 8
A206621	RGX N-1-2	IN RAD SECT		.985	CVC	VT2+UT		R 8
A206621	RGX N-1-3	IN RAD SECT		.985	CVC	VT2+UT		R 8
A206621	RGX N-1-4	IN RAD SECT		.985	CVC	VT2+UT		R 8
A206621	RGX N-2-1	IN RAD SECT		.985	CVC	VT2+UT	123	R 8
A206621	RGX N-2-2	IN RAD SECT		.985	CVC	VT2+UT	123	R 8
A206621	RGX N-2-3	IN RAD SECT		.985	CVC	VT2+UT	123	R 8
A206621	RGX N-2-4	IN RAD SECT		.985	CVC	VT2+UT	123	R 8
A206621	RGX N-3-1	IN RAD SECT		.985	CVC	VT2+UT		R 8
A206621	RGX N-3-2	IN RAD SECT		.985	CVC	VT2+UT		R 8
A206621	RGX N-3-3	IN RAD SECT		.985	CVC	VT2+UT		R 8
A206621	RGX N-3-4	IN RAD SECT		.985	CVC	VT2+UT		R 8

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-E      Item Number: B04.12

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RHP 1-97	CRD PEN			RCS	VT2	123	

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-E      Item Number: B04.13

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RVP 1-58	INSTR PEN			RCS	VT2	123	

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-E

Item Number: B04.20

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206918	PZRN1-78	HTR WELDS			RCS	VT2	123	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-F	Item Number: B05.10
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RPVS21-14A	SAFE END	32.5	2.750	RCS	VT2 UT	123	R11
A206913	RPVS21-1A	SAFE END	32.5	2.750	RCS	VT2 UT	123	R11
A206913	RPVS22-14A	SAFE END	32.5	2.750	RCS	VT2 UT	123	R11
A206913	RPVS22-1A	SAFE END	32.5	2.750	RCS	VT2 UT	123	R11
A206913	RPVS23-14A	SAFE END	32.5	2.750	RCS	VT2 UT	123	R11
A206913	RPVS23-1A	SAFE END	32.5	2.750	RCS	VT2 UT	123	R11
A206913	RPVS24-14A	SAFE END	32.5	2.750	RCS	VT2 UT	123	R11
A206913	RPVS24-1A	SAFE END	32.5	2.750	RCS	VT2 UT	123	R11

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-F	Item Number: B05.40
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206918	PZRS1	SAF ND LN 61	4	1.25	RCS	VT2+PT+UT	123	R12
A206918	PZRS2	SAF ND LN 70	4	.875	RCS	VT2+PT+UT	123	R12
A206918	PZRS3	SAF ND LN342	4	1.25	RCS	VT2+PT+UT	123	R12
A206918	PZRS4	SAF ND LN343	4	1.25	RCS	VT2+PT+UT	123	R12
A206918	PZRS5	SAF ND LN344	4	1.25	RCS	VT2+PT+UT	123	R12
A206918	PZRS6	SAF ND LN 63	14	IPP 74	RCS	VT2+PT+UT	123	R12



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-F	Item Number: B05.70
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206914	SGS 21- 4	SAF ND LP 21	37"	IPP1+2	RCS	VT2+PT+UT	123	R12
A206914	SGS 21- 5	SAF ND LP 21	37"	IPP1+2	RCS	VT2+PT+UT	123	R12
A206915-1	SGS 22- 4	SAF ND LP 22	37	3.0	RCS	VT2+PT+UT	123	R12
A206915-1	SGS 22- 5	SAF ND LP 22	37	3.0	RCS	VT2+PT+UT	123	R12
A206916-1	SGS 23- 4	SAF ND LP 23	37"	3.0	RCS	VT2+PT+UT	123	R12
A206916-1	SGS 23- 5	SAF ND LP 23	37"	3.0	RCS	VT2+PT+UT	123	R12
A206917-1	SGS 24- 4	SAF ND LP 24			RCS	VT2+PT+UT	123	R12
A206917-1	SGS 24- 5	SAF ND LP 24			RCS	VT2+PT+UT	123	R12

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFN 1	NUT	7.0		RCS	MT	1	
A206913	RFN 2	NUT	7.0		RCS	MT	1	
A206913	RFN 3	NUT	7.0		RCS	MT	1	
A206913	RFN 4	NUT	7.0		RCS	MT	1	
A206913	RFN 5	NUT	7.0		RCS	MT	1	
A206913	RFN 6	NUT	7.0		RCS	MT	1	
A206913	RFN 7	NUT	7.0		RCS	MT	1	
A206913	RFN 8	NUT	7.0		RCS	MT	1	
A206913	RFN 9	NUT	7.0		RCS	MT	1	
A206913	RFN 10	NUT	7.0		RCS	MT	1	
A206913	RFN 11	NUT	7.0		RCS	MT	1	
A206913	RFN 12	NUT	7.0		RCS	MT	1	
A206913	RFN 13	NUT	7.0		RCS	MT	1	
A206913	RFN 14	NUT	7.0		RCS	MT	1	
A206913	RFN 15	NUT	7.0		RCS	MT	2	
A206913	RFN 16	NUT	7.0		RCS	MT	2	
A206913	RFN 17	NUT	7.0		RCS	MT	2	
A206913	RFN 18	NUT	7.0		RCS	MT	2	
A206913	RFN 19	NUT	7.0		RCS	MT	2	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFN 20	NUT	7.0		RCS	MT	2	
A206913	RFN 21	NUT	7.0		RCS	MT	2	
A206913	RFN 22	NUT	7.0		RCS	MT	2	
A206913	RFN 23	NUT	7.0		RCS	MT	2	
A206913	RFN 24	NUT	7.0		RCS	MT	2	
A206913	RFN 25	NUT	7.0		RCS	MT	2	
A206913	RFN 26	NUT	7.0		RCS	MT	2	
A206913	RFN 27	NUT	7.0		RCS	MT	2	
A206913	RFN 28	NUT	7.0		RCS	MT	2	
A206913	RFN 29	NUT	7.0		RCS	MT	3	
A206913	RFN 30	NUT	7.0		RCS	MT	3	
A206913	RFN 31	NUT	7.0		RCS	MT	3	
A206913	RFN 32	NUT	7.0		RCS	MT	3	
A206913	RFN 33	NUT	7.0		RCS	MT	3	
A206913	RFN 34	NUT	7.0		RCS	MT	3	
A206913	RFN 35	NUT	7.0		RCS	MT	3	
A206913	RFN 36	NUT	7.0		RCS	MT	3	
A206913	RFN 37	NUT	7.0		RCS	MT	3	
A206913	RFN 38	NUT	7.0		RCS	MT	3	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFN 39	NUT	7.0		RCS	MT	3	
A206913	RFN 40	NUT	7.0		RCS	MT	3	
A206913	RFN 41	NUT	7.0		RCS	MT	3	
A206913	RFN 42	NUT	7.0		RCS	MT	3	
A206913	RFN 43	NUT	7.0		RCS	MT	3	
A206913	RFN 44	NUT	7.0		RCS	MT	3	
A206913	RFN 45	NUT	7.0		RCS	MT	3	
A206913	RFN 46	NUT	7.0		RCS	MT	3	
A206913	RFN 47	NUT	7.0		RCS	MT	3	
A206913	RFN 48	NUT	7.0		RCS	MT	3	
A206913	RFN 49	NUT	7.0		RCS	MT	3	
A206913	RFN 50	NUT	7.0		RCS	MT	3	
A206913	RFN 51	NUT	7.0		RCS	MT	3	
A206913	RFN 52	NUT	7.0		RCS	MT	3	
A206913	RFN 53	NUT	7.0		RCS	MT	3	
A206913	RFN 54	NUT	7.0		RCS	MT	3	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.30

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFS 1	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 2	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 3	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 4	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 5	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 6	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 7	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 8	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 9	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 10	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 11	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 12	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 13	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 14	STUD	7.0	IPP 37	RCS	MT+UT	1	
A206913	RFS 15	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 16	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 17	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 18	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 19	STUD	7.0		RCS	MT+UT	2	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1	Item Number: B06.30
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFS 20	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 21	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 22	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 23	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 24	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 25	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 26	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 27	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 28	STUD	7.0		RCS	MT+UT	2	
A206913	RFS 29	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 30	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 31	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 32	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 33	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 34	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 35	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 36	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 37	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 38	STUD	7.0		RCS	MT+UT	3	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1	Item Number: B06.30
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFS 39	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 40	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 41	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 42	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 43	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 44	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 45	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 46	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 47	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 48	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 49	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 50	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 51	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 52	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 53	STUD	7.0		RCS	MT+UT	3	
A206913	RFS 54	STUD	7.0		RCS	MT+UT	3	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1	Item Number: B06.40
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFL 1	THREADS	7.0		RCS	UT	1	
A206913	RFL 2	THREADS	7.0		RCS	UT	1	
A206913	RFL 3	THREADS	7.0		RCS	UT	1	
A206913	RFL 4	THREADS	7.0		RCS	UT	1	
A206913	RFL 5	THREADS	7.0		RCS	UT	1	
A206913	RFL 6	THREADS	7.0		RCS	UT	1	
A206913	RFL 7	THREADS	7.0		RCS	UT	1	
A206913	RFL 8	THREADS	7.0		RCS	UT	1	
A206913	RFL 9	THREADS	7.0		RCS	UT	1	
A206913	RFL 10	THREADS	7.0		RCS	UT	1	
A206913	RFL 11	THREADS	7.0		RCS	UT	1	
A206913	RFL 12	THREADS	7.0		RCS	UT	1	
A206913	RFL 13	THREADS	7.0		RCS	UT	1	
A206913	RFL 14	THREADS	7.0		RCS	UT	1	
A206913	RFL 15	THREADS	7.0		RCS	UT	2	
A206913	RFL 16	THREADS	7.0		RCS	UT	2	
A206913	RFL 17	THREADS	7.0		RCS	UT	2	
A206913	RFL 18	THREADS	7.0		RCS	UT	2	
A206913	RFL 19	THREADS	7.0		RCS	UT	2	



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.40

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFL 20	THREADS	7.0		RCS	UT	2	
A206913	RFL 21	THREADS	7.0		RCS	UT	2	
A206913	RFL 22	THREADS	7.0		RCS	UT	2	
A206913	RFL 23	THREADS	7.0		RCS	UT	2	
A206913	RFL 24	THREADS	7.0		RCS	UT	2	
A206913	RFL 25	THREADS	7.0		RCS	UT	2	
A206913	RFL 26	THREADS	7.0		RCS	UT	2	
A206913	RFL 27	THREADS	7.0		RCS	UT	2	
A206913	RFL 28	THREADS	7.0		RCS	UT	2	
A206913	RFL 29	THREADS	7.0		RCS	UT	3	
A206913	RFL 30	THREADS	7.0		RCS	UT	3	
A206913	RFL 31	THREADS	7.0		RCS	UT	3	
A206913	RFL 32	THREADS	7.0		RCS	UT	3	
A206913	RFL 33	THREADS	7.0		RCS	UT	3	
A206913	RFL 34	THREADS	7.0		RCS	UT	3	
A206913	RFL 35	THREADS	7.0		RCS	UT	3	
A206913	RFL 36	THREADS	7.0		RCS	UT	3	
A206913	RFL 37	THREADS	7.0		RCS	UT	3	
A206913	RFL 38	THREADS	7.0		RCS	UT	3	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.40

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFL 39	THREADS	7.0		RCS	UT	3	
A206913	RFL 40	THREADS	7.0		RCS	UT	3	
A206913	RFL 41	THREADS	7.0		RCS	UT	3	
A206913	RFL 42	THREADS	7.0		RCS	UT	3	
A206913	RFL 43	THREADS	7.0		RCS	UT	3	
A206913	RFL 44	THREADS	7.0		RCS	UT	3	
A206913	RFL 45	THREADS	7.0		RCS	UT	3	
A206913	RFL 46	THREADS	7.0		RCS	UT	3	
A206913	RFL 47	THREADS	7.0		RCS	UT	3	
A206913	RFL 48	THREADS	7.0		RCS	UT	3	
A206913	RFL 49	THREADS	7.0		RCS	UT	3	
A206913	RFL 50	THREADS	7.0		RCS	UT	3	
A206913	RFL 51	THREADS	7.0		RCS	UT	3	
A206913	RFL 52	THREADS	7.0		RCS	UT	3	
A206913	RFL 53	THREADS	7.0		RCS	UT	3	
A206913	RFL 54	THREADS	7.0		RCS	UT	3	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.50

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFW 1	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 2	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 3	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 4	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 5	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 6	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 7	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 8	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 9	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 10	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 11	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 12	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 13	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 14	WASHERS	7.0		RCS	VT1	1	
A206913	RFW 15	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 16	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 17	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 18	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 19	WASHERS	7.0		RCS	VT1	2	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1	Item Number: B06.50
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFW 20	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 21	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 22	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 23	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 24	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 25	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 26	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 27	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 28	WASHERS	7.0		RCS	VT1	2	
A206913	RFW 29	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 30	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 31	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 32	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 33	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 34	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 35	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 36	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 37	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 38	WASHERS	7.0		RCS	VT1	3	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1	Item Number: B06.50
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RFW 39	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 40	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 41	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 42	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 43	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 44	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 45	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 46	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 47	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 48	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 49	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 50	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 51	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 52	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 53	WASHERS	7.0		RCS	VT1	3	
A206913	RFW 54	WASHERS	7.0		RCS	VT1	3	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.180

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPS 21- 1	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21- 2	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21- 3	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21- 4	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21- 5	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21- 6	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21- 7	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21- 8	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21- 9	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-10	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-11	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-12	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-13	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-14	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-15	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-16	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-17	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-18	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-19	F STUD	3.5	IPP 37	RCS	UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.180

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPS 21-20	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-21	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-22	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-23	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 21-24	F STUD	3.5	IPP 37	RCS	UT		
A206923	RCPS 22- 1	F STUD	3.5		RCS	UT		
A206923	RCPS 22- 2	F STUD	3.5		RCS	UT		
A206923	RCPS 22- 3	F STUD	3.5		RCS	UT		
A206923	RCPS 22- 4	F STUD	3.5		RCS	UT		
A206923	RCPS 22- 5	F STUD	3.5		RCS	UT		
A206923	RCPS 22- 6	F STUD	3.5		RCS	UT		
A206923	RCPS 22- 7	F STUD	3.5		RCS	UT		
A206923	RCPS 22- 8	F STUD	3.5		RCS	UT		
A206923	RCPS 22- 9	F STUD	3.5		RCS	UT		
A206923	RCPS 22-10	F STUD	3.5		RCS	UT		
A206923	RCPS 22-11	F STUD	3.5		RCS	UT		
A206923	RCPS 22-12	F STUD	3.5		RCS	UT		
A206923	RCPS 22-13	F STUD	3.5		RCS	UT		
A206923	RCPS 22-14	F STUD	3.5		RCS	UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1	Item Number: B06.180
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPS 22-15	F STUD	3.5		RCS	UT		
A206923	RCPS 22-16	F STUD	3.5		RCS	UT		
A206923	RCPS 22-17	F STUD	3.5		RCS	UT		
A206923	RCPS 22-18	F STUD	3.5		RCS	UT		
A206923	RCPS 22-19	F STUD	3.5		RCS	UT		
A206923	RCPS 22-20	F STUD	3.5		RCS	UT		
A206923	RCPS 22-21	F STUD	3.5		RCS	UT		
A206923	RCPS 22-22	F STUD	3.5		RCS	UT		
A206923	RCPS 22-23	F STUD	3.5		RCS	UT		
A206923	RCPS 22-24	F STUD	3.5		RCS	UT		
A206923	RCPS 23- 1	F STUD	3.5		RCS	UT	1	
A206923	RCPS 23- 2	F STUD	3.5		RCS	UT	1	
A206923	RCPS 23- 3	F STUD	3.5		RCS	UT	1	
A206923	RCPS 23- 4	F STUD	3.5		RCS	UT	1	
A206923	RCPS 23- 5	F STUD	3.5		RCS	UT	1	
A206923	RCPS 23- 6	F STUD	3.5		RCS	UT	1	
A206923	RCPS 23- 7	F STUD	3.5		RCS	UT	1	
A206923	RCPS 23- 8	F STUD	3.5		RCS	UT	1	
A206923	RCPS 23- 9	F STUD	3.5		RCS	UT	12	



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.180

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPS 23-10	F STUD	3.5		RCS	UT	12	
A206923	RCPS 23-11	F STUD	3.5		RCS	UT	12	
A206923	RCPS 23-12	F STUD	3.5		RCS	UT	12	
A206923	RCPS 23-13	F STUD	3.5		RCS	UT	2	
A206923	RCPS 23-14	F STUD	3.5		RCS	UT	2	
A206923	RCPS 23-15	F STUD	3.5		RCS	UT	2	
A206923	RCPS 23-16	F STUD	3.5		RCS	UT	2	
A206923	RCPS 23-17	F STUD	3.5		RCS	UT	1 3	
A206923	RCPS 23-18	F STUD	3.5		RCS	UT	1 3	
A206923	RCPS 23-19	F STUD	3.5		RCS	UT	1 3	
A206923	RCPS 23-20	F STUD	3.5		RCS	UT	3	
A206923	RCPS 23-21	F STUD	3.5		RCS	UT	3	
A206923	RCPS 23-22	F STUD	3.5		RCS	UT	3	
A206923	RCPS 23-23	F STUD	3.5		RCS	UT	1 3	
A206923	RCPS 23-24	F STUD	3.5		RCS	UT	3	
A206923	RCPS 24- 1	F STUD	3.5		RCS	UT		
A206923	RCPS 24- 2	F STUD	3.5		RCS	UT		
A206923	RCPS 24- 3	F STUD	3.5		RCS	UT		
A206923	RCPS 24- 4	F STUD	3.5		RCS	UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.180

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPS 24- 5	F STUD	3.5		RCS	UT		
A206923	RCPS 24- 6	F STUD	3.5		RCS	UT		
A206923	RCPS 24- 7	F STUD	3.5		RCS	UT		
A206923	RCPS 24- 8	F STUD	3.5		RCS	UT		
A206923	RCPS 24- 9	F STUD	3.5		RCS	UT		
A206923	RCPS 24-10	F STUD	3.5		RCS	UT		
A206923	RCPS 24-11	F STUD	3.5		RCS	UT		
A206923	RCPS 24-12	F STUD	3.5		RCS	UT		
A206923	RCPS 24-13	F STUD	3.5		RCS	UT		
A206923	RCPS 24-14	F STUD	3.5		RCS	UT		
A206923	RCPS 24-15	F STUD	3.5		RCS	UT		
A206923	RCPS 24-16	F STUD	3.5		RCS	UT		
A206923	RCPS 24-17	F STUD	3.5		RCS	UT		
A206923	RCPS 24-18	F STUD	3.5		RCS	UT		
A206923	RCPS 24-19	F STUD	3.5		RCS	UT		
A206923	RCPS 24-20	F STUD	3.5		RCS	UT		
A206923	RCPS 24-21	F STUD	3.5		RCS	UT		
A206923	RCPS 24-22	F STUD	3.5		RCS	UT		
A206923	RCPS 24-23	F STUD	3.5		RCS	UT		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-G-1      Item Number: B06.180

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPS 24-24	F STUD	3.5		RCS	UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-G-1      Item Number: B06.190

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCP 21	F SURFACE	3.5		RCS	VT1	123	
A206923	RCP 22	F SURFACE	3.5		RCS	VT1		
A206923	RCP 23	F SURFACE	3.5		RCS	VT1		
A206923	RCP 24	F SURFACE	3.5		RCS	VT1		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.200

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPN 21- 1	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21- 2	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21- 3	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21- 4	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21- 5	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21- 6	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21- 7	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21- 8	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21- 9	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-10	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-11	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-12	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-13	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-14	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-15	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-16	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-17	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-18	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-19	F NUTS	3.5		RCS	VT1		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1	Item Number: B06.200
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPN 21-20	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-21	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-22	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-23	F NUTS	3.5		RCS	VT1		
A206923	RCPN 21-24	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22- 1	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22- 2	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22- 3	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22- 4	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22- 5	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22- 6	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22- 7	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22- 8	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22- 9	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-10	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-11	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-12	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-13	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-14	F NUTS	3.5		RCS	VT1		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1	Item Number: B06.200
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPN 22-15	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-16	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-17	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-18	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-19	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-20	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-21	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-22	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-23	F NUTS	3.5		RCS	VT1		
A206923	RCPN 22-24	F NUTS	3.5		RCS	VT1		
A206923	RCPN 23- 1	F NUTS	3.5		RCS	VT1	1	
A206923	RCPN 23- 2	F NUTS	3.5		RCS	VT1	1	
A206923	RCPN 23- 3	F NUTS	3.5		RCS	VT1	1	
A206923	RCPN 23- 4	F NUTS	3.5		RCS	VT1	1	
A206923	RCPN 23- 5	F NUTS	3.5		RCS	VT1	1	
A206923	RCPN 23- 6	F NUTS	3.5		RCS	VT1	1	
A206923	RCPN 23- 7	F NUTS	3.5		RCS	VT1	1	
A206923	RCPN 23- 8	F NUTS	3.5		RCS	VT1	1	
A206923	RCPN 23- 9	F NUTS	3.5		RCS	VT1	2	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.200

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPN 23-10	F NUTS	3.5		RCS	VT1	2	
A206923	RCPN 23-11	F NUTS	3.5		RCS	VT1	2	
A206923	RCPN 23-12	F NUTS	3.5		RCS	VT1	2	
A206923	RCPN 23-13	F NUTS	3.5		RCS	VT1	2	
A206923	RCPN 23-14	F NUTS	3.5		RCS	VT1	2	
A206923	RCPN 23-15	F NUTS	3.5		RCS	VT1	2	
A206923	RCPN 23-16	F NUTS	3.5		RCS	VT1	2	
A206923	RCPN 23-17	F NUTS	3.5		RCS	VT1	3	
A206923	RCPN 23-18	F NUTS	3.5		RCS	VT1	3	
A206923	RCPN 23-19	F NUTS	3.5		RCS	VT1	3	
A206923	RCPN 23-20	F NUTS	3.5		RCS	VT1	3	
A206923	RCPN 23-21	F NUTS	3.5		RCS	VT1	3	
A206923	RCPN 23-22	F NUTS	3.5		RCS	VT1	3	
A206923	RCPN 23-23	F NUTS	3.5		RCS	VT1	3	
A206923	RCPN 23-24	F NUTS	3.5		RCS	VT1	3	
A206923	RCPN 24- 1	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24- 2	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24- 3	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24- 4	F NUTS	3.5		RCS	VT1		



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-1      Item Number: B06.200

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPN 24- 5	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24- 6	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24- 7	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24- 8	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24- 9	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-10	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-11	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-12	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-13	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-14	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-15	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-16	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-17	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-18	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-19	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-20	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-21	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-22	F NUTS	3.5		RCS	VT1		
A206923	RCPN 24-23	F NUTS	3.5		RCS	VT1		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-G-1      Item Number: B06.200

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPN 24-24	F NUTS	3.5		RCS	VT1		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-G-2      Item Number: B07.20

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206918	PZRB 1	MWY BOLT		1.875	RCS	VT1	1	
A206918	PZRB 2	MWY BOLT		1.875	RCS	VT1	1	
A206918	PZRB 3	MWY BOLT		1.875	RCS	VT1	1	
A206918	PZRB 4	MWY BOLT		1.875	RCS	VT1	1	
A206918	PZRB 5	MWY BOLT		1.875	RCS	VT1	2	
A206918	PZRB 6	MWY BOLT		1.875	RCS	VT1	2	
A206918	PZRB 7	MWY BOLT		1.875	RCS	VT1	2	
A206918	PZRB 8	MWY BOLT		1.875	RCS	VT1	2	
A206918	PZRB 9	MWY BOLT		1.875	RCS	VT1	3	
A206918	PZRB10	MWY BOLT		1.875	RCS	VT1	3	
A206918	PZRB11	MWY BOLT		1.875	RCS	VT1	3	
A206918	PZRB12	MWY BOLT		1.875	RCS	VT1	3	
A206918	PZRB13	MWY BOLT		1.875	RCS	VT1	3	
A206918	PZRB14	MWY BOLT		1.875	RCS	VT1	3	
A206918	PZRB15	MWY BOLT		1.875	RCS	VT1	3	
A206918	PZRB16	MWY BOLT		1.875	RCS	VT1	3	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-2      Item Number: B07.30

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206914	SGB 1-16C	MWY BOLTS 21		1.875	RCS	VT1	12	
A206914	SGB 1-16H	MWY BOLTS 21		1.875	RCS	VT1	23	
A206915	SGB 1-16C	MWY BOLTS 22	1.875	16X	RCS	VT1		
A206915	SGB 1-16H	MWY BOLTS 22	1.875	16X	RCS	VT1		
A206916	SGB 1-16C	MWY BOLTS 23	1.875	16X	RCS	VT1		
A206916	SGB 1-16H	MWY BOLTS 23	1.875	16X	RCS	VT1		
A206917	SGB 24- 1C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 1H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 2C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 2H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 3C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 3H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 4C	MWY BOLTS 24	1.875	16X	RCS	VT1	1	
A206917	SGB 24- 4H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 5C	MWY BOLTS 24	1.875	16X	RCS	VT1	1	
A206917	SGB 24- 5H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 6C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 6H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 7C	MWY BOLTS 24	1.875	16X	RCS	VT1		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-2      Item Number: B07.30

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206917	SGB 24- 7H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 8C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 8H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 9C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24- 9H	MWY BOLTS 24	1.875	16X	RCS	VT1	1	
A206917	SGB 24-10C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-10H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-11C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-11H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-12C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-12H	MWY BOLTS 24	1.875	16X	RCS	VT1	1	
A206917	SGB 24-13C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-13H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-14C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-14H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-15C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-15H	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-16C	MWY BOLTS 24	1.875	16X	RCS	VT1		
A206917	SGB 24-16H	MWY BOLTS 24	1.875	16X	RCS	VT1	1	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-G-2      Item Number: B07.50

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206684	19 F 2	F BOLT	1.125	8X	CVC	VT1	2	
B206685	27 F 4	F BOLT	1.125	8X	CVC	VT1	2	
B206687	41 F 1	F BOLT	1.500	4X	CVC	VT1		
B206687	41 F 2	F BOLT	.875	8X	CVC	VT1		
B206689	42 F 1	F BOLT	1.500	4X	CVC	VT1		
B206689	42 F 2	F BOLT	.875	8X	CVC	VT1		
B206691	43 F 1	F BOLT	1.500	4X	CVC	VT1		
B206691	43 F 2	F BOLT	.875	8X	CVC	VT1		
B206693	44 F 1	F BOLT	1.500	4X	CVC	VT1	3	
B206693	44 F 2	F BOLT	.875	8X	CVC	VT1	3	
B206713	79 F 1	F BOLT	1.125	8X	CVC	VT1	1	
B206714	80 F 1	F BOLT	1.125	8X	CVC	VT1		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-G-2      Item Number: B07.50

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206711	64 F 1	F BOLT	1.125	8X	RCS	VT1	3	
B206731	342 F 1	F BOLT	1.25	8X	RCS	VT1	1	
B206732	343 F 1	F BOLT	1.25	8X	RCS	VT1		
B206733	344 F 1	F BOLT	1.25	8X	RCS	VT1		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-2	Item Number: B07.60
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	PSB 21- 1	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21- 2	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21- 3	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21- 4	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21- 5	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21- 6	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21- 7	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21- 8	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21- 9	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21-10	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21-11	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21-12	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21-13	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21-14	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21-15	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21-16	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21-17	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 21-18	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22- 1	F BOLT	1.75	18X	RCS	VT1		



**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-2      Item Number: B07.60

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	PSB 22- 2	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22- 3	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22- 4	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22- 5	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22- 6	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22- 7	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22- 8	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22- 9	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22-10	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22-11	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22-12	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22-13	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22-14	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22-15	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22-16	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22-17	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 22-18	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 23- 1	F BOLT	1.75	18X	RCS	VT1	1	
A206923	PSB 23- 2	F BOLT	1.75	18X	RCS	VT1	1	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-2	Item Number: B07.60
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	PSB 23- 3	F BOLT	1.75	18X	RCS	VT1	1	
A206923	PSB 23- 4	F BOLT	1.75	18X	RCS	VT1	1	
A206923	PSB 23- 5	F BOLT	1.75	18X	RCS	VT1	1	
A206923	PSB 23- 6	F BOLT	1.75	18X	RCS	VT1	1	
A206923	PSB 23- 7	F BOLT	1.75	18X	RCS	VT1	2	
A206923	PSB 23- 8	F BOLT	1.75	18X	RCS	VT1	2	
A206923	PSB 23- 9	F BOLT	1.75	18X	RCS	VT1	2	
A206923	PSB 23-10	F BOLT	1.75	18X	RCS	VT1	2	
A206923	PSB 23-11	F BOLT	1.75	18X	RCS	VT1	2	
A206923	PSB 23-12	F BOLT	1.75	18X	RCS	VT1	2	
A206923	PSB 23-13	F BOLT	1.75	18X	RCS	VT1	3	
A206923	PSB 23-14	F BOLT	1.75	18X	RCS	VT1	3	
A206923	PSB 23-15	F BOLT	1.75	18X	RCS	VT1	3	
A206923	PSB 23-16	F BOLT	1.75	18X	RCS	VT1	3	
A206923	PSB 23-17	F BOLT	1.75	18X	RCS	VT1	3	
A206923	PSB 23-18	F BOLT	1.75	18X	RCS	VT1	3	
A206923	PSB 24- 1	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24- 2	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24- 3	F BOLT	1.75	18X	RCS	VT1		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-2	Item Number: B07.60
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	PSB 24- 4	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24- 5	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24- 6	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24- 7	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24- 8	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24- 9	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24-10	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24-11	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24-12	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24-13	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24-14	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24-15	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24-16	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24-17	F BOLT	1.75	18X	RCS	VT1		
A206923	PSB 24-18	F BOLT	1.75	18X	RCS	VT1		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-G-2      Item Number: B07.70

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206684	19 374	V BOLT	.75	12X	CVC	VT1	2	
B206684	19 4969	V BOLT		N	CVC	VT1	2	
B206684	19 4970	V BOLT		N	CVC	VT1		
B206685	27 200A	V BOLT		4X	CVC	VT1	3	
B206685	27 200B	V BOLT		4X	CVC	VT1		
B206685	27 200C	V BOLT		4X	CVC	VT1		
B206685	27 4971	V BOLT		N	CVC	VT1		
B206685	27 4972	V BOLT		N	CVC	VT1	2	
B206713	79 342	V BOLT		N	CVC	VT1	3	
B206713	79 4975	V BOLT		N	CVC	VT1		
B206713	79 4976	V BOLT		N	CVC	VT1		
B206713	LCV 459	V BOLT		6X	CVC	VT1	1	
B206714	80 204A	V BOLT	1.25	6X	CVC	VT1	3	
B206714	80 210A	V BOLT	.75	12X	CVC	VT1		
B206714	80 4977	V BOLT		N	CVC	VT1		
B206714	80 4978	V BOLT		N	CVC	VT1		
B206723	96 204B	V BOLT	1.250	6X	CVC	VT1		
B206723	96 210B	V BOLT	.75	12X	CVC	VT1	1	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-2      Item Number: B07.70

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206707	61 4154	V BOLTS	3.0		RCS	VT1	2	
B206707	PCV 455B	V BOLT LN 61		12X	RCS	VT1	2	
B206708	61 4155	V BOLT	3.0		RCS	VT1		
B206709	62 4152	V BOLT	.875	16X	RCS	VT1		
B206709	62 4153	V BOLT	.875	16X	RCS	VT1		
B206709	PCV 455A	V BOLT LN 62	.875	8X	RCS	VT1		
B206711	64 211	V BOLT	2.0	N	RCS	VT1	1	
B206711	64 212	V BOLT	1.125	6X	RCS	VT1	1	
B206711	64 4973	V BOLT		N	RCS	VT1		
B206711	64 4974	V BOLT		N	RCS	VT1	2	
B206712	70 535	V BOLT	.875	16X	RCS	VT1		
B206712	70 536	V BOLT	.875	16X	RCS	VT1	3	
B206712	PCV 455C	V BOLT	1.25	6X	RCS	VT1	3	
B206712	PCV 456	V BOLT	1.25	6X	RCS	VT1		
B206731	PCV 464	V BOLT		8X	RCS	VT1		
B206732	PCV 466	V BOLT		8X	RCS	VT1	3	
B206733	PCV 468	V BOLT		8X	RCS	VT1		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-G-2      Item Number: B07.70

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206669	10 730	V BOLT	1.75	16X	RHR	VT1	1	
B206669	10 731	V BOLT	1.75	16X	RHR	VT1	1	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-G-2      Item Number: B07.70

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206901	350 895D	V BOLT	10.0	16X	SIS	VT1		
B206901	350 897D	V BOLT	10.0	16X	SIS	VT1	3	
B206903	351 895A	V BOLT	10.0	16X	SIS	VT1	2	
B206903	351 897A	V BOLT	10.0	16X	SIS	VT1		
B206904	352 895B	V BOLT	10.0	16X	SIS	VT1		
B206904	352 897B	V BOLT	10.0	16X	SIS	VT1		
B206905	353 895C	V BOLT	10.0	16X	SIS	VT1		
B206905	353 897C	V BOLT	10.0	16X	SIS	VT1		
B206906	355 838A	V BOLT	Z 1.25	12X	SIS	VT1		
B206907	356 838B	V BOLT	Z 1.25	12X	SIS	VT1		
B206908	353 838C	V BOLT	Z 1.25	12X	SIS	VT1	1	
B206910	361 838D	V BOLT	1.25	12X	SIS	VT1		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-G-2      Item Number: B07.80

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RHMJ A5	CONOSEAL 97	0.875	3X	RCS	VT1	3	
A206913	RHMJ E1	CONOSEAL 96	0.875	3X	RCS	VT1	3	
A206913	RHMJ E15	CONOSEAL 91	0.875	3X	RCS	VT1	1	
A206913	RHMJ G15	CONOSEAL 72	0.875	3X	RCS	VT1	1	
A206913	RHMJ L1	CONOSEAL 95	0.875	3X	RCS	VT1	3	
A206913	RHMJ L15	CONOSEAL 92	0.875	3X	RCS	VT1	2	
A206913	RHMJ R11	CONOSEAL 93	0.875	3X	RCS	VT1	2	



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.11

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206924	RCC 21- 1	CW	34.	2.5	RCS	PT+UT		
A206924	RCC 21- 2	CW	34.	2.5	RCS	PT+UT		
A206924	RCC 21- 3	CW	34.	2.5	RCS	PT+UT		
A206924	RCC 21- 6	CW	36.31	2.656	RCS	PT+UT	1	
A206924	RCC 21- 7	CW	36.31	2.656	RCS	PT+UT	1	
A206924	RCC 21- 8	CW	36.31	IPP1+2	RCS	PT+UT	1	
A206924	RCC 21- 9	CW	36.31	IPP1+2	RCS	PT+UT	1	
A206924	RCC 21-10	CW	36.93	3.0	RCS	PT+UT		
A206924	RCC 21-11	CW	32.25	2.375	RCS	PT+UT		
A206924	RCC 21-12	CW	32.25	2.375	RCS	PT+UT		
A206924	RCC 21-13	CW	32.25	2.375	RCS	PT+UT		
A206924	RCC 21-14	CW	33.56	2.5	RCS	PT+UT	3	
A206925	RCC 22- 1	CW	34.	2.5	RCS	PT+UT	1	
A206925	RCC 22- 2	CW	34.	2.5	RCS	PT+UT	2	
A206925	RCC 22- 3	CW	34.	2.5	RCS	PT+UT	3	
A206925	RCC 22- 6	CW	36.31	2.656	RCS	PT+UT		
A206925	RCC 22- 7	CW	36.31	2.656	RCS	PT+UT		
A206925	RCC 22- 8	CW	36.31	2.656	RCS	PT+UT		
A206925	RCC 22- 9	CW	36.31	2.656	RCS	PT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.11

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206925	RCC 22-10	CW	36.93	3.0	RCS	PT+UT		
A206925	RCC 22-11	CW	32.25	2.375	RCS	PT+UT		
A206925-2	RCC 22-12	CW	32.25	2.375	RCS	PT+UT		
A206925	RCC 22-13	CW	32.25	2.375	RCS	PT+UT		
A206925	RCC 22-14	CW	33.56	2.5	RCS	PT+UT		
A206926	RCC 23- 1	CW	34.	2.5	RCS	PT+UT		
A206926	RCC 23- 2	CW	34.	2.5	RCS	PT+UT		
A206926	RCC 23- 3	CW	34.	2.5	RCS	PT+UT		
A206926	RCC 23- 6	CW	36.31	2.656	RCS	PT+UT		
A206926	RCC 23- 7	CW	36.31	2.656	RCS	PT+UT		
A206926	RCC 23- 8	CW	36.31	2.656	RCS	PT+UT		
A206926	RCC 23- 9	CW	36.31	2.656	RCS	PT+UT		
A206926	RCC 23-10	CW	36.93	3.0	RCS	PT+UT		
A206926	RCC 23-11	CW	32.25	2.375	RCS	PT+UT		
A206926	RCC 23-12	CW	32.25	2.375	RCS	PT+UT		
A206926	RCC 23-13	CW	32.25	2.375	RCS	PT+UT		
A206926	RCC 23-14	CW	33.56	2.5	RCS	PT+UT		
A206927	RCC 24- 1	CW	34.	2.5	RCS	PT+UT		
A206927	RCC 24- 2	CW	34.	2.5	RCS	PT+UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.11
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206927	RCC 24- 3	CW	34.	2.5	RCS	PT+UT		
A206927	RCC 24- 6	CW	36.31	2.656	RCS	PT+UT		
A206927	RCC 24- 7	CW	36.31	2.656	RCS	PT+UT		
A206927	RCC 24- 8	CW	36.31	2.656	RCS	PT+UT		
A206927	RCC 24- 9	CW	36.31	2.656	RCS	PT+UT		
A206927	RCC 24-10	CW	36.93	3.0	RCS	PT+UT		
A206927	RCC 24-11	CW	32.25	2.375	RCS	PT+UT		
A206927-2	RCC 24-12	CW	32.25	2.375	RCS	PT+UT		
A206927	RCC 24-13	CW	32.25	2.375	RCS	PT+UT		
A206927	RCC 24-14	CW	33.56	2.5	RCS	PT+UT		
B206708	61 2	CW TE	4.0	.531	RCS	PT+UT	2	
B206708	61 3	CW	4.0	.531	RCS	PT+UT		
B206708	61 4	CW	4.0	.531	RCS	PT+UT		
B206708	61 5	CW	4.0	.531	RCS	PT+UT		
B206708	61 6	CW	4.0	.531	RCS	PT+UT		
B206708	61 7	CW	4.0	.531	RCS	PT+UT		
B206708	61 8	CW	4.0	.531	RCS	PT+UT		
B206708	61 9	CW	4.0	.531	RCS	PT+UT		
B206708	61 10	CW	4.0	.531	RCS	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J	Item Number: B09.11
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206708	61 11	CW	4.0	.531	RCS	PT+UT		
B206708-4	61 12	CW	4.0	.531	RCS	PT+UT		
B206708	61 13	CW	4.0	.531	RCS	PT+UT		
B206708	61 14	CW	4.0	.531	RCS	PT+UT		
B206708	61 15A	CW	4.0	.531	RCS	PT+UT		
B206710	63 1	CW TE	14.0	IPP 74	RCS	PT+UT	2	
B206710	63 2	CW	14.0	1.25	RCS	PT+UT		
B206710	63 3	CW	14.0	1.25	RCS	PT+UT		
B206710	63 4	CW	14.0	1.25	RCS	PT+UT		
B206710	63 5	CW	14.0	1.25	RCS	PT+UT		
B206712	70 1	CW TE	4.0	.531	RCS	PT+UT		
B206712	70 2	CW	4.0	IPP 61	RCS	PT+UT		
B206712	70 3	CW	4.0	IPP 61	RCS	PT+UT		
B206712	70 4	CW	4.0	IPP 61	RCS	PT+UT		
B206712	70 5	CW	4.0	.531	RCS	PT+UT		
B206712	70 6	CW	4.0	IPP 61	RCS	PT+UT		
B206712	70 7	CW	4.0	IPP 61	RCS	PT+UT	1	
B206712	70 12	CW	4.0	.531	RCS	PT+UT		
B206731	342 1	CW TE	4.0	.531	RCS	PT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.11

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206731	342 2	CW	4.0	.531	RCS	PT+UT		
B206732	343 1	CW TE	4.0	.531	RCS	PT+UT		
B206732	343 2	CW	4.0	.531	RCS	PT+UT		
B206733	344 1	CW TE	4.0	.531	RCS	PT+UT	2	
B206733	344 2	CW	4.0	.531	RCS	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.11

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206669	10 2	CW	14.0	1.25	RHR	PT+UT		
B206669	10 3	CW	14.0	1.25	RHR	PT+UT		
B206669	10 4	CW	14.0	1.25	RHR	PT+UT	3	
B206669	10 4A	CW	14.0	1.25	RHR	PT+UT	3	
B206669	10 5	CW	14.0	1.25	RHR	PT+UT		
B206669	10 6	CW	14.0	1.25	RHR	PT+UT		
B206669	10 7	CW	14.0	1.25	RHR	PT+UT		
B206669	10 8	CW	14.0	1.25	RHR	PT+UT		
B206669	10 9	CW	14.0	1.25	RHR	PT+UT		
B206669	10 10	CW	14.0	1.25	RHR	PT+UT		
B206669	10 10A	CW	14.0	1.25	RHR	PT+UT		
B206669	10 11	CW	14.0	1.25	RHR	PT+UT		
B206669	10 12	CW	14.0	1.25	RHR	PT+UT		
B206669	10 13	CW	14.0	1.25	RHR	PT+UT		
B206669	10 14	CW	14.0	1.25	RHR	PT+UT		
B206669	10 15	CW	14.0	1.25	RHR	PT+UT		
B206669	10 16	CW	14.0	1.25	RHR	PT+UT		
B206669	10 17	CW	14.0	1.25	RHR	PT+UT	2	
B206669	10 18	CW	14.0	1.25	RHR	PT+UT	2	

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.11

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206669	10 19	CW	14.0	1.25	RHR	PT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.11
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206901	350 2	CW	10.0	1.0	SIS	PT+UT		
B206901	350 3	CW	10.0	1.0	SIS	PT+UT		
B206901	350 4	CW	10.0	1.0	SIS	PT+UT		
B206901	350 5	CW	10.0	1.0	SIS	PT+UT		
B206901	350 6	CW	10.0	1.0	SIS	PT+UT		
B206901	350 7	CW	10.0	1.0	SIS	PT+UT		
B206901	350 8	CW	10.0	1.0	SIS	PT+UT		
B206901	350 9	CW	10.0	1.0	SIS	PT+UT		
B206903	351 2	CW	10.0	IPP 48	SIS	PT+UT	1	
B206903	351 3	CW	10.0	IPP 48	SIS	PT+UT	1	
B206903	351 4	CW	10.0	1.0	SIS	PT+UT		
B206903	351 5	CW	10.0	1.0	SIS	PT+UT		
B206903	351 6	CW	10.0	1.0	SIS	PT+UT		
B206903	351 7	CW	10.0	1.0	SIS	PT+UT		
B206903	351 8	CW	10.0	1.0	SIS	PT+UT		
B206903	351 9	CW	10.0	1.0	SIS	PT+UT		
B206903	351 10	CW	10.0	1.0	SIS	PT+UT		
B206903	351 11	CW	10.0	1.0	SIS	PT+UT		
B206903	351 12	CW	10.0	1.0	SIS	PT+UT		



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.11

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206903	351 13	CW	10.0	1.0	SIS	PT+UT		
B206903	351 14	CW	10.0	1.0	SIS	PT+UT		
B206903	351 15	CW	10.0	1.0	SIS	PT+UT		
B206903	351 16	CW	10.0	1.0	SIS	PT+UT	3	
B206904	352 2	CW	10.0	1.0	SIS	PT+UT		
B206904	352 3	CW	10.0	1.0	SIS	PT+UT		
B206904	352 4	CW	10.0	1.0	SIS	PT+UT		
B206904	352 5	CW	10.0	1.0	SIS	PT+UT		
B206904	352 6	CW	10.0	1.0	SIS	PT+UT		
B206904	352 7	CW	10.0	1.0	SIS	PT+UT		
B206904	352 8	CW	10.0	1.0	SIS	PT+UT		
B206904	352 9	CW	10.0	1.0	SIS	PT+UT		
B206904	352 10	CW	10.0	1.0	SIS	PT+UT		
B206904-3	352 11	CW	10.0	1.0	SIS	PT+UT		
B206904	352 12	CW	10.0	1.0	SIS	PT+UT		
B206905	353 2	CW	10.0	1.0	SIS	PT+UT		
B206905	353 3	CW	10.0	1.0	SIS	PT+UT	2	
B206905	353 4	CW	10.0	1.0	SIS	PT+UT		
B206905	353 5	CW	10.0	1.0	SIS	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.11

System: SIS

Drawing	Identity		Description		Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206905	353	6	CW		10.0	IPP 48	SIS	PT+UT	1	
B206905	353	7	CW		10.0	IPP 48	SIS	PT+UT		
B206905	353	8	CW		10.0	1.0	SIS	PT+UT		
B206905	353	9	CW		10.0	1.0	SIS	PT+UT		
B206905	353	10	CW		10.0	1.0	SIS	PT+UT		
B206906	355	1	CW	Z	6.0	.719	SIS	PT+UT		
B206906	355	2	CW	Z	6.0	.719	SIS	PT+UT		
B206907	356	30	CW	Z	6.0	.719	SIS	PT+UT		
B206908	358	9	CW	Z	6.0	.719	SIS	PT+UT		
B206908	358	10	CW	Z	6.0	.719	SIS	PT+UT	3	
B206908	358	11	CW	Z	6.0	.719	SIS	PT+UT	3	
B206910	361	61	CW		6.0	.719	SIS	PT+UT		
B206910	361	62	CW		6.0	.719	SIS	PT+UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.12

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206924	RCL 21- 1	LW	12.0	IPP1+2	RCS	PT+UT	1	R27
A206924	RCL 21- 2	LW	12.0	IPP1+2	RCS	PT+UT	1	R27
A206924	RCL 21- 3	LW	12.0	IPP1+2	RCS	PT+UT	1	R27
A206924	RCL 21- 4	LW	12.0	IPP1+2	RCS	PT+UT	1	R27
A206925	RCL 22- 1	LW	12.0	3.312	RCS	PT+UT		R27
A206925	RCL 22- 2	LW	12.0	3.312	RCS	PT+UT		R27
A206925	RCL 22- 3	LW	12.0	3.312	RCS	PT+UT		R27
A206925	RCL 22- 4	LW	12.0	3.312	RCS	PT+UT		R27
A206926	RCL 23- 1	LW	12.0	3.312	RCS	PT+UT		R27
A206926	RCL 23- 2	LW	12.0	3.312	RCS	PT+UT		R27
A206926	RCL 23- 3	LW	12.0	3.312	RCS	PT+UT		R27
A206926	RCL 23- 4	LW	12.0	3.312	RCS	PT+UT		R27
A206927	RCL 24- 1	LW	12.0	3.312	RCS	PT+UT		R27
A206927	RCL 24- 2	LW	12.0	3.312	RCS	PT+UT		R27
A206927	RCL 24- 3	LW	12.0	3.312	RCS	PT+UT		R27
A206927	RCL 24- 4	LW	12.0	3.312	RCS	PT+UT		R27

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.21

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206621	RGX P-1-2	CW	3.0	.300	CVC	PT		
A206621	RGX P-1-3	CW	3.0	.300	CVC	PT		
A206621	RGX P-2-1	CW	3.0	.300	CVC	PT		
A206621	RGX P-2-2	CW	3.0	.300	CVC	PT		
A206621	RGX P-2-3	CW	3.0	.300	CVC	PT		
A206621	RGX P-2-4	CW	3.0	.300	CVC	PT		
A206621	RGX P-3-1	CW	3.0	.300	CVC	PT		
A206621	RGX P-3-2	CW	3.0	.300	CVC	PT		
B206684	19 1AA	CW	3.0	.437	CVC	PT	2	
B206684	19 2	CW TE	3.0	.437	CVC	PT		
B206684	19 2AA	CW	3.0	.437	CVC	PT	1	
B206684	19 3	CW	3.0	.437	CVC	PT		
B206684	19 3A	CW	3.0	.437	CVC	PT		
B206684	19 3AA	CW	3.0	.437	CVC	PT	1	
B206684	19 4	CW	3.0	.437	CVC	PT		
B206684	19 4A	CW	3.0	.437	CVC	PT		
B206684	19 4AA	CW	3.0	.437	CVC	PT		
B206684	19 5	CW	3.0	.437	CVC	PT		
B206684	19 5A	CW	3.0	.437	CVC	PT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.21

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206684	19	5A1 CW	3.0	.437	CVC	PT		
B206684	19	5AA CW	3.0	.437	CVC	PT	2	
B206684	19	6 CW	3.0	.437	CVC	PT		
B206684	19	9 CW	3.0	.437	CVC	PT		
B206685	27	2 CW TE	3.0	.437	CVC	PT		
B206685	27	3 CW	3.0	.437	CVC	PT		
B206685	27	4 CW	3.0	.437	CVC	PT		
B206685	27	6AA CW	3.0	.437	CVC	PT		
B206685	27	7 CW	3.0	.437	CVC	PT		
B206685	27	7AA CW	3.0	.437	CVC	PT	2	
B206685	27	8 CW	3.0	.437	CVC	PT		
B206685	27	8AA CW	3.0	.437	CVC	PT	1	
B206685	27	9 CW	3.0	.437	CVC	PT		
B206685	27	9AA CW	3.0	.437	CVC	PT		
B206685	27	10 CW	3.0	.437	CVC	PT	1	
B206685	27	10AA CW	3.0	.437	CVC	PT		
B206685	27	11AA CW	3.0	.437	CVC	PT		
B206685	27	12AA CW	3.0	.437	CVC	PT	2	
B206685	27	13 CW	3.0	.437	CVC	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.21
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206685	27 14	CW	3.0	.437	CVC	PT		
B206685	27 15	CW	3.0	.437	CVC	PT		
B206685	27 16	CW	3.0	.437	CVC	PT		
B206713	79 1AA	CW	3.0	.437	CVC	PT	2	
B206713	79 2	CW TE	3.0	.437	CVC	PT		
B206713	79 2AA	CW	3.0	.437	CVC	PT	1	
B206713	79 3	CW	3.0	.437	CVC	PT		
B206713	79 3A	CW	3.0	.437	CVC	PT		
B206713	79 3AA	CW	3.0	.437	CVC	PT		
B206713	79 4	CW	3.0	.437	CVC	PT		
B206713	79 4AA	CW	3.0	.437	CVC	PT	2	
B206713	79 5	CW	3.0	.437	CVC	PT		
B206713	79 5AA	CW	3.0	.437	CVC	PT		
B206713	79 7	CW	3.0	.437	CVC	PT		
B206713	79 8	CW	3.0	.437	CVC	PT		
B206713	79 9	CW	3.0	.437	CVC	PT		
B206713	79 10	CW	3.0	.437	CVC	PT		
B206713	79 11	CW	3.0	.437	CVC	PT		
B206713	79 12	CW	3.0	.437	CVC	PT	2	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.21
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206713	79 13	CW	3.0	.437	CVC	PT	3	
B206713	79 14	CW	3.0	.437	CVC	PT		
B206713	79 15	CW	3.0	.437	CVC	PT		
B206713	79 16	CW	3.0	.437	CVC	PT	3	
B206713	79 16A	CW	3.0	.437	CVC	PT		
B206713	79 17	CW	3.0	.437	CVC	PT		
B206713	79 18	CW	3.0	.437	CVC	PT		
B206713	79 19	CW	3.0	.437	CVC	PT		
B206713	79 19A	CW	3.0	.437	CVC	PT		
B206713	79 20	CW	3.0	.437	CVC	PT		
B206713	79 21	CW	3.0	.437	CVC	PT		
B206713	79 22	CW	3.0	.437	CVC	PT		
B206713	79 23	CW	3.0	.437	CVC	PT		
B206713	79 24	CW	3.0	.437	CVC	PT		
B206713	79 25	CW	3.0	.437	CVC	PT		
B206714	80 2	CW TE	3.0	.437	CVC	PT	2	
B206714	80 3	CW	3.0	.437	CVC	PT		
B206714	80 4	CW	3.0	.437	CVC	PT		
B206714	80 5	CW	3.0	.437	CVC	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.21

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206714	80 6	CW	3.0	.437	CVC	PT	3	
B206714	80 6AA	CW	3.0	.437	CVC	PT	2	
B206714	80 7	CW	3.0	.437	CVC	PT		
B206714	80 7AA	CW	3.0	.437	CVC	PT		
B206714	80 8	CW	3.0	.437	CVC	PT		
B206714	80 8A	CW	3.0	.437	CVC	PT	3	
B206714	80 8AA	CW	3.0	.437	CVC	PT		
B206714	80 9	CW	3.0	.437	CVC	PT		
B206714	80 9AA	CW	3.0	.437	CVC	PT		
B206714	80 10	CW	3.0	.437	CVC	PT	1	
B206714	80 10A	CW	3.0	.437	CVC	PT		
B206714	80 10AA	CW	3.0	.437	CVC	PT	2	
B206714	80 11	CW	3.0	.437	CVC	PT		
B206714	80 12	CW	3.0	.437	CVC	PT		
B206714	80 13	CW	3.0	.437	CVC	PT		
B206714	80 14A	CW	3.0	.437	CVC	PT	3	
B206714	80 15	CW	3.0	.437	CVC	PT	3	
B206714	80 16	CW	3.0	.437	CVC	PT		
B206714	80 17	CW	3.0	.437	CVC	PT		



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.21

System: CVC

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206714	80	18	CW	3.0	.437	CVC	PT		
B206714	80	19	CW	3.0	.437	CVC	PT	3	
B206714	80	20A	CW	3.0	.437	CVC	PT		
B206714	80	21	CW	3.0	.437	CVC	PT	1	
B206714	80	21A	CW	3.0	.437	CVC	PT		
B206714	80	21B	CW	3.0	.437	CVC	PT		
B206714	80	22	CW	3.0	.437	CVC	PT		
B206714	80	22A	CW	3.0	.437	CVC	PT		
B206714	80	23	CW	3.0	.437	CVC	PT		
B206714	80	24	CW TE	3.0	.437	CVC	PT		
B206723	96	2	CW TE	3.0	.437	CVC	PT	1	
B206723	96	3	CW	3.0	.437	CVC	PT	1	
B206723	96	4	CW	3.0	.437	CVC	PT	1	
B206723	96	5	CW	3.0	.437	CVC	PT	2	
B206723	96	6	CW	3.0	.437	CVC	PT		
B206723	96	7	CW	3.0	.437	CVC	PT		
B206723	96	7A	CW	3.0	.437	CVC	PT	3	
B206723	96	8	CW	3.0	.437	CVC	PT	3	
B206723	96	9	CW	3.0	.437	CVC	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.21
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206723	96 9A	CW	3.0	.437	CVC	PT	3	
B206723	96 9A1	CW	3.0	.437	CVC	PT		
B206723	96 9B	CW	3.0	.437	CVC	PT	3	
B206723	96 9C	CW	3.0	.437	CVC	PT		
B206723	96 9D	CW	3.0	.437	CVC	PT		
B206723	96 10	CW	3.0	.437	CVC	PT		
B206723	96 11	CW	3.0	.437	CVC	PT		
B206723	96 12	CW	3.0	.437	CVC	PT		
B206723	96 13	CW	3.0	.437	CVC	PT		
B206723	96 13A	CW	3.0	.437	CVC	PT		
B206723	96 14	CW	3.0	.437	CVC	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.21

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206707	61 1AH	CW	3.0	.438	RCS	PT	2	
B206707	61 2AH	CW	3.0	.438	RCS	PT		
B206707	61 4AH	CW	3.0	.438	RCS	PT		
B206707	61 5AH	CW	3.0	.438	RCS	PT		
B206707	61 7AH	CW	3.0	.438	RCS	PT		
B206707	61 20	CW	3.0	.438	RCS	PT	3	
B206707	61 20A	CW	3.0	.438	RCS	PT		
B206707	61 20B	CW	3.0	.438	RCS	PT		
B206707	61 21	CW	3.0	.438	RCS	PT		
B206707	61 22	CW	3.0	.438	RCS	PT		
B206707	61 23	CW	3.0	.438	RCS	PT		
B206707	61 24	CW	3.0	.438	RCS	PT		
B206707	61 25	CW	3.0	.438	RCS	PT		
B206707	61 26	CW	3.0	.438	RCS	PT		
B206707	61 26A	CW	3.0	.438	RCS	PT		
B206707	61 27	CW	3.0	.438	RCS	PT		
B206707	61 28	CW	3.0	.438	RCS	PT		
B206707	61 29	CW	3.0	.438	RCS	PT		
B206707	61 30	CW	3.0	.438	RCS	PT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.21
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206707	61 34	CW	3.0	.438	RCS	PT		
B206707	61 35	CW	3.0	.438	RCS	PT		
B206707	61 36	CW	3.0	.438	RCS	PT		
B206708	61 1AJ	CW	3.0	.437	RCS	PT		
B206708	61 2AJ	CW	3.0	.437	RCS	PT	2	
B206708	61 15	CW	3.0	.437	RCS	PT		
B206708	61 16	CW	3.0	.437	RCS	PT		
B206708	61 17	CW	3.0	.437	RCS	PT		
B206708	61 18	CW	3.0	.437	RCS	PT	3	
B206708	61 19	CW	3.0	.437	RCS	PT		
B206709	62 1	CW	3.0	.437	RCS	PT		
B206709	62 1AL	CW	3.0	.437	RCS	PT		
B206709	62 2	CW	3.0	.437	RCS	PT		
B206709	62 2AL	CW	3.0	.437	RCS	PT		
B206709	62 3	CW	3.0	.437	RCS	PT		
B206709	62 3AL	CW	3.0	.437	RCS	PT	3	
B206709	62 4	CW	3.0	.437	RCS	PT		
B206709	62 4AL	CW	3.0	.437	RCS	PT		
B206709	62 5	CW	3.0	.437	RCS	PT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.21

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206709	62	5AL CW	3.0	.437	RCS	PT		
B206709	62	6 CW	3.0	.437	RCS	PT		
B206709	62	6AL CW	3.0	.437	RCS	PT		
B206709	62	7 CW	3.0	.437	RCS	PT		
B206709	62	8 CW	3.0	.437	RCS	PT		
B206709	62	11 CW	3.0	.437	RCS	PT	2	
B206709	62	12 CW	3.0	.437	RCS	PT		
B206709	62	13 CW	3.0	.437	RCS	PT		
B206709	62	14 CW	3.0	.437	RCS	PT		
B206709	62	15 CW	3.0	.437	RCS	PT		
B206709	62	19AL CW	3.0	.437	RCS	PT	3	
B206712	70	8 CW	3.0	.437	RCS	PT	2	
B206712	70	9 CW	3.0	.437	RCS	PT	1	
B206712	70	10 CW	3.0	.437	RCS	PT	1	
B206712	70	13 CW	3.0	.437	RCS	PT	3	
B206712	70	14 CW	3.0	.437	RCS	PT	1	
B206712	70	15 CW	3.0	.437	RCS	PT	1	
B206712	70	16 CW	3.0	.437	RCS	PT	1	

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.31

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206710	63 6	BW	14.0	1.25	RCS	PT+UT		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.31

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206669	10 1	BW TE	14.0	1.25	RHR	PT+UT	3	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.31

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206901	350 1	BW	10.0	2.5	SIS	PT+UT		
B206903	351 1	BW	10.0	IPP 48	SIS	PT+UT		
B206904	352 1	BW	10.0	2.5	SIS	PT+UT		
B206905	353 1	BW	10.0	2.5	SIS	PT+UT	2	



**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.32
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206713	79 1	BW	3.0	.437	CVC	PT		
B206714	80 1	BW	3.0	1.187	CVC	PT		
B206716	82 1	BW	2.0		CVC	PT		
B206717	83 1	BW	2.0		CVC	PT		
B206718	84 1	BW	2.0		CVC	PT		
B206723	96 1	BW	3.0	1.188	CVC	PT	1	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J	Item Number: B09.32
System: RCS	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206707	61 37	BW	3.0		RCS	PT		
B206709	62 16	BW	3.0	.437	RCS	PT		
B206711	64 31	BW	2.0		RCS	PT	2	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.32
System: SIS	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206682	16 98	BW	2.0		SIS	PT		
B206683	16 1	BW	2.0		SIS	PT		
B206683	16 39	BW	2.0		SIS	PT		
B206700	56 89	BW	2.0		SIS	PT		
B206701	56 47	BW TE	2.0		SIS	PT	3	
B206702	56 1	BW TE	2.0		SIS	PT	3	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.40

System: CVC

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206685	27	17	SW	2.0		CVC	PT	2	
B206685	27	18	SW	2.0		CVC	PT	2	
B206685	27	19	SW	2.0		CVC	PT		
B206685	27	20	SW	2.0		CVC	PT		
B206685	27	21	SW	2.0		CVC	PT		
B206685	27	22	SW	2.0		CVC	PT		
B206685	27	23	SW	2.0		CVC	PT		
B206685	27	24	SW	2.0		CVC	PT		
B206685	27	25	SW	2.0		CVC	PT		
B206685	27	26	SW	2.0		CVC	PT		
B206685	27	27	SW	2.0		CVC	PT		
B206685	27	28	SW	2.0		CVC	PT		
B206685	27	29	SW	2.0		CVC	PT		
B206685	27	30	SW	2.0		CVC	PT		
B206685	27	31	SW	2.0		CVC	PT		
B206685	27	32	SW	2.0		CVC	PT		
B206685	27	33	SW	2.0		CVC	PT		
B206685	27	34	SW	2.0		CVC	PT		
B206685	27	35	SW	2.0		CVC	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.40
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206685	27 36	SW	2.0		CVC	PT		
B206685	27 37	SW	2.0		CVC	PT		
B206685	27 38	SW	2.0		CVC	PT		
B206685	27 39	SW	2.0		CVC	PT		
B206685	27 40	SW	2.0		CVC	PT		
B206685	27 41	SW	2.0		CVC	PT		
B206685	27 42	SW	2.0		CVC	PT		
B206685	27 43	SW	2.0		CVC	PT		
B206685	27 44	SW	2.0		CVC	PT		
B206686	41 31	SW	2.0		CVC	PT		
B206686	41 32	SW	2.0		CVC	PT		
B206686	41 33	SW	2.0		CVC	PT		
B206686	41 34	SW	2.0		CVC	PT		
B206686	41 35	SW	2.0		CVC	PT		
B206686	41 36	SW	2.0		CVC	PT		
B206686	41 37	SW	2.0		CVC	PT		
B206686	41 38	SW	2.0		CVC	PT		
B206686	41 38.1	SW	2.0	.344	CVC	PT		
B206686	41 38.2	SW	2.0	.344	CVC	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.40
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206686	41 38.3	SW	2.0	.344	CVC	PT		
B206686	41 38.4	SW	2.0	.344	CVC	PT		
B206686	41 38.5	SW	2.0	.344	CVC	PT		
B206686	41 38.6	SW	2.0	.344	CVC	PT		
B206686	41 39	SW	2.0		CVC	PT	3	
B206686	41 40	SW	2.0		CVC	PT	3	
B206686	41 41	SW	2.0		CVC	PT	3	
B206686	41 42	SW	2.0		CVC	PT	3	
B206686	41 43	SW	2.0		CVC	PT	3	
B206686	41 44	SW	2.0		CVC	PT	3	
B206686	41 45	SW	2.0		CVC	PT	3	
B206686	41 46	SW	2.0		CVC	PT	3	
B206686	41 47	SW	2.0		CVC	PT		
B206686	41 48	SW	2.0		CVC	PT		
B206686	41 49	SW	2.0		CVC	PT		
B206686	41 50	SW	2.0		CVC	PT		
B206686	41 51	SW	2.0		CVC	PT		
B206686	41 52	SW	2.0		CVC	PT		
B206687	41 1	SW	1.5		CVC	PT	2	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.40

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206687	41 2	SW	1.5		CVC	PT	2	
B206687	41 3	SW	2.0		CVC	PT	2	
B206687	41 4	SW	2.0		CVC	PT	2	
B206687	41 5	SW	2.0		CVC	PT		
B206687	41 6	SW	2.0		CVC	PT	2	
B206687	41 7	SW	2.0		CVC	PT		
B206687	41 8	SW	2.0		CVC	PT		
B206687	41 9	SW	2.0		CVC	PT		
B206687	41 10	SW	2.0		CVC	PT		
B206687	41 11	SW	2.0		CVC	PT		
B206687	41 12	SW	2.0		CVC	PT		
B206687	41 13	SW	2.0		CVC	PT		
B206687	41 14	SW	2.0		CVC	PT		
B206687	41 15	SW	2.0		CVC	PT		
B206687	41 16	SW	2.0		CVC	PT		
B206687	41 17	SW	2.0		CVC	PT		
B206687	41 18	SW	2.0		CVC	PT		
B206687	41 19	SW	2.0		CVC	PT		
B206687	41 20	SW	2.0		CVC	PT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.40

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206687	41 21	SW	2.0		CVC	PT		
B206687	41 22	SW	2.0		CVC	PT		
B206687	41 23	SW	2.0		CVC	PT		
B206687	41 24	SW	2.0		CVC	PT		
B206687	41 25	SW	2.0		CVC	PT		
B206687	41 26	SW	2.0		CVC	PT		
B206687	41 27	SW	2.0		CVC	PT		
B206687	41 28	SW	2.0		CVC	PT		
B206687	41 30	SW	2.0		CVC	PT		
B206688	42 20	SW	2.0		CVC	PT		
B206688	42 21	SW	2.0		CVC	PT		
B206688	42 22	SW	2.0		CVC	PT		
B206688	42 22.1	SW	2.0	.344	CVC	PT		
B206688	42 22.2	SW	2.0	.344	CVC	PT		
B206688	42 22.3	SW	2.0	.344	CVC	PT		
B206688	42 22.4	SW	2.0	.344	CVC	PT		
B206688	42 23	SW	2.0		CVC	PT	3	
B206688	42 24	SW	2.0		CVC	PT	3	
B206688	42 25	SW	2.0		CVC	PT	3	



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.40

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206688	42 26	SW	2.0		CVC	PT	3	
B206688	42 27	SW	2.0		CVC	PT	3	
B206688	42 28	SW	2.0		CVC	PT	3	
B206688	42 29	SW	2.0		CVC	PT		
B206688	42 30	SW	2.0		CVC	PT		
B206688	42 31	SW	2.0		CVC	PT		
B206688	42 32	SW	2.0		CVC	PT		
B206688	42 33	SW	2.0		CVC	PT		
B206688	42 34	SW	2.0		CVC	PT		
B206688	42 35	SW	2.0		CVC	PT		
B206688	42 36	SW	2.0		CVC	PT		
B206689	42 1	SW	1.5		CVC	PT		
B206689	42 2	SW	1.5		CVC	PT		
B206689	42 3	SW	2.0		CVC	PT		
B206689	42 4	SW	2.0		CVC	PT		
B206689	42 5	SW	2.0		CVC	PT		
B206689	42 6	SW	2.0		CVC	PT	2	
B206689	42 7	SW	2.0		CVC	PT	2	
B206689	42 8	SW	2.0		CVC	PT	2	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.40
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206689	42 9	SW	2.0		CVC	PT	2	
B206689	42 10	SW	2.0		CVC	PT	2	
B206689	42 11	SW	2.0		CVC	PT		
B206689	42 12	SW	2.0		CVC	PT		
B206689	42 13	SW	2.0		CVC	PT		
B206689	42 14	SW	2.0		CVC	PT		
B206689	42 15	SW	2.0		CVC	PT		
B206689	42 16	SW	2.0		CVC	PT		
B206689	42 17	SW	2.0		CVC	PT		
B206689	42 18	SW	2.0		CVC	PT		
B206689	42 19	SW	2.0		CVC	PT		
B206690	43 33	SW	2.0		CVC	PT		
B206690	43 34	SW	2.0		CVC	PT		
B206690	43 35	SW	2.0		CVC	PT		
B206690	43 36	SW	2.0		CVC	PT		
B206690	43 37	SW	2.0		CVC	PT		
B206690	43 38	SW	2.0		CVC	PT		
B206690	43 39	SW	2.0		CVC	PT		
B206690	43 40	SW	2.0		CVC	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.40

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206690	43 41	SW	2.0		CVC	PT		
B206690	43 42	SW	2.0		CVC	PT		
B206690	43 43	SW	2.0		CVC	PT		
B206690	43 44	SW	2.0		CVC	PT		
B206690	43 45	SW	2.0		CVC	PT		
B206690	43 46	SW	2.0		CVC	PT		
B206690	43 47	SW	2.0		CVC	PT		
B206690	43 48	SW	2.0		CVC	PT	3	
B206690	43 49	SW	2.0		CVC	PT	3	
B206690	43 50	SW	2.0		CVC	PT	3	
B206690	43 51	SW	2.0		CVC	PT	3	
B206690	43 52	SW	2.0		CVC	PT	2	
B206690	43 53	SW	2.0		CVC	PT	2	
B206690	43 54	SW	2.0		CVC	PT		
B206690	43 55	SW	2.0		CVC	PT		
B206690	43 56	SW	2.0		CVC	PT		
B206690	43 57	SW	2.0		CVC	PT		
B206690	43 58	SW	2.0		CVC	PT		
B206690	43 59	SW	2.0		CVC	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.40

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206690	43 60	SW	2.0		CVC	PT		
B206690	43 61	SW	2.0	.344	CVC	PT		
B206690	43 62	SW	2.0	.344	CVC	PT		
B206690	43 63	SW	2.0	.344	CVC	PT		
B206690	43 64	SW	2.0	.344	CVC	PT		
B206690	43 65	SW	2.0	.344	CVC	PT		
B206690	43 66	SW	2.0	.344	CVC	PT		
B206690	43 67	SW	2.0	.344	CVC	PT		
B206691	43 1	SW	1.5		CVC	PT		
B206691	43 2	SW	1.5		CVC	PT		
B206691	43 3	SW	2.0		CVC	PT		
B206691	43 4	SW	2.0		CVC	PT		
B206691	43 5	SW	2.0		CVC	PT		
B206691	43 6	SW	2.0		CVC	PT		
B206691	43 7	SW	2.0		CVC	PT		
B206691	43 8	SW	2.0		CVC	PT		
B206691	43 9	SW	2.0		CVC	PT		
B206691	43 10	SW	2.0		CVC	PT	2	
B206691	43 11	SW	2.0		CVC	PT	2	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.40

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206691	43 12	SW	2.0		CVC	PT	2	
B206691	43 13	SW	2.0		CVC	PT	2	
B206691	43 14	SW	2.0		CVC	PT		
B206691	43 15	SW	2.0		CVC	PT		
B206691	43 16	SW	2.0		CVC	PT		
B206691	43 17	SW	2.0		CVC	PT		
B206691	43 18	SW	2.0		CVC	PT		
B206691	43 19	SW	2.0		CVC	PT		
B206691	43 20	SW	2.0		CVC	PT		
B206691	43 21	SW	2.0		CVC	PT		
B206691	43 22	SW	2.0		CVC	PT		
B206691	43 23	SW	2.0		CVC	PT		
B206691	43 24	SW	2.0		CVC	PT		
B206691	43 25	SW	2.0		CVC	PT		
B206691	43 26	SW	2.0		CVC	PT		
B206691-4	43 27	SW	2.0	.344	CVC	PT		
B206691	43 28	SW	2.0	.344	CVC	PT		
B206691	43 29	SW	2.0	.344	CVC	PT		
B206691	43 30	SW	2.0	.344	CVC	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.40
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206691	43 31	SW	2.0	.344	CVC	PT		
B206691	43 31.1	SW	2.0	.344	CVC	PT		
B206691	43 32	SW	2.0	.344	CVC	PT		
B206692	44 26	SW 44-26	2.0		CVC	PT	3	
B206692	44 27	SW 44-27	2.0		CVC	PT	3	
B206692	44 28	SW 44-28	2.0		CVC	PT	3	
B206692	44 29	SW 44-29	2.0		CVC	PT	3	
B206692	44 30	SW	2.0		CVC	PT		
B206692	44 31	SW	2.0		CVC	PT		
B206692	44 32	SW	2.0		CVC	PT	3	
B206692	44 33	SW	2.0		CVC	PT	3	
B206692	44 34	SW	2.0		CVC	PT		
B206692	44 35	SW	2.0		CVC	PT		
B206692	44 36	SW	2.0		CVC	PT		
B206692	44 37	SW	2.0		CVC	PT		
B206692	44 38	SW	2.0		CVC	PT		
B206692	44 39	SW	2.0		CVC	PT		
B206692	44 40	SW	2.0		CVC	PT		
B206692	44 41	SW	2.0		CVC	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.40
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206692	44 43	SW	2.0		CVC	PT		
B206692	44 44	SW	2.0		CVC	PT		
B206692	44 45	SW	2.0		CVC	PT		
B206692	44 46	SW 44-46	2.0		CVC	PT	2	
B206693	44 1	SW	1.5		CVC	PT		
B206693	44 2	SW	1.5		CVC	PT		
B206693	44 3	SW	2.0		CVC	PT	3	
B206693	44 4	SW	2.0		CVC	PT	3	
B206693	44 4.1	SW	2.0		CVC	PT	3	
B206693	44 4.2	SW	2.0		CVC	PT		
B206693	44 4.3	SW	2.0		CVC	PT	3	
B206693	44 5	SW	2.0		CVC	PT	3	
B206693	44 6	SW	2.0		CVC	PT	3	
B206693	44 7	SW	2.0		CVC	PT	3	
B206693	44 8	SW	2.0		CVC	PT	3	
B206693	44 9	SW	2.0		CVC	PT		
B206693	44 10	SW	2.0		CVC	PT		
B206693	44 11	SW	2.0		CVC	PT		
B206693	44 12	SW	2.0		CVC	PT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.40

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206693	44 13	SW	2.0		CVC	PT		
B206693	44 14	SW	2.0		CVC	PT		
B206693	44 15	SW	2.0		CVC	PT		
B206693	44 16	SW	2.0		CVC	PT		
B206693	44 17	SW	2.0		CVC	PT		
B206693	44 18	SW	2.0		CVC	PT		
B206693	44 19	SW	2.0		CVC	PT		
B206693	44 20	SW	2.0		CVC	PT		
B206693-4	44 21	SW	2.0	.344	CVC	PT		
B206693	44 22	SW	2.0	.344	CVC	PT		
B206693	44 23	SW	2.0	.344	CVC	PT		
B206693	44 24	SW	2.0	.344	CVC	PT		
B206693	44 25	SW	2.0	.344	CVC	PT		
B206715	81 1	SW	2.0		CVC	PT	1	
B206715	81 2	SW	2.0		CVC	PT	1	
B206715	81 3	SW	2.0		CVC	PT	1	
B206715	81 4	SW	2.0		CVC	PT	1	
B206715	81 5	SW	2.0		CVC	PT		
B206715	81 6	SW	2.0		CVC	PT	1	



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.40
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206715	81 7	SW	2.0		CVC	PT	1	
B206715	81 8	SW	2.0		CVC	PT	1	
B206716	82 2	SW	2.0		CVC	PT		
B206716	82 3	SW	2.0		CVC	PT		
B206716	82 4	SW	2.0		CVC	PT		
B206716	82 5	SW	2.0		CVC	PT		
B206716	82 6	SW	2.0		CVC	PT		
B206716	82 7	SW	2.0		CVC	PT		
B206717	83 2	SW	2.0		CVC	PT		
B206717	83 3	SW	2.0		CVC	PT		
B206717	83 4	SW	2.0		CVC	PT		
B206717	83 5	SW	2.0		CVC	PT		
B206717	83 6	SW	2.0		CVC	PT		
B206717	83 7	SW	2.0		CVC	PT		
B206718	84 2	SW	2.0		CVC	PT		
B206718	84 3	SW	2.0		CVC	PT		
B206718	84 4	SW	2.0		CVC	PT	2	
B206718	84 5	SW	2.0		CVC	PT	2	
B206718	84 6	SW	2.0		CVC	PT	2	

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.40

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206718	84 7	SW	2.0		CVC	PT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.40

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206711	64 1	SW	2.0		RCS	PT		
B206711	64 2	SW	2.0		RCS	PT		
B206711	64 3	SW	2.0		RCS	PT		
B206711	64 8	SW	2.0		RCS	PT		
B206711	64 9	SW	2.0		RCS	PT		
B206711	64 10	SW	2.0		RCS	PT		
B206711	64 11	SW	2.0		RCS	PT		
B206711	64 12	SW	2.0		RCS	PT		
B206711	64 13	SW	2.0		RCS	PT		
B206711	64 13AA	SW	2.0		RCS	PT	2	
B206711	64 14	SW	2.0		RCS	PT		
B206711	64 14AA	SW	2.0		RCS	PT	2	
B206711	64 15	SW	2.0		RCS	PT		
B206711	64 15AA	SW	2.0		RCS	PT	2	
B206711	64 16	SW	2.0		RCS	PT		
B206711	64 16AA	SW	2.0		RCS	PT	2	
B206711	64 17	SW	2.0		RCS	PT		
B206711	64 17AA	SW	2.0		RCS	PT	2	
B206711	64 18	SW	2.0		RCS	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.40
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206711	64 18AA	SW	2.0		RCS	PT		
B206711	64 19	SW	2.0		RCS	PT		
B206711	64 19AA	SW	2.0		RCS	PT	3	
B206711	64 20	SW	2.0		RCS	PT	3	
B206711	64 20AA	SW	2.0		RCS	PT	3	
B206711	64 21	SW	2.0		RCS	PT	3	
B206711	64 22	SW	2.0		RCS	PT		
B206711	64 23	SW	2.0		RCS	PT		
B206711	64 24	SW	2.0		RCS	PT		
B206711	64 25	SW	2.0		RCS	PT		
B206711	64 26	SW	2.0		RCS	PT		
B206711	64 27	SW	2.0		RCS	PT		
B206711	64 28	SW	2.0		RCS	PT		
B206711	64 29	SW	2.0		RCS	PT		
B206711	64 30	SW TE	2.0		RCS	PT	3	
B206711	64 32	SW	2.0		RCS	PT	1	
B206711	64 33	SW	2.0		RCS	PT	1	
B206711	64 34	SW	2.0		RCS	PT	1	
B206711	64 35	SW	2.0		RCS	PT	1	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.40
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System: RCS
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Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206711	64	36	SW	2.0		RCS	PT	1	
B206711	64	37	SW	2.0		RCS	PT	1	
B206711	64	38	SW	2.0		RCS	PT	1	
B206711	64	39	SW	2.0		RCS	PT	1	
B206711	64	40	SW	2.0		RCS	PT	1	
B206711	64	41	SW	2.0		RCS	PT	1	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J

Item Number: B09.40

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206682	16 99	SW	2.0		SIS	PT		
B206682	16 100	SW	2.0		SIS	PT		
B206682	16 101	SW	2.0		SIS	PT		
B206682	16 102	SW	2.0		SIS	PT		
B206682	16 103	SW	2.0		SIS	PT		
B206682	16 104	SW	2.0		SIS	PT		
B206682	16 105	SW	2.0		SIS	PT		
B206682	16 106	SW	2.0		SIS	PT		
B206682	16 107	SW	2.0		SIS	PT		
B206682	16 108	SW	2.0		SIS	PT		
B206682	16 109	SW	2.0		SIS	PT		
B206682	16 110	SW	2.0		SIS	PT		
B206682	16 111	SW	2.0		SIS	PT		
B206682	16 112	SW	2.0		SIS	PT		
B206682	16 112A	SW	2.0		SIS	PT		
B206682	16 113	SW	2.0		SIS	PT		
B206682	16 114	SW	2.0		SIS	PT		
B206682	16 115	SW	2.0		SIS	PT		
B206682	16 116	SW	2.0		SIS	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J	Item Number: B09.40
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206682	16 117	SW	2.0		SIS	PT		
B206682	16 118	SW	2.0		SIS	PT		
B206682	16 119	SW	2.0		SIS	PT		
B206682	16 120	SW	2.0		SIS	PT		
B206682	16 121	SW	2.0		SIS	PT		
B206682	16 122	SW	2.0		SIS	PT		
B206683	16 2	SW	2.0		SIS	PT		
B206683	16 3	SW	2.0		SIS	PT		
B206683	16 3A	SW	2.0		SIS	PT		
B206683	16 3B	SW	2.0		SIS	PT		
B206683	16 4	SW	2.0		SIS	PT		
B206683	16 5	SW	2.0		SIS	PT		
B206683	16 6	SW	2.0		SIS	PT		
B206683	16 7	SW	2.0		SIS	PT		
B206683	16 8	SW	2.0		SIS	PT		
B206683	16 9	SW	2.0		SIS	PT		
B206683	16 10	SW	2.0		SIS	PT		
B206683	16 11	SW	2.0		SIS	PT		
B206683	16 12	SW	2.0		SIS	PT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.40

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206683	16 12A	SW	2.0		SIS	PT		
B206683	16 13	SW	2.0		SIS	PT		
B206683	16 14	SW	2.0		SIS	PT		
B206683	16 15	SW	2.0		SIS	PT		
B206683	16 16	SW	2.0		SIS	PT		
B206683	16 17	SW	2.0		SIS	PT		
B206683	16 18	SW	2.0		SIS	PT		
B206683	16 19	SW	2.0		SIS	PT		
B206683	16 20	SW	2.0		SIS	PT		
B206683	16 40	SW	2.0		SIS	PT		
B206683	16 41	SW	2.0		SIS	PT	1	
B206683	16 42	SW	2.0		SIS	PT		
B206683	16 43	SW	2.0		SIS	PT	1	
B206683	16 43A	SW	2.0		SIS	PT	1	
B206683	16 44	SW	2.0		SIS	PT	1	
B206683	16 45	SW	2.0		SIS	PT		
B206683	16 46	SW	2.0		SIS	PT	1	
B206683	16 47	SW	2.0		SIS	PT	1	
B206683	16 48	SW	2.0		SIS	PT	1	



**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.40

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206683	16 49	SW	2.0		SIS	PT	1	
B206683	16 50	SW	2.0		SIS	PT	1	
B206683	16 51	SW	2.0		SIS	PT	1	
B206683	16 51A	SW	2.0		SIS	PT	1	
B206683	16 52	SW	2.0		SIS	PT		
B206683	16 53	SW	2.0		SIS	PT		
B206683	16 54	SW	2.0		SIS	PT		
B206683	16 55	SW	2.0		SIS	PT		
B206683	16 56	SW	2.0		SIS	PT		
B206683	16 57	SW	2.0		SIS	PT		
B206683	16 58	SW	2.0		SIS	PT		
B206683	16 59	SW	2.0		SIS	PT		
B206683	16 60	SW	2.0		SIS	PT		
B206683	16 61	SW	2.0		SIS	PT		
B206683	16 62	SW	2.0		SIS	PT		
B206683	16 63	SW	2.0		SIS	PT		
B206683	16 64	SW	2.0		SIS	PT		
B206683	16 65	SW	2.0		SIS	PT		
B206683	16 66	SW	2.0		SIS	PT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-J      Item Number: B09.40

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206683	16 67	SW	2.0		SIS	PT		
B206683	16 68	SW	2.0		SIS	PT		
B206683	16 69	SW	2.0		SIS	PT		
B206683	16 70	SW	2.0		SIS	PT		
B206683	16 71	SW	2.0		SIS	PT		
B206683	16 72	SW	2.0		SIS	PT		
B206683	16 73	SW	2.0		SIS	PT		
B206683	16 74	SW	2.0		SIS	PT		
B206683	16 75	SW	2.0		SIS	PT		
B206683	16 76	SW	2.0		SIS	PT		
B206683	16 77	SW	2.0		SIS	PT		
B206683	16 78	SW	2.0		SIS	PT		
B206683	16 79	SW	2.0		SIS	PT		
B206700	56 90	SW	2.0		SIS	PT		
B206700	56 91	SW	2.0		SIS	PT	1	
B206701	56 48	SW	2.0		SIS	PT		
B206701	56 49	SW	2.0		SIS	PT		
B206701	56 50	SW	2.0		SIS	PT		
B206701	56 51	SW	2.0		SIS	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.40

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206702	56 2	SW	2.0		SIS	PT	2	
B206702	56 3	SW	2.0		SIS	PT	2	
B206702	56 4	SW	2.0		SIS	PT	2	
B206702	56 5	SW	2.0		SIS	PT	2	
B206702	56 6	SW	2.0		SIS	PT	2	
B206702	56 7	SW	2.0		SIS	PT	2	
B206702	56 8	SW	2.0		SIS	PT		
B206702	56 9	SW	2.0		SIS	PT		
B206702	56 10	SW	2.0		SIS	PT	2	
B206702	56 11	SW	2.0		SIS	PT	2	
B206702	56 12	SW	2.0		SIS	PT	2	
B206702	56 13	SW	2.0		SIS	PT	2	
B206702	56 14	SW	2.0		SIS	PT		
B206702	56 15	SW	2.0		SIS	PT		
B206702	56 16	SW	2.0		SIS	PT		
B206702	56 17	SW	2.0		SIS	PT		
B206702	56 18	SW	2.0		SIS	PT		
B206702	56 19	SW	2.0		SIS	PT		
B206702	56 20	SW	2.0		SIS	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-J      Item Number: B09.40

System: SIS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206702	56	21	SW	2.0		SIS	PT		
B206702	56	22	SW	2.0		SIS	PT	1	
B206702	56	23	SW	2.0		SIS	PT	1	
B206702	56	24	SW	2.0		SIS	PT	1	
B206702	56	24.1	SW	2.0		SIS	PT	1	
B206702	56	24.2	SW	2.0		SIS	PT	1	
B206702	56	25	SW	2.0		SIS	PT	1	
B206702	56	26	SW	2.0		SIS	PT	1	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-M-2	Item Number: B12.10
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCPC 21 1	CW			RCS	VT1		
A206923	RCPC 21 2	CW			RCS	VT1		
A206923	RCPC 21 3	CW			RCS	VT1		
A206923	RCPC 22 1	CW			RCS	VT1		
A206923	RCPC 22 2	CW			RCS	VT1		
A206923	RCPC 22 3	CW			RCS	VT1		
A206923	RCPC 23 1	CW			RCS	VT1	3	
A206923	RCPC 23 2	CW			RCS	VT1	3	
A206923	RCPC 23 3	CW			RCS	VT1	3	
A206923	RCPC 24 1	CW			RCS	VT1		
A206923	RCPC 24 2	CW			RCS	VT1		
A206923	RCPC 24 3	CW			RCS	VT1		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-M-2	Item Number: B12.20
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206923	RCP 21	INTERIOR			RCS	VT3		
A206923	RCP 22	INTERIOR			RCS	VT3		
A206923	RCP 23	INTERIOR			RCS	VT3	3	
A206923	RCP 24	INTERIOR			RCS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-M-2	Item Number: B12.50
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System: RHR
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206669	10 730	V INT	14.0		RHR	VT3		
B206669	10 731	V INT	14.0		RHR	VT3	2	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: B-M-2      Item Number: B12.50

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206901	350 895D	V INT	10.0		SIS	VT3		
B206901	350 897D	V INT	10.0		SIS	VT3		
B206903	351 895A	V INT	10.0		SIS	VT3	2	
B206903	351 897A	V INT	10.0		SIS	VT3	3	
B206904	352 895B	V INT	10.0		SIS	VT3		
B206904	352 897B	V INT	10.0		SIS	VT3		
B206905	353 895C	V INT	10.0		SIS	VT3		
B206905	353 897C	V INT	10.0		SIS	VT3		
B206906	355 838A	V INT	Z 6.0		SIS	VT3	1	
B206907	356 838B	V INT	Z 6.0		SIS	VT3		
B206908	358 838C	V INT	Z 6.0		SIS	VT3		
B206910	361 838D	V INT	6.0		SIS	VT3		



TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-N-1      Item Number: B13.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RV INT	VESSEL INTER			RCS	VT3	123	

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-N-2      Item Number: B13.60

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RV ATT	VESSEL ATTACH			RCS	VT3	3	

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-N-2      Item Number: B13.70

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	RV CS	CORE SUPPORT			RCS	VT3	3	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-0      Item Number: B14.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	CRDPA 5	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPA 7	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPA 9	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPA11	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPB 4	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPB12	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPC 3	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPC13	CRDM	4.5"	.688	RCS	PT UT	3	
A206913	CRDPD 2	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPD14	CRDM	4.5"	.688	RCS	PT UT	3	
A206913	CRDPE 1	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPE15	CRDM	4.5"	.688	RCS	PT UT	3	
A206913	CRDPG 1	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPG15	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPJ 1	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPJ15	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPL 1	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPL15	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPM 2	CRDM	4.5"	.688	RCS	PT UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: B-O	Item Number: B14.10
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206913	CRDPM14	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPN 3	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPN13	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPP 4	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPP12	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPR 5	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPR 7	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPR 9	CRDM	4.5"	.688	RCS	PT UT		
A206913	CRDPR11	CRDM	4.5"	.688	RCS	PT UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-A      Item Number: C01.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206914	SGC 21- 3	CW	13'10	3.625	RCS	UT	3	
A206914	SGC 21- 4	CW	10'9"	IPP 32	RCS	UT	123	
A206914	SGC 21- 6	CW	10'9"	IPP 32	RCS	UT	123	
A206915	SGC 22- 3	CW	13'10	IPP 32	RCS	UT		
A206915	SGC 22- 4	CW	10'9"	2.625	RCS	UT		
A206915	SGC 22- 6	CW	10'9"	IPP 32	RCS	UT		
A206916	SGC 23- 3	CW	13'10	3.625	RCS	UT		
A206916	SGC 23- 4	CW	10'9"	2.625	RCS	UT		
A206916	SGC 23- 6	CW	10'9"	IPP 32	RCS	UT		
A206917	SGC 24- 3	CW	13'10	3.625	RCS	UT		
A206917	SGC 24- 4	CW	10'9"	2.625	RCS	UT		
A206917	SGC 24- 6	CW	10'9"	IPP 32	RCS	UT		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-A      Item Number: C01.10

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206919	RHX C21-1	SHELL-FLANGE	34.5"	.75	RHR	VT2		R16
A206919	RHX C22-1	SHELL-FLANGE	34.5"	.75	RHR	VT2	123	R16

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-A	Item Number: C01.20
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206914	SGC 21- 1	CW HD-SHELL	13'10	IPP 32	RCS	UT	123	
A206915	SGC 22- 1	CW HD-SHELL	13'10	3.5	RCS	UT		
A206916	SGC 23- 1	CW HD-SHELL	13'10	3.5	RCS	UT		
A206917	SGC 24- 1	CW HD-SHELL	13'10	3.5	RCS	UT		



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-A	Item Number: C01.20
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System: RHR
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206919	RHX C21-2	CW HD-SHELL	34.5"	.75	RHR	VT2		R16
A206919	RHX C22-2	CW HD-SHELL	34.5"	.75	RHR	VT2	123	R16

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-A      Item Number: C01.30

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206914	SGC 21- 7	CW TS-SHELL	10'9	IPP 32	RCS	UT	123	
A206915	SGC 22- 7	CW TS-SHELL	10'9	IPP 32	RCS	UT		
A206916	SGC 23- 7	CW TS-SHELL	10'9	IPP 32	RCS	UT		
A206917	SGC 24- 7	CW TS-SHELL	10'9	IPP 32	RCS	UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-B      Item Number: C02.21

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206914	SGN 21- 1	NOZ-SHELL MS	53"	IPP 32	RCS	MT+UT	1	
A206914	SGN 21- 2	NOZ-SHELL FW	38"	3.5	RCS	MT+UT	2	
A206915	SGN 22- 1	NOZ-SHELL MS	53"	3.5	RCS	MT+UT		
A206915	SGN 22- 2	NOZ-SHELL FW	38"	3.5	RCS	MT+UT		
A206916	SGN 23- 1	NOZ-SHELL MS	53"	3.5	RCS	MT+UT		
A206916	SGN 23- 2	NOZ-SHELL FW	38"	3.5	RCS	MT+UT		
A206917	SGN 24- 1	NOZ-SHELL MS	53"	3.5	RCS	MT+UT		
A206917	SGN 24- 2	NOZ-SHELL FW	38"	3.5	RCS	MT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-B      Item Number: C02.22

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206914	SGN 21- 1	IN NOZ MS			RCS	VT2	123	R25
A206914	SGN 21- 2	IN NOZ FW			RCS	VT2+MT	123	R25
A206915	SGN 22- 1	IN NOZ MS			RCS	VT2		R25
A206915	SGN 22- 2	IN NOZ FW			RCS	VT2+MT		R25
A206916	SGN 23- 1	IN NOZ MS			RCS	VT2		R25
A206916	SGN 23- 2	IN NOZ FW			RCS	VT2+MT		R25
A206917	SGN 24- 1	IN NOZ MS			RCS	VT2		R25
A206917	SGN 24- 2	IN NOZ FW			RCS	VT2+MT		R25

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-B	Item Number: C02.31
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System: RHR
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206919	RHX N21-1A	NOZ-PLATE	8	.5	RHR	VT2		R16
A206919	RHX N21-1B	PLATE-SHELL	8	.5	RHR	VT2		R16
A206919	RHX N21-2A	NOZ-PLATE	8	.5	RHR	VT2		R16
A206919	RHX N21-2B	PLATE-SHELL	8	.5	RHR	VT2		R16
A206919	RHX N22-1A	NOZ-PLATE	8	.5	RHR	VT2	123	R16
A206919	RHX N22-1B	PLATE-SHELL	8	.5	RHR	VT2	123	R16
A206919	RHX N22-2A	NOZ-PLATE	8	.5	RHR	VT2	123	R16
A206919	RHX N22-2B	PLATE-SHELL	8	.5	RHR	VT2	123	R16

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-B      Item Number: C02.33

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206919	RHX N21-1	NOZ SHELL	8	.5	RHR	VT2		R16
A206919	RHX N21-2	NOZ SHELL	8	.5	RHR	VT2		R16
A206919	RHX N22-1	NOZ SHELL	8	.5	RHR	VT2	123	R16
A206919	RHX N22-2	NOZ SHELL	8	.5	RHR	VT2	123	R16

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-C	Item Number: C03.10
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System: RHR
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206919	RHX 21ISWA	IW		.75	RHR	VT2		R16
A206919	RHX 21ISWB	IW		.75	RHR	VT2		R16
A206919	RHX 22ISWA	IW		.75	RHR	VT2	123	R16
A206919	RHX 22ISWB	IW		.75	RHR	VT2	123	R16

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-C      Item Number: C03.20

System: ACS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206667	9 O	HW ACH 105		.875	ACS	PT	2	
B206668	9 J	IW PEN J		1.375	ACS	MT		
B206668-7	9 I	IW PEN J		1.375	ACS	MT		



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-C	Item Number: C03.20
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System: BFD
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206663	5 A	IW BFDR19		1.5	BFD	MT	2	
B206663	5 B	IW HBF 2		1.0	BFD	MT		
B206663	5 D	IW HBF 19		.750	BFD	MT		
B206663	5 E	IW PR 5		2.0	BFD	MT		
B206663	5 F	IW HBF 18		.750	BFD	MT		
B206663	5 G	IW PR 4		2.0	BFD	MT	3	
B206663	5 H	IW HBF 17		.750	BFD	MT		
B206663	5 I	IW HBF 9		1.0	BFD	MT		
B206663	5 J	IW RESTRAINT		.750	BFD	MT		
B206663	5 K	IW PEN F		2.5	BFD	MT		
B206663	5 L	IW PEN F		2.5	BFD	MT		
B206663	5 M	IW BFDR 2		.750	BFD	MT		
B206663	5 MO	IW BFDR 8		???	BFD	MT		
B206663	5 N	IW BFD 45		1.00	BFD	MT		
B206664	6 A	IW HBF 1		1.0	BFD	MT		
B206664	6 C	IW HBF 19		.750	BFD	MT		
B206664	6 D	IW PR 5		2.0	BFD	MT		
B206664	6 E	IW HBF 18		.750	BFD	MT		
B206664	6 F	IW PR 4		2.0	BFD	MT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-C      Item Number: C03.20

System: BFD

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206664	6 G	IW HBF 17		.750	BFD	MT		
B206664	6 H	IW HBF 10		1.0	BFD	MT		
B206664	6 I	IW RESTRAINT		.750	BFD	MT		
B206664	6 J	IW PEN E		2.5	BFD	MT		
B206664	6 K	IW PEN E		2.5	BFD	MT		
B206664	6 L	IW BFDR 1		.750	BFD	MT		
B206664	6 M	IW BFDR 7		1.0	BFD	MT		
B206664	6 N	IW BFDR 5		2.0	BFD	MT	3	
B206664	6 O	IW BFD 46		???	BFD	MT		
B206665	7 A	IW PR 18		1.5	BFD	MT	2	
B206665	7 B	IW HBF 3		1.0	BFD	MT		
B206665	7 C	IW R 51		1.0	BFD	MT		
B206665	7 D	IW PR 1		2.0	BFD	MT		
B206665	7 E	IW HBF 14		.750	BFD	MT		
B206665	7 F	IW PR 2		2.0	BFD	MT		
B206665	7 G	IW HBF 15		.750	BFD	MT		
B206665	7 H	IW PR 3		2.0	BFD	MT		
B206665	7 I	IW HBF 16		.750	BFD	MT		
B206665	7 J	IW HBF 11		1.0	BFD	MT		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-C      Item Number: C03.20

System: BFD

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206665	7 K	IW RESTRAINT		.750	BFD	MT		
B206665	7 L	IW PEN H		2.5	BFD	MT		
B206665	7 M	IW PEN H		2.5	BFD	MT		
B206665	7 N	IW BFDR 4		.750	BFD	MT		
B206665	7 O	IW BFDR10		1.0	BFD	MT		
B206665	7 P	IW BFDR 6		2.0	BFD	MT	1	
B206665	7 Q	IW BFD 43		1.0	BFD	MT		
B206666	8 A	IW HBF 4		1.0	BFD	MT		
B206666	8 C	IW HBF 13		.750	BFD	MT		
B206666	8 D	IW PR 1		2.0	BFD	MT		
B206666	8 E	IW HBF 14		.750	BFD	MT		
B206666	8 F	IW PR 2		2.0	BFD	MT		
B206666	8 G	IW HBF 15		.750	BFD	MT		
B206666	8 H	IW PR 3		2.0	BFD	MT		
B206666	8 I	IW HBF 16		.750	BFD	MT		
B206666	8 J	IW HBF 12		1.0	BFD	MT		
B206666	8 J1	IW RESTRAINT		.750	BFD	MT		
B206666	8 K	IW PEN G		2.5	BFD	MT		
B206666	8 L	IW PEN G		2.5	BFD	MT		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-C      Item Number: C03.20

System: BFD

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206666	8 M	IW BFDR 3		.750	BFD	MT		
B206666	8 N	IW BFDR 9		1.0	BFD	MT		
B206666	8 O	IW BFD 44		1.0	BFD	MT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-C      Item Number: C03.20

System: MS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206655	1 E	IW PR 11		2.000	MS	MT		
B206655	1 F	IW HMS 2		1.250	MS	MT		
B206655	1 G	IW HMS 16		1.0	MS	MT		
B206655	1 H	IW HMS 15		1.0	MS	MT		
B206655	1 I	IW PR 5		2.0	MS	MT	2	
B206655	1 J	IW HMS 14		1.0	MS	MT		
B206655	1 K	IW PR 4		2.0	MS	MT		
B206655	1 L	IW HMS 13		1.0	MS	MT		
B206655	1 M	IW HMS 6		1.0	MS	MT		
B206655	1 N	IW RESTRAINT		1.0	MS	MT		
B206655	1 O	IW PEN A		2.5	MS	MT		
B206656	1 P	IW PEN A		2.5	MS	MT		
B206656	1 Q	IW MSR 22		1.0	MS	MT		
B206656	1 R	IW MSR 28		1.0	MS	MT		
B206656	1 S	IW MSR 7		1.0	MS	MT		
B206656	1 T	IW MSR 8		1.0	MS	MT		
B206656	1 U	IW MSR 18		1.128	MS	MT	2	
B206656	1 V	IW MSR 30		1.0	MS	MT		
B206656	1 W	IW MSR 12		1.0	MS	MT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-C      Item Number: C03.20

System: MS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206657	2 C	IW HMS 1		1.25	MS	MT		
B206657	2 D	IW PR 32		???	MS	MT		
B206657	2 E	IW HMS 15		1.0	MS	MT		
B206657	2 F	IW PR 5		2.0	MS	MT		
B206657	2 G	IW HMS 14		1.0	MS	MT		
B206657	2 H	IW PR 4		2.0	MS	MT		
B206657	2 I	IW HMS 13		1.0	MS	MT		
B206657	2 J	IW HMS 5		1.00	MS	MT		3
B206657	2 K	IW RESTRAINT		1.0	MS	MT		3
B206657	2 L	IW PEN B		2.5	MS	MT		
B206658	2 M	IW PEN B		2.5	MS	MT		
B206658	2 N	IW MSR 21		1.00	MS	MT		
B206658	2 O	IW MSR 27		1.00	MS	MT		
B206658	2 P	IW MSR 362		4.00	MS	MT		
B206658	2 Q	IW MSR 16		1.128	MS	MT		
B206658	2 R	IW MSR 24		1.00	MS	MT		
B206658	2 S	IW MSR 13		1.00	MS	MT		
B206658	2 T	IW MSR 3		1.00	MS	MT		
B206658	2 U	IW MSR 4		1.00	MS	MT		3

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-C      Item Number: C03.20

System: MS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206658	2 V	IW MSR 17		1.128	MS	MT		
B206658	2 W	IW MSR 29		1.00	MS	MT		
B206658	2 X	IW MSR 11		1.00	MS	MT		
B206659	3 E	IW PR 16		2.00	MS	MT		
B206659	3 F	IW HMS 3		1.0	MS	MT		
B206659	3 G	IW HMS 12		1.0	MS	MT		
B206659	3 H	IW PR 1		2.0	MS	MT		
B206659	3 I	IW HMS 11		1.00	MS	MT		
B206659	3 J	IW PR 2		2.0	MS	MT		
B206659	3 K	IW HMS 10		1.00	MS	MT		
B206659	3 L	IW PR 3		2.0	MS	MT		
B206659	3 M	IW HMS 9		1.0	MS	MT		
B206659	3 N	IW HMS 8		1.0	MS	MT		
B206659	3 O	IW RESTRAINT		1.0	MS	MT		
B206659	3 P	IW PEN C		2.5	MS	MT		
B206660	3 Q	IW PEN C		2.5	MS	MT		
B206660	3 R	IW MSR 20		1.0	MS	MT		
B206660	3 S	IW MSR 26		1.0	MS	MT		1
B206660	3 T	IW MS 372		4.0	MS	MT		1

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-C	Item Number: C03.20
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System: MS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206660	3 U	IW MSR 15		1.128	MS	MT		
B206660	3 V	IW MSR 23		1.0	MS	MT		
B206660	3 W	IW MSR 14		1.0	MS	MT		
B206660	3 X	IW MSR 2		1.0	MS	MT		
B206660	3 Y	IW MSR 1		1.0	MS	MT		
B206660	3 Z	IW MSR 9		1.0	MS	MT		
B206661	4 A	IW PR 14		2.0	MS	MT		
B206661	4 C	IW HMS 4		1.25	MS	MT		
B206661	4 D	IW HMS 19		1.0	MS	MT		
B206661	4 E	IW HMS 12		1.0	MS	MT		
B206661	4 F	IW PR 1		2.0	MS	MT		
B206661	4 G	IW HMS 11		1.0	MS	MT		
B206661	4 H	IW PR 2		2.0	MS	MT		
B206661	4 I	IW HMS 10		1.0	MS	MT		
B206661	4 J	IW PR 3		2.0	MS	MT		
B206661	4 K	IW HMS 9		1.0	MS	MT		
B206661	4 L	IW HMS 7		1.0	MS	MT		
B206661	4 M	IW RESTRAINT		1.0	MS	MT		
B206661	4 N	IW PEN D		2.5	MS	MT		



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-C	Item Number: C03.20
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System: MS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206662	4 O	IW PEN D		2.5	MS	MT		
B206662	4 P	IW MSR 19		1.0	MS	MT		
B206662	4 Q	IW MSR 25		1.0	MS	MT		
B206662	4 R	IW MSR 6		1.0	MS	MT		
B206662	4 S	IW MSR 5		1.0	MS	MT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-C	Item Number: C03.20
System: RHR	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206670-4	10 C	PW PEN K	14.0	1.375	RHR	PT		
A206670-4	10 D	SW ACH 101	14.0	???	RHR	PT		
A206670-4	10 G	HW ACH 102	14.0	.750	RHR	PT	1	
A206670-4	10 I	HW ACH 71	14.0	.750	RHR	PT		
A206670-4	10 J	RW SR 65	14.0	.500	RHR	PT		
B206669-4	10 B	PW PEN K	14.0	1.375	RHR	PT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-C	Item Number: C03.20
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206703	57 A	RW		0.75	SIS	PT		
B206704	60 C	P PEN QQ		1.375	SIS	PT		
B206705	60 D	P PEN QQ		1.375	SIS	PT		
B206730	293 A	W SIH 226		???	SIS	PT		
B206909	361 B	SW SIH 222		.75	SIS	PT	1	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11

System: ACS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206667	9 47	CW TE	12.0	.375	ACS	PT+UT		
A206667	9 48	CW	12.0	.375	ACS	PT+UT		
A206667	9 49	CW	12.0	.375	ACS	PT+UT		
A206667	9 50	CW	12.0	.375	ACS	PT+UT		
A206667	9 51	CW	12.0	.375	ACS	PT+UT		
A206667	9 52	CW	12.0	.375	ACS	PT+UT		
A206667	9 53	CW	12.0	.375	ACS	PT+UT		
A206667	9 54	CW	12.0	.375	ACS	PT+UT		
A206667	9 54.1	CW	12.0	.375	ACS	PT+UT	2	
A206667	9 55	CW	12.0	.375	ACS	PT+UT		
A206667	9 56	CW	12.0	.375	ACS	PT+UT		
A206667	9 57	CW	12.0	.375	ACS	PT+UT		
A206667	9 58	CW	12.0	.375	ACS	PT+UT		
A206667	9 59	CW	12.0	.375	ACS	PT+UT		
A206667	9 60	CW	12.0	.375	ACS	PT+UT	3	
A206667	9 61	CW	12.0	.375	ACS	PT+UT		
A206667	9 62	CW	12.0	.375	ACS	PT+UT		
A206667	9 63	CW	12.0	.375	ACS	PT+UT		
A206667	9 64	CW	12.0	.375	ACS	PT+UT	1	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11

System: ACS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206667	9 65	CW	12.0	.375	ACS	PT+UT		
A206667	9 66	CW	12.0	.375	ACS	PT+UT		
A206667	9 67	CW	12.0	.375	ACS	PT+UT		
A206667	9 68	CW	12.0	.375	ACS	PT+UT		
A206667	9 69	CW	12.0	.375	ACS	PT+UT		
A206667	9 70	CW	12.0	.375	ACS	PT+UT		
B206668	9 9	CW	Y 12.0	.375	ACS	PT+UT		
B206668	9 9.1	CW	Y 12.0	.375	ACS	PT+UT		
B206668	9 18	CW	Y 12.0	.375	ACS	PT+UT		
B206668	9 18.1	CW	Y 12.0	.375	ACS	PT+UT		
B206668	9 19	CW	12.0	.375	ACS	PT+UT		
B206668	9 20	CW	12.0	.375	ACS	PT+UT		
B206668	9 21	CW	12.0	.375	ACS	PT+UT		
B206668	9 22	CW	12.0	.375	ACS	PT+UT		
B206668	9 23	CW	12.0	.375	ACS	PT+UT		
B206668	9 24	CW	12.0	.375	ACS	PT+UT		
B206668	9 25	CW	12.0	.375	ACS	PT+UT		
B206668	9 25.1	CW	12.0	.375	ACS	PT+UT		
B206668	9 26	CW	12.0	.375	ACS	PT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11

System: ACS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206668	9 26.1	CW	12.0	.375	ACS	PT+UT		
B206668	9 27	CW	12.0	.375	ACS	PT+UT		
B206668	9 28	CW	12.0	.375	ACS	PT+UT	1	
B206668	9 29	CW	12.0	.375	ACS	PT+UT		
B206668	9 30	CW	12.0	.375	ACS	PT+UT	1	
B206668	9 31	CW	12.0	.375	ACS	PT+UT		
B206668	9 32	CW	12.0	.375	ACS	PT+UT		
B206668	9 33	CW	12.0	.375	ACS	PT+UT		
B206668	9 34	CW	12.0	.375	ACS	PT+UT		
B206668	9 35	CW	12.0	.375	ACS	PT+UT		
B206668	9 35A	CW	12.0	.375	ACS	PT+UT		
B206668	9 36	CW	12.0	.375	ACS	PT+UT		
B206668	9 37	CW	12.0	.375	ACS	PT+UT	2	
B206668	9 38	CW	12.0	.375	ACS	PT+UT		
B206668	9 39	CW	12.0	.375	ACS	PT+UT		
B206668	9 40	CW	12.0	.375	ACS	PT+UT		
B206668	9 41	CW	12.0	.375	ACS	PT+UT	3	
B206668	9 41A	CW	12.0	.375	ACS	PT+UT		
B206668	9 41B	CW	12.0	.375	ACS	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11

System: ACS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206668	9 41C	CW	12.0	.375	ACS	PT+UT		
B206668	9 41D	CW	12.0	.375	ACS	PT+UT	1	
B206668	9 42	CW	12.0	.375	ACS	PT+UT		
B206668	9 43	CW	12.0	.375	ACS	PT+UT	3	
B206668	9 44	CW	12.0	.375	ACS	PT+UT		
B206668	9 45	CW	12.0	.375	ACS	PT+UT	2	
B206668	9 46	CW TE	12.0	.375	ACS	PT+UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206681	16 153	CW	6.0	.432	HIS	PT+UT	1	
B206681	16 154	CW	6.0	.432	HIS	PT+UT		
B206681	16 155	CW	6.0	.432	HIS	PT+UT		
B206681	16 156	CW	6.0	.432	HIS	PT+UT		
B206681	16 157	CW	6.0	.432	HIS	PT+UT		
B206681	16 158	CW	6.0	.432	HIS	PT+UT		
B206681	16 159	CW	6.0	.432	HIS	PT+UT		
B206681	16 160	CW	6.0	.432	HIS	PT+UT		
B206681	16 161	CW	6.0	.432	HIS	PT+UT		
B206681	16 162	CW	6.0	.432	HIS	PT+UT		
B206681	16 163	CW	6.0	.432	HIS	PT+UT		
B206681	16 164	CW	6.0	.432	HIS	PT+UT		
B206681	16 165	CW	6.0	.432	HIS	PT+UT		
B206681	16 166	CW	6.0	.432	HIS	PT+UT		
B206681	16 167	CW	6.0	.432	HIS	PT+UT		
B206681	16 168	CW	6.0	.432	HIS	PT+UT		
B206681-6	16 169	CW	6.0	.432	HIS	PT+UT		
B206681	16 170	CW	6.0	.432	HIS	PT+UT		
B206681	16 171	CW	6.0	.432	HIS	PT+UT		



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206681	16 172	CW	6.0	.432	HIS	PT+UT		
B206681	16 173	CW	6.0	.432	HIS	PT+UT	2	
B206682	16 137	CW	6.0	.432	HIS	PT+UT		
B206682	16 139.1	CW	6.0	.432	HIS	PT+UT		
B206682	16 140	CW	6.0	.432	HIS	PT+UT		
B206682	16 141	CW	6.0	.432	HIS	PT+UT		
B206682	16 142	CW	6.0	.432	HIS	PT+UT		
B206682	16 143	CW	6.0	.432	HIS	PT+UT	2	
B206682	16 144	CW	6.0	.432	HIS	PT+UT		
B206682	16 145	CW	6.0	.432	HIS	PT+UT		
B206682	16 146	CW	6.0	.432	HIS	PT+UT		
B206682	16 147	CW	6.0	.432	HIS	PT+UT		
B206682	16 148	CW	6.0	.432	HIS	PT+UT		
B206682	16 149	CW	6.0	.432	HIS	PT+UT		
B206682	16 150	CW	6.0	.432	HIS	PT+UT		
B206682	16 151	CW	6.0	.432	HIS	PT+UT		
B206682	16 152	CW	6.0	.432	HIS	PT+UT		
B206698	56 146	CW	6.0	.432	HIS	PT+UT		
B206698	56 147	CW	6.0	.432	HIS	PT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206698	56 148	CW	6.0	.432	HIS	PT+UT		
B206698	56 149	CW	6.0	.432	HIS	PT+UT		
B206698	56 150	CW	6.0	.432	HIS	PT+UT		
B206698	56 151	CW	6.0	.432	HIS	PT+UT		
B206698	56 152	CW	6.0	.432	HIS	PT+UT		
B206698	56 153	CW	6.0	.432	HIS	PT+UT		
B206698	56 154	CW	6.0	.432	HIS	PT+UT		
B206698	56 155	CW	6.0	.432	HIS	PT+UT		
B206698	56 156	CW	6.0	.432	HIS	PT+UT		
B206698	56 157	CW	6.0	.432	HIS	PT+UT		
B206698	56 158	CW	6.0	.432	HIS	PT+UT		
B206698	56 159	CW	6.0	.432	HIS	PT+UT		
B206698	56 160	CW	6.0	.432	HIS	PT+UT		
B206698	56 161	CW	6.0	.432	HIS	PT+UT	3	
B206698	56 162	CW	6.0	.432	HIS	PT+UT		
B206699	56 46	CW	6.0	.432	HIS	PT+UT		
B206699	56 135	CW	6.0	.432	HIS	PT+UT		
B206699	56 136	CW	6.0	.432	HIS	PT+UT		
B206699	56 137	CW	6.0	.432	HIS	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1	Item Number: C05.11
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System: HIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206699	56 138	CW	6.0	.432	HIS	PT+UT		
B206699	56 139	CW	6.0	.432	HIS	PT+UT	3	
B206699	56 140	CW	6.0	.432	HIS	PT+UT		
B206699	56 141	CW	6.0	.432	HIS	PT+UT		
B206699	56 142	CW	6.0	.432	HIS	PT+UT		
B206699	56 143	CW	6.0	.432	HIS	PT+UT		
B206699	56 144	CW	6.0	.432	HIS	PT+UT		
B206699	56 145	CW	6.0	.432	HIS	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206670-4	10 23	CW TE	14.0	.437	RHR	PT+UT		
A206670-4	10 24	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 25	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 26	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 27	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 28	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 29	CW	14.0	.437	RHR	PT+UT	1	
A206670-4	10 30	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 31	CW	14.0	.437	RHR	PT+UT	3	
A206670-4	10 32	CW	14.0	.437	RHR	PT+UT	3	
A206670-4	10 33	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 34	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 35	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 36	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 37	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 38	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 39	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 40	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 41	CW	14.0	.437	RHR	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206670-4	10 42	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 43	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 44	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 45	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 46	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 47	CW      Y	14.0	.437	RHR	PT+UT		
A206670-4	10 48	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 49	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 50	CW	14.0	.437	RHR	PT+UT		
A206670-4	10 51	CW      Y	14.0	.437	RHR	PT+UT		
A206670-4	10 57	CW      Y	14.0	.437	RHR	PT+UT		
A206670-4	10 58	CW      Y	14.0	.437	RHR	PT+UT		
A206670-4	10 59	CW TE      Y	14.0	.437	RHR	PT+UT		
A206670-4	10 60	CW      Y	14.0	.437	RHR	PT+UT		
A206670-4	10 61	CW      Y	14.0	.437	RHR	PT+UT		
A206670-4	10 62	CW      Y	14.0	.437	RHR	PT+UT		
A206670-4	10 68	CW      Y	14.0	.437	RHR	PT+UT		
A206670-4	10 69	CW      Y	14.0	.437	RHR	PT+UT		
A206670-4	10 70	CW TE      Y	14.0	.437	RHR	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11

System: RHR

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206669-6	10	20	CW	14.0	.437	RHR	PT+UT		
B206669	10	21	CW	14.0	.437	RHR	PT+UT		
B206669	10	22	CW TE	14.0	.437	RHR	PT+UT	2	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11

System: SIS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206703	57	7	CW	14.0	.437	SIS	PT+UT		
B206703	57	8	CW	14.0	.437	SIS	PT+UT		
B206703	57	9	CW	14.0	.437	SIS	PT+UT	1	
B206703	57	10	CW	14.0	.437	SIS	PT+UT	1	
B206703	57	11	CW	14.0	.437	SIS	PT+UT	1	
B206703	57	12	CW TE	14.0	.437	SIS	PT+UT		
B206724	155	3	CW	14.0	.438	SIS	PT+UT		
B206724	155	4	CW	14.0	.438	SIS	PT+UT		
B206724	155	5	CW	14.0	.438	SIS	PT+UT		
B206725	155	52	CW	12.0	.375	SIS	PT+UT		
B206725	155	53	CW	12.0	.375	SIS	PT+UT		
B206725	155	54	CW	12.0	.375	SIS	PT+UT		
B206725	155	55	CW	12.0	.375	SIS	PT+UT	1	
B206725	155	56	CW	12.0	.375	SIS	PT+UT	1	
B206725	155	57	CW	12.0	.375	SIS	PT+UT		
B206725	155	39	CW	12.0	.375	SIS	PT+UT		
B206725	155	40	CW	12.0	.375	SIS	PT+UT		
B206725	155	41	CW	12.0	.375	SIS	PT+UT		
B206725	155	42	CW	12.0	.375	SIS	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1	Item Number: C05.11
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206725	155 43	CW	12.0	.375	SIS	PT+UT		
B206725	155 44	CW	12.0	.375	SIS	PT+UT		
B206725	155 45	CW	12.0	.375	SIS	PT+UT		
B206725	155 46	CW	12.0	.375	SIS	PT+UT		
B206725	155 47	CW	12.0	.375	SIS	PT+UT		
B206725	155 48	CW	12.0	.375	SIS	PT+UT		
B206725	155 49	CW	12.0	.375	SIS	PT+UT		
B206725	155 50	CW	12.0	.375	SIS	PT+UT		
B206725	155 51	CW	12.0	.375	SIS	PT+UT		
B206730	293 1	CW	12.0	.406	SIS	PT+UT		
B206730	293 7	CW	12.0	.406	SIS	PT+UT		
B206906	355 3	CW	Z 6.0	.719	SIS	PT+UT		
B206906	355 4	CW	Z 6.0	.719	SIS	PT+UT		
B206906	355 5	CW	Z 6.0	.719	SIS	PT+UT		
B206906	355 5A	CW	Z 6.0	.719	SIS	PT+UT		
B206906	355 6	CW	Z 6.0	.719	SIS	PT+UT	3	
B206906	355 6A	CW	Z 6.0	.719	SIS	PT+UT		
B206906	355 7	CW	Z 6.0	.719	SIS	PT+UT	3	
B206906	355 8	CW	Z 6.0	.719	SIS	PT+UT	3	



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.11
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206907	356 1	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 2	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 3	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 4	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 5	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 6	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 7	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 8	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 9	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 10	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 11	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 12	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 13	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 13A	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 14	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 15	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 16	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 17	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 18	CW	Z 6.0	.719	SIS	PT+UT		

TABLE 6.5-1  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.11
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206907	356 19	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 19A	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 20	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 20A	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 20B	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 21	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 22	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 23	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 24	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 25	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 26	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 27	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 28	CW	Z 6.0	.719	SIS	PT+UT		
B206907	356 29	CW	Z 6.0	.719	SIS	PT+UT		
B206908	358 1	CW	Z 6.0	.719	SIS	PT+UT		2
B206908	358 2	CW	Z 6.0	.719	SIS	PT+UT		2
B206908	358 3	CW	Z 6.0	.719	SIS	PT+UT		2
B206908	358 4	CW	Z 6.0	.719	SIS	PT+UT		2
B206908	358 5	CW	Z 6.0	.719	SIS	PT+UT		2

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206908	358 6	CW	Z 6.0	.719	SIS	PT+UT	2	
B206908	358 7	CW	Z 6.0	.719	SIS	PT+UT		
B206908	358 8	CW	Z 6.0	.719	SIS	PT+UT		
B206909	361 13	CW	Y 8.0	.906	SIS	PT+UT		
B206909	361 14	CW	Y 10.0	1.125	SIS	PT+UT	3	
B206909	361 18	CW	Y 8.0	.906	SIS	PT+UT		
B206909	361 19	CW	Y 8.0	.906	SIS	PT+UT		
B206909	361 20	CW	Y 10.0	1.125	SIS	PT+UT	3	
B206909	361 21	CW	10.0	1.125	SIS	PT+UT		
B206909	361 22	CW	10.0	1.125	SIS	PT+UT		
B206909	361 22A	CW	10.0	1.125	SIS	PT+UT		
B206909	361 23	CW	10.0	1.125	SIS	PT+UT		
B206909	361 24	CW	10.0	1.125	SIS	PT+UT	2	
B206909	361 25	CW	10.0	1.125	SIS	PT+UT	2	
B206909	361 26	CW	10.0	1.125	SIS	PT+UT	1	
B206909	361 27	CW	10.0	1.125	SIS	PT+UT	1	
B206909	361 28	CW	10.0	1.125	SIS	PT+UT		
B206909	361 29	CW	10.0	1.125	SIS	PT+UT		
B206909	361 30	CW	10.0	1.125	SIS	PT+UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.11
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206909	361 31	CW	10.0	1.125	SIS	PT+UT		
B206909	361 32	CW	10.0	1.125	SIS	PT+UT		
B206909	361 33	CW	Z 6.0	.719	SIS	PT+UT	3	
B206909	361 34	CW	Z 6.0	.719	SIS	PT+UT	2	
B206909	361 35	CW	Z 6.0	.719	SIS	PT+UT	2	
B206909	361 37	CW	Z 6.0	.719	SIS	PT+UT	2	
B206909	361 38	CW	Z 6.0	.719	SIS	PT+UT	3	
B206909	361 39	CW	Z 6.0	.719	SIS	PT+UT		
B206909	361 40	CW	Z 6.0	.719	SIS	PT+UT		
B206909	361 41	CW	Z 6.0	.719	SIS	PT+UT		
B206909	361 42	CW	Z 6.0	.719	SIS	PT+UT		
B206909	361 43	CW	Z 6.0	.719	SIS	PT+UT		
B206909	361 44	CW	Z 6.0	.719	SIS	PT+UT		
B206910	361 45	CW	Z 6.0	.719	SIS	PT+UT		
B206910	361 46	CW	Z 6.0	.719	SIS	PT+UT		
B206910	361 47	CW	Z 6.0	.719	SIS	PT+UT	1	
B206910	361 48	CW	Z 6.0	.719	SIS	PT+UT	1	
B206910	361 49	CW	Z 6.0	.719	SIS	PT+UT		
B206910	361 49A	CW	Z 6.0	.719	SIS	PT+UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206910	361 50	CW	Z 6.0	.719	SIS	PT+UT	1	
B206910	361 51	CW	Z 6.0	.719	SIS	PT+UT	1	
B206910	361 52	CW	Z 6.0	.719	SIS	PT+UT		
B206910	361 53	CW	Z 6.0	.719	SIS	PT+UT		
B206910	361 53A	CW	Z 6.0	.719	SIS	PT+UT		
B206910	361 53B	CW	Z 6.0	.719	SIS	PT+UT		
B206910	361 53C	CW	Z 6.0	.719	SIS	PT+UT	3	
B206910	361 54	CW	Z 6.0	.719	SIS	PT+UT		
B206910	361 55	CW	Z 6.0	.719	SIS	PT+UT		
B206910	361 56	CW	Z 6.0	.719	SIS	PT+UT	3	
B206910	361 57	CW	Z 6.0	.719	SIS	PT+UT	3	
B206910	361 58	CW	Z 6.0	.719	SIS	PT+UT	3	
B206910	361 59	CW	Z 6.0	.719	SIS	PT+UT	3	
B206910	361 60	CW	Z 6.0	.719	SIS	PT+UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.11N
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System: ACS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206667	9 71	CW	Y 8.0	.328	ACS			
A206667	9 71.1	CW	Y 8.0	.328	ACS			
A206667	9 72	CW	Y 8.0	.328	ACS			
A206667	9 73	CW	Y 8.0	.328	ACS			
A206667	9 74	CW	Y 8.0	.328	ACS			
A206667	9 75	CW	Y 8.0	.328	ACS			
A206667	9 76	CW	Y 8.0	.328	ACS			
A206667	9 77	CW	Y 8.0	.328	ACS			
A206667	9 78	CW	Y 8.0	.328	ACS			
A206667	9 79	CW	Y 8.0	.328	ACS			
A206667	9 80	CW	Y 8.0	.328	ACS			
A206667	9 81	CW	Y 8.0	.328	ACS			
A206667	9 81.1	CW	Y 8.0	.328	ACS			
A206667	9 82	CW	Y 8.0	.328	ACS			
A206667	9 83	CW	Y 8.0	.328	ACS			
A206667	9 84	CW TE	Y 8.0	.328	ACS			
A206667	9 85	CW	Y 8.0	.328	ACS			
A206667	9 86	CW	Y 8.0	.328	ACS			
A206667	9 87	CW	Y 8.0	.328	ACS			

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: ACS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206667	9 88	CW	Y 8.0	.328	ACS			
A206667	9 89	CW	Y 8.0	.328	ACS			
A206667	9 90	CW	Y 8.0	.328	ACS			
A206667	9 91	CW	Y 8.0	.328	ACS			
A206667	9 92	CW	Y 8.0	.328	ACS			
A206667	9 93	CW	Y 8.0	.328	ACS			
A206667	9 94	CW	Y 8.0	.328	ACS			
A206667	9 95	CW	Y 8.0	.328	ACS			
A206667	9 96	CW	Y 8.0	.328	ACS			
A206667	9 97	CW	Y 8.0	.328	ACS			
A206667	9 98	CW TE	8.0	.328	ACS			
B206668	9 1	CW TE	Y 8.0	.328	ACS			
B206668	9 2	CW	Y 8.0	.328	ACS			
B206668	9 3	CW	Y 8.0	.328	ACS			
B206668	9 4	CW	Y 8.0	.328	ACS			
B206668	9 5	CW	Y 8.0	.328	ACS			
B206668	9 6	CW	Y 8.0	.328	ACS			
B206668	9 7	CW	Y 8.0	.328	ACS			
B206668	9 8	CW	Y 8.0	.328	ACS			

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11N

System: ACS

Drawing	Identity		Description		Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206668	9	10	CW TE	Y	8.0	.328	ACS			
B206668	9	11	CW	Y	8.0	.328	ACS			
B206668	9	12	CW	Y	8.0	.328	ACS			
B206668	9	13	CW	Y	8.0	.328	ACS			
B206668	9	14	CW	Y	8.0	.328	ACS			
B206668	9	15	CW	Y	8.0	.328	ACS			
B206668	9	16	CW	Y	8.0	.328	ACS			
B206668	9	17	CW	Y	8.0	.328	ACS			
B206728	190	1	CW		8.0	.322	ACS			
B206728	190	2	CW		8.0	.322	ACS			



**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206670-4	10 52	CW	Y 10.0	.359	RHR			
A206670-4	10 53	CW	Y 10.0	.359	RHR			
A206670-4	10 54	CW	Y 10.0	.359	RHR			
A206670-4	10 55	CW	Y 10.0	.359	RHR			
A206670-4	10 55.1	CW	Y 10.0	.359	RHR			
A206670-4	10 56	CW	Y 10.0	.359	RHR			
A206670-4	10 63	CW	Y 10.0	.359	RHR			
A206670-4	10 64	CW	Y 10.0	.359	RHR			
A206670-4	10 65	CW	Y 10.0	.359	RHR			
A206670-4	10 66	CW	Y 10.0	.359	RHR			
A206670-4	10 67	CW	Y 10.0	.359	RHR			

TABLE 6.5-1  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206677	15 1	CW	8.0	.328	SIS			
B206677	15 2	CW	8.0	.328	SIS			
B206677	15 3	CW	8.0	.328	SIS			
B206677	15 4	CW	8.0	.328	SIS			
B206677	15 5	CW	8.0	.328	SIS			
B206677	15 6	CW	8.0	.328	SIS			
B206677	15 7	CW	8.0	.328	SIS			
B206677	15 8	CW	8.0	.328	SIS			
B206677	15 9	CW	8.0	.328	SIS			
B206677	15 10	CW	8.0	.328	SIS			
B206677	15 11	CW	8.0	.328	SIS			
B206677	15 12	CW	8.0	.328	SIS			
B206677	15 13	CW	8.0	.328	SIS			
B206677	15 14	CW	8.0	.328	SIS			
B206677	15 15	CW	8.0	.328	SIS			
B206677	15 16	CW	8.0	.328	SIS			
B206677	15 17	CW	8.0	.328	SIS			
B206677	15 18	CW	8.0	.328	SIS			
B206677	15 19	CW	8.0	.328	SIS			

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206677	15	20	CW	8.0	.328	SIS			
B206677	15	21	CW	8.0	.328	SIS			
B206677	15	22	CW	8.0	.328	SIS			
B206677	15	23	CW	8.0	.328	SIS			
B206677	15	24	CW	8.0	.328	SIS			
B206677	15	25	CW	8.0	.328	SIS			
B206677	15	26	CW	8.0	.328	SIS			
B206677	15	27	CW	8.0	.328	SIS			
B206677	15	28	CW	8.0	.328	SIS			
B206677	15	29	CW	8.0	.328	SIS			
B206677	15	30	CW	8.0	.328	SIS			
B206677	15	31	CW	8.0	.328	SIS			
B206678	15	32	CW	8.0	.328	SIS			
B206678	15	33	CW	8.0	.328	SIS			
B206678	15	35	CW	8.0	.328	SIS			
B206678	15	36	CW	8.0	.328	SIS			
B206678	15	37	CW	8.0	.328	SIS			
B206678	15	38	CW	8.0	.328	SIS			
B206678	15	38A	CW	8.0	.328	SIS			

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206678	15 38B	CW	8.0	.328	SIS			
B206678	15 38C	CW	8.0	.328	SIS			
B206678	15 38D	CW	8.0	.328	SIS			
B206678	15 38E	CW	8.0	.328	SIS			
B206678	15 38F	CW	8.0	.328	SIS			
B206678	15 38J	CW	8.0	.328	SIS			
B206678	15 39	CW	8.0	.328	SIS			
B206694	51 1	CW	8.0	.322	SIS			
B206694	51 2	CW	8.0	.322	SIS			
B206694	51 3	CW	8.0	.322	SIS			
B206694	51 4	CW	8.0	.322	SIS			
B206694	51 5	CW	8.0	.322	SIS			
B206694	51 6	CW	8.0	.322	SIS			
B206694	51 7	CW	8.0	.322	SIS			
B206694	51 8	CW	8.0	.322	SIS			
B206694	51 9	CW	8.0	.322	SIS			
B206694	51 10	CW	8.0	.322	SIS			
B206694	51 11	CW	8.0	.322	SIS			
B206694	51 12	CW	8.0	.322	SIS			

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206694	51 13	CW	8.0	.322	SIS			
B206694	51 14	CW	8.0	.322	SIS			
B206694	51 15	CW	8.0	.322	SIS			
B206694	51 16	CW	8.0	.322	SIS			
B206694	51 17	CW	8.0	.322	SIS			
B206694	51 18	CW	8.0	.322	SIS			
B206694	51 19	CW	8.0	.322	SIS			
B206694	51 20	CW	8.0	.322	SIS			
B206694	51 21	CW	8.0	.322	SIS			
B206694	51 22	CW	8.0	.322	SIS			
B206694	51 23	CW	8.0	.322	SIS			
B206694	51 24	CW	8.0	.322	SIS			
B206694	51 25	CW	8.0	.322	SIS			
B206694	51 26	CW	8.0	.322	SIS			
B206694	51 27	CW	8.0	.322	SIS			
B206694	51 28	CW	8.0	.322	SIS			
B206694-4	51 29	CW	8.0	.322	SIS			
B206694	51 30	CW	8.0	.322	SIS			
B206694	51 31	CW	8.0	.322	SIS			

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.11N
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206695	51 32	CW	8.0	.322	SIS			
B206695	51 33	CW	8.0	.322	SIS			
B206695	51 34	CW	8.0	.322	SIS			
B206695	51 35	CW	8.0	.322	SIS			
B206695	51 36	CW	8.0	.322	SIS			
B206695	51 37	CW	8.0	.322	SIS			
B206695	51 38	CW	8.0	.322	SIS			
B206695	51 40	CW	8.0	.322	SIS			
B206703	57 1	CW	18.0	.250	SIS			
B206703	57 2	CW	18.0	.250	SIS			
B206703	57 3	CW	18.0	.250	SIS			
B206703	57 3.1	CW	18.0	.250	SIS			
B206703	57 4	CW	18.0	.250	SIS			
B206703	57 5	CW	14.0	.250	SIS			
B206703	57 6	CW	14.0	.250	SIS			
B206704	60 1	CW	8.0	.328	SIS			
B206704	60 2	CW	8.0	.328	SIS			
B206704	60 3	CW	8.0	.328	SIS			
B206704	60 4	CW	8.0	.328	SIS			

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206704	60	5	CW	8.0	.328	SIS			
B206704	60	6	CW	8.0	.328	SIS			
B206704	60	7	CW	8.0	.328	SIS			
B206704	60	8	CW	8.0	.328	SIS			
B206704	60	9	CW	8.0	.328	SIS			
B206704	60	10	CW	8.0	.328	SIS			
B206704	60	11	CW	8.0	.328	SIS			
B206704	60	12	CW	8.0	.328	SIS			
B206704	60	13	CW	8.0	.328	SIS			
B206704	60	14	CW TE	8.0	.328	SIS			
B206705	60	15	CW TE	8.0	.328	SIS			PT+UT
B206705	60	16	CW	8.0	.328	SIS			PT+UT
B206705	60	17	CW	8.0	.328	SIS			PT+UT
B206705	60	18	CW	8.0	.328	SIS			PT+UT
B206705	60	19	CW	8.0	.328	SIS			PT+UT
B206705	60	20	CW	Y 8.0	.328	SIS			PT+UT
B206705	60	21	CW	Y 6.0	.281	SIS			PT+UT
B206705	60	22	CW	6.0	.134	SIS			
B206705	60	23	CW	Y 6.0	.281	SIS			PT+UT

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206705	60 24	CW      Y	6.0	.281	SIS	PT+UT		
B206705	60 25	CW      Y	6.0	.281	SIS	PT+UT		
B206705	60 26	CW      Y	6.0	.281	SIS	PT+UT		
B206705	60 27	CW	6.0	.134	SIS			
B206705	60 28	CW	6.0	.134	SIS			
B206705	60 29	CW	8.0	.148	SIS			
B206705	60 30	CW	8.0	.148	SIS			
B206705	60 31	CW	8.0	.148	SIS			
B206705	60 32	CW	8.0	.148	SIS			
B206705	60 33	CW	8.0	.148	SIS			
B206705	60 34	CW	8.0	.148	SIS			
B206705	60 35	CW	8.0	.148	SIS			
B206705	60 36	CW	8.0	.148	SIS			
B206705	60 37	CW	8.0	.148	SIS			
B206705	60 38	CW	8.0	.148	SIS			
B206705	60 39	CW	8.0	.148	SIS			
B206705	60 40	CW	8.0	.148	SIS			
B206705	60 41	CW	8.0	.148	SIS			
B206705	60 42	CW	8.0	.148	SIS			



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206705	60 43	CW	8.0	.148	SIS			
B206705	60 44	CW	8.0	.148	SIS			
B206705	60 45	CW	8.0	.148	SIS			
B206706	60 46	CW	8.0	.148	SIS			
B206706	60 47	CW	6.0	.134	SIS			
B206706	60 48	CW	6.0	.134	SIS			
B206706	60 49	CW	6.0	.134	SIS			
B206706	60 50	CW	6.0	.134	SIS			
B206706	60 51	CW	6.0	.134	SIS			
B206706	60 52	CW	6.0	.134	SIS			
B206706	60 53	CW	4.0	.120	SIS			
B206706	60 54	CW	8.0	.148	SIS			
B206706	60 55	CW	8.0	.148	SIS			
B206706	60 56	CW	6.0	.134	SIS			
B206706	60 57	CW	6.0	.134	SIS			
B206706	60 58	CW	6.0	.134	SIS			
B206706	60 59	CW	6.0	.134	SIS			
B206706	60 60	CW	6.0	.134	SIS			
B206706	60 61	CW	6.0	.134	SIS			

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206706	60 62	CW	6.0	.134	SIS			
B206706	60 63	CW	6.0	.134	SIS			
B206706	60 64	CW	6.0	.134	SIS			
B206706	60 65	CW	6.0	.134	SIS			
B206706	60 66	CW	6.0	.134	SIS			
B206706	60 70	CW	6.0	.134	SIS			
B206706	60 71	CW	4.0	.120	SIS			
B206706	60 72	CW	8.0	.148	SIS			
B206706	60 73	CW	6.0	.134	SIS			
B206706	60 74	CW	6.0	.134	SIS			
B206706	60 75	CW	6.0	.134	SIS			
B206706	60 76	CW	6.0	.134	SIS			
B206706	60 77	CW	6.0	.134	SIS			
B206706	60 78	CW	6.0	.134	SIS			
B206706	60 79	CW	6.0	.134	SIS			
B206706-3	60 80	CW	6.0	.134	SIS			
B206706	60 81	CW	6.0	.134	SIS			
B206706	60 82	CW	6.0	.134	SIS			
B206706	60 83	CW	4.0	.120	SIS			

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.11N
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206719	93 2	CW	Y 8.0	.322	SIS			
B206719	93 3	CW	Y 8.0	.322	SIS			
B206719	93 4	CW	Y 8.0	.322	SIS			
B206719	93 5	CW	Y 8.0	.322	SIS			
B206719	93 6	CW	Y 8.0	.322	SIS			
B206721	94 1	CW	Y 8.0	.322	SIS			
B206721	94 2	CW	Y 8.0	.322	SIS			
B206724	155 1	CW	16.0	.250	SIS			
B206724	155 2	CW	16.0	.250	SIS			
B206724	155 6	CW	16.0	.250	SIS			
B206724	155 7	CW	16.0	.250	SIS			
B206724	155 8	CW	16.0	.250	SIS			
B206724	155 9	CW	16.0	.250	SIS			
B206724	155 10	CW	16.0	.250	SIS			
B206724	155 11	CW	16.0	.250	SIS			
B206724	155 12	CW	16.0	.250	SIS			
B206724	155 13	CW	16.0	.250	SIS			
B206724	155 14	CW	16.0	.250	SIS			
B206724	155 15	CW	16.0	.250	SIS			

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206724	155 16	CW	16.0	.250	SIS			
B206724	155 17	CW	16.0	.250	SIS			
B206724	155 18	CW	16.0	.250	SIS			
B206724	155 19	CW	16.0	.250	SIS			
B206724	155 20	CW	16.0	.250	SIS			
B206724	155 21	CW	16.0	.250	SIS			
B206724	155 22	CW	16.0	.250	SIS			
B206724	155 23	CW	16.0	.250	SIS			
B206724	155 24	CW	16.0	.250	SIS			
B206724	155 25	CW	16.0	.250	SIS			
B206724	155 26	CW	16.0	.250	SIS			
B206724	155 27	CW	16.0	.250	SIS			
B206724	155 28	CW	16.0	.250	SIS			
B206724	155 29	CW	16.0	.250	SIS			
B206724	155 30	CW	16.0	.250	SIS			
B206724	155 31	CW	16.0	.250	SIS			
B206725	155 32	CW	16.0	.250	SIS			
B206725	155 33	CW	16.0	.250	SIS			
B206725	155 34	CW	16.0	.250	SIS			

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206725	155 35	CW	16.0	.250	SIS			
B206725	155 36	CW	16.0	.250	SIS			
B206725	155 37	CW	16.0	.250	SIS			
B206725	155 38	CW	16.0	.250	SIS			
B206726	181 1	CW	12.0	.180	SIS			
B206726	181 2	CW	12.0	.180	SIS			
B206726	181 3	CW	12.0	.180	SIS			
B206726	181 4	CW	12.0	.180	SIS			
B206726	181 5	CW	12.0	.180	SIS			
B206726	181 6	CW	12.0	.180	SIS			
B206726	181 7	CW	12.0	.180	SIS			
B206726	181 8	CW	12.0	.180	SIS			
B206726	181 9	CW	12.0	.180	SIS			
B206726	181 10	CW	12.0	.180	SIS			
B206726	181 11	CW	12.0	.180	SIS			
B206726	181 12	CW	12.0	.180	SIS			
B206726	181 13	CW	12.0	.180	SIS			
B206726	181 14	CW	10.0	.165	SIS			
B206726	181 15	CW	10.0	.165	SIS			

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206726	181 16	CW	10.0	.165	SIS			
B206726	181 17	CW	10.0	.165	SIS			
B206726	181 18	CW	10.0	.165	SIS			
B206726	181 19	CW	10.0	.165	SIS			
B206726	181 20	CW	10.0	.165	SIS			
B206726	181 21	CW	10.0	.165	SIS			
B206726	181 22	CW	10.0	.165	SIS			
B206726	181 23	CW	10.0	.165	SIS			
B206726	181 24	CW	10.0	.165	SIS			
B206726	181 25	CW	10.0	.165	SIS			
B206726	181 26	CW	10.0	.165	SIS			
B206726	181 27	CW	10.0	.165	SIS			
B206726	181 28	CW	10.0	.165	SIS			
B206726	181 29	CW	10.0	.165	SIS			
B206726	181 30	CW	10.0	.165	SIS			
B206726	181 31	CW	10.0	.165	SIS			
B206727	189 1	CW	8.0	.148	SIS			
B206727	189 2	CW	8.0	.148	SIS			
B206727	189 3	CW	8.0	.148	SIS			

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206727	189	4	CW	8.0	.148	SIS			
B206723	189	5	CW	8.0	.148	SIS			
B206727	189	6	CW	8.0	.148	SIS			
B206727	189	7	CW	8.0	.148	SIS			
B206728	190	3	CW	8.0	.148	SIS			
B206728	190	4	CW	8.0	.148	SIS			
B206728	190	5	CW	8.0	.148	SIS			
B206728	190	6	CW	8.0	.148	SIS			
B206729	199	1	CW	6	0.134	SIS			
B206729	199	1AJ	CW	6	0.134	SIS			
B206729	199	2	CW	6	0.134	SIS			
B206730	293	2	CW	8.0	.322	SIS			
B206730	293	3	CW	8.0	.322	SIS			
B206730	293	4	CW	8.0	.328	SIS			
B206730	293	5	CW	10.0	.359	SIS			
B206730	293	6	CW	10.0	.359	SIS			
B206730	293	8	CW	8.0	.322	SIS			
B206730	293	9	CW	8.0	.322	SIS			
B206730	293	10	CW	8.0	.328	SIS			

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206730	293 11	CW	10.0	.359	SIS			
B206730	293 12	CW	10.0	.359	SIS			
B206730	293 13	CW	10.0	.359	SIS			
B206730	293 14	CW	10.0	.359	SIS			
B206730	293 15	CW	10.0	.359	SIS			
B206730	293 16	CW	10.0	.365	SIS			
B206730	293 17	CW	10.0	.365	SIS			
B206730	293 18	CW	10.0	.359	SIS			
B206730	293 19	CW	10.0	.365	SIS			
B206730	293 20	CW	10.0	.365	SIS			
B206730	293 21	CW	10.0	.365	SIS			
B206730	293 22	CW	10.0	.365	SIS			
B206730	293 23	CW	10.0	.365	SIS			
B206730	293 24	CW	10.0	.365	SIS			
B206730	293 25	CW	10.0	.365	SIS			
B206730	293 26	CW	10.0	.365	SIS			
B206730	293 27	CW	10.0	.365	SIS			
B206730	293 28	CW	10.0	.365	SIS			
B206730	293 29	CW	8.0	.322	SIS			



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206730	293	30	CW	8.0	.322	SIS			
B206730	293	31	CW	8.0	.322	SIS			
B206909	361	1	CW	Y 8.0	.322	SIS			
B206909	361	2	CW	Y 8.0	.322	SIS			
B206909	361	3	CW	Y 8.0	.322	SIS			
B206909	361	4	CW	Y 8.0	.322	SIS			
B206909	361	5	CW	Y 8.0	.322	SIS			
B206909	361	6	CW	Y 8.0	.322	SIS			
B206909	361	7	CW	Y 8.0	.322	SIS			
B206909	361	8	CW	Y 8.0	.322	SIS			
B206909	361	9	CW	Y 8.0	.322	SIS			
B206909	361	10	CW	Y 8.0	.322	SIS			
B206909	361	11	CW	Y 8.0	.322	SIS			
B206909	361	12	CW	Y 8.0	.322	SIS			
B206909	361	15	CW	Y 8.0	.322	SIS			
B206909	361	15A	CW TE	Y 8.0	.322	SIS			
B206909	361	16	CW	Y 8.0	.322	SIS			
B206909	361	17	CW	Y 8.0	.322	SIS			
B206911	518	2	CW	16.0	.134	SIS			

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206911	518 3	CW	16.0	.134	SIS			
B206911	518 4	CW	16.0	.134	SIS			
B206911	518 5	CW	16.0	.134	SIS			
B206911	518 6	CW	16.0	.134	SIS			
B206911	518 7	CW	16.0	.134	SIS			
B206911	518 8	CW	16.0	.134	SIS			
B206911	518 9	CW	16.0	.134	SIS			
B206911	518 10	CW	16.0	.134	SIS			
B206911	518 11	CW	16.0	.134	SIS			
B206911	518 12	CW	16.0	.134	SIS			
B206911	518 13	CW	16.0	.134	SIS			
B206911	518 14	CW	16.0	.134	SIS			
B206911	518 15	CW	16.0	.134	SIS			
B206911	518 16	CW	16.0	.134	SIS			
B206911	518 17	CW	16.0	.134	SIS			
B206911	518 18	CW	16.0	.134	SIS			
B206911	518 19	CW	16.0	.134	SIS			
B206911	518 20	CW	16.0	.134	SIS			
B206911	518 21	CW	16.0	.134	SIS			

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.11N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206911	518 22	CW	16.0	.134	SIS			

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.12

System: ACS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206667	9 49.1	LW	12.0	.375	ACS	PT+UT		
A206667	9 54.2	LW	12.0	.375	ACS	PT+UT	2	
A206667	9 59.1	LW	12.0	.375	ACS	PT+UT		
A206667	9 61.1	LW	12.0	.375	ACS	PT+UT		
A206667	9 63.1	LW	12.0	.375	ACS	PT+UT		
B206668	9 25.2	LW	12.0	.375	ACS	PT+UT		
B206668	9 27.1	LW	12.0	.375	ACS	PT+UT		
B206668	9 32.1	LW	12.0	.375	ACS	PT+UT		
B206668	9 33.1	LW	12.0	.375	ACS	PT+UT		
B206668	9 39.1	LW	12.0	.375	ACS	PT+UT		
B206668	9 41.1	LW	12.0	.375	ACS	PT+UT	3	
B206668	9 42.1	LW	12.0	.375	ACS	PT+UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.12
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System: RHR
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206670-4	10 24.1	LW	14.0	.437	RHR	PT+UT		
A206670-4	10 24.2	LW	14.0	.437	RHR	PT+UT		
A206670-4	10 25.1	LW	14.0	.437	RHR	PT+UT		
A206670-4	10 26.1	LW	14.0	.437	RHR	PT+UT		
A206670-4	10 26.2	LW	14.0	.437	RHR	PT+UT		
A206670-4	10 30.1	LW	14.0	.437	RHR	PT+UT	3	
A206670-4	10 31.1	LW	14.0	.437	RHR	PT+UT		
A206670-4	10 31.2	LW	14.0	.437	RHR	PT+UT		
A206670-4	10 32.1	LW	14.0	.437	RHR	PT+UT		
B206669	10 20.1	LW	14.0	.437	RHR	PT+UT		
B206669	10 20.2	LW	14.0	.437	RHR	PT+UT		
B206669	10 21.1	LW	14.0	.437	RHR	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1	Item Number: C05.12N
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System: ACS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206667	9 81.2	LW	Y 8.0	.328	ACS			
A206667	9 87.1	LW	Y 8.0	.328	ACS			
A206667	9 91.1	LW	Y 8.0	.328	ACS			
A206667	9 93.1	LW	Y 8.0	.328	ACS			

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.12N

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206704	60    3.1	LW	8.0	.328	SIS			
B206704	60    5.1	LW	8.0	.328	SIS			
B206704	60    5.2	LW	8.0	.328	SIS			
B206704	60    5.3	LW	8.0	.328	SIS			
B206704	60    11.1	LW	8.0	.328	SIS			
B206704-6	60    12.1	LW	8.0	.328	SIS			
B206704	60    12.2	LW	8.0	.328	SIS			
B206704	60    13.1	LW	8.0	.328	SIS			
B206719	93    3.1	LW	Y 8.0	.322	SIS			
B206719	93    5.1	LW	Y 8.0	.322	SIS			

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.21

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206698	56 163	CW	4.0	.337	HIS	PT+UT		
B206698	56 164	CW	4.0	.337	HIS	PT+UT		
B206698	56 165	CW	4.0	.337	HIS	PT+UT		
B206698	56 166	CW	4.0	.337	HIS	PT+UT	1	
B206698	56 167	CW	4.0	.337	HIS	PT+UT		
B206698	56 168	CW	4.0	.337	HIS	PT+UT		
B206698	56 169	CW	4.0	.337	HIS	PT+UT		
B206698	56 170	CW	4.0	.337	HIS	PT+UT		
B206698	56 171	CW	4.0	.337	HIS	PT+UT		
B206698	56 172	CW	4.0	.337	HIS	PT+UT		
B206698	56 173	CW	4.0	.337	HIS	PT+UT		
B206698-9	56 174	CW	2.5	.276	HIS	PT+UT		
B206698	56 175	CW	2.5	.276	HIS	PT+UT		
B206698	56 176	CW	2.5	.276	HIS	PT+UT		
B206698	56 177	CW	2.5	.276	HIS	PT+UT		
B227782	16 13AA	CW	2.5	.276	HIS	PT+UT		
B227782	16 14AA	CW	4.0	.337	HIS	PT+UT		
B227782	16 15AA	CW	4.0	.337	HIS	PT+UT		
B227782	16 17AA	CW	4.0	.337	HIS	PT+UT		



**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.21

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B227782	16 18AA	CW	2.5	.276	HIS	PT+UT		
B227782	16 19AA	CW	2.5	.276	HIS	PT+UT		
B227782	16 20AA	CW	4.0	.337	HIS	PT+UT		
B227782	16 21AA	CW	2.5	.276	HIS	PT+UT	2	
B227782	16 22AA	CW	2.5	.276	HIS	PT+UT		
B227782	16 82AA	CW	2.5	.276	HIS	PT+UT		
B227782	16 100AA	CW	2.5	.276	HIS	PT+UT		
B227782	16 108AA	CW	2.5	.276	HIS	PT+UT		
B227782	16 109A	CW	2.5	.276	HIS	PT+UT		
B227782	16 114AA	CW	4.0	.337	HIS	PT+UT		
B227782	16 122A	CW	2.5	.276	HIS	PT+UT	3	
B227782	16 123A	CW	2.5	.276	HIS	PT+UT		
B227782	16 174	CW	4.0	.337	HIS	PT+UT		
B227782	16 175	CW	4.0	.337	HIS	PT+UT		
B227782	16 176	CW	4.0	.337	HIS	PT+UT		
B227782	16 177	CW	4.0	.337	HIS	PT+UT		
B227782	16 178	CW	4.0	.337	HIS	PT+UT		
B227782	16 179	CW	4.0	.337	HIS	PT+UT		
B227782	16 180	CW	4.0	.337	HIS	PT+UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.21
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System: HIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B227782	16 181	CW	4.0	.337	HIS	PT+UT		
B227782	16 182	CW	4.0	.337	HIS	PT+UT		
B227782	16 183	CW	2.5	.276	HIS	PT+UT		
B227782	16 185	CW	4.0	.337	HIS	PT+UT		
B227782	16 186	CW	4.0	.337	HIS	PT+UT		
B227782	16 187	CW	4.0	.337	HIS	PT+UT		
B227782	16 187A	CW	4.0	.337	HIS	PT+UT		
B227782	16 188	CW	4.0	.337	HIS	PT+UT		
B227782	16 189	CW	4.0	.337	HIS	PT+UT		
B227782	16 190	CW	4.0	.337	HIS	PT+UT		
B227782	16 191	CW	4.0	.337	HIS	PT+UT		
B227782	16 192	CW	4.0	.337	HIS	PT+UT		
B227782	16 193	CW	4.0	.337	HIS	PT+UT		
B227782	16 194	CW	4.0	.337	HIS	PT+UT		
B227782	16 195	CW	2.5	.276	HIS	PT+UT		
B227782	16 197	CW	4.0	.337	HIS	PT+UT		3
B227782	56 198	CW	4.0	.337	HIS	PT+UT		2
B227782	56 199	CW	4.0	.337	HIS	PT+UT		
B227782	56 200	CW	4.0	.337	HIS	PT+UT		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.21

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B227782	56 201	CW	4.0	.337	HIS	PT+UT		
B227782	56 202	CW	4.0	.337	HIS	PT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.30

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206682	16 34	SW	2.0	.218	HIS	PT		
B206682	16 35	SW	2.0	.218	HIS	PT		
B206682	16 36	SW	2.0	.218	HIS	PT		
B206682	16 37	SW	2.0	.218	HIS	PT	1	
B206682	16 38	SW	2.0	.218	HIS	PT		
B206682	16 89	SW	2.0	.218	HIS	PT		
B206682	16 90	SW	2.0	.218	HIS	PT		
B206682	16 91	SW	2.0	.218	HIS	PT		
B206682	16 92	SW	2.0	.218	HIS	PT		
B206682	16 93	SW	2.0	.218	HIS	PT		
B206682	16 94	SW	2.0	.218	HIS	PT		
B206682	16 95	SW	2.0	.218	HIS	PT		
B206682	16 96	SW	2.0	.218	HIS	PT		
B206682	16 97	SW	2.0	.218	HIS	PT		
B206682	16 123	SW	2.0	.344	HIS	PT		
B206682	16 124	SW	2.0	.344	HIS	PT		
B206682	16 124A	SW	2.0	.344	HIS	PT	3	
B206682	16 125	SW	2.0	.344	HIS	PT		
B206682	16 126	SW	2.0	.344	HIS	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.30

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206682	16 127	SW	2.0	.344	HIS	PT		
B206682	16 128	SW	2.0	.344	HIS	PT		
B206682	16 129	SW	2.0	.218	HIS	PT		
B206682	16 130	SW	2.0	.218	HIS	PT		
B206682	16 131	SW	2.0	.218	HIS	PT		
B206682	16 132	SW	2.0	.218	HIS	PT	1	
B206682	16 133	SW	2.0	.218	HIS	PT		
B206682	16 134	SW	2.0	.218	HIS	PT		
B206682	16 135	SW	2.0	.218	HIS	PT		
B206682	16 136	SW	2.0	.218	HIS	PT		
B206683	16 21	SW	2.0	.344	HIS	PT		
B206683	16 22	SW	2.0	.344	HIS	PT		
B206683	16 22A	SW	2.0	.344	HIS	PT		
B206683	16 23	SW	2.0	.344	HIS	PT		
B206683	16 24	SW	2.0	.344	HIS	PT		
B206683	16 25	SW	2.0	.344	HIS	PT		
B206683	16 26	SW	2.0	.344	HIS	PT		
B206683	16 27	SW	2.0	.344	HIS	PT		
B206683	16 28	SW	2.0	.344	HIS	PT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.30
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System: HIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206683	16 29	SW	2.0	.344	HIS	PT		
B206683	16 29A	SW	2.0	.344	HIS	PT		
B206683	16 30	SW	2.0	.344	HIS	PT		
B206683	16 31	SW	2.0	.344	HIS	PT		
B206683	16 33	SW	2.0	.218	HIS	PT		
B206683	16 80	SW	2.0	.344	HIS	PT		
B206683	16 81	SW	2.0	.344	HIS	PT		
B206683	16 81A	SW	2.0	.344	HIS	PT	1	
B206683	16 82	SW	2.0	.344	HIS	PT		
B206683	16 83	SW	2.0	.344	HIS	PT		
B206683	16 84	SW	2.0	.344	HIS	PT		
B206683-4	16 85	SW	2.0	.344	HIS	PT		
B206683	16 86	SW	2.0	.344	HIS	PT		
B206683	16 87	SW	2.0	.344	HIS	PT		
B206683	16 88	SW	2.0	.218	HIS	PT		
B206700	56 92	SW	2.0	.344	HIS	PT	3	
B206700	56 93	SW	2.0	.344	HIS	PT		
B206700	56 94	SW	2.0	.344	HIS	PT		
B206700	56 95	SW	2.0	.344	HIS	PT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.30

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206700	56 96	SW	2.0	.344	HIS	PT		
B206700	56 97	SW	2.0	.344	HIS	PT		
B206700	56 98	SW	2.0	.344	HIS	PT		
B206700	56 99	SW	2.0	.344	HIS	PT		
B206700	56 100	SW	2.0	.344	HIS	PT		
B206700	56 101	SW	2.0	.344	HIS	PT		
B206700	56 102	SW	2.0	.344	HIS	PT		
B206700	56 103	SW	2.0	.344	HIS	PT		
B206700	56 104	SW	2.0	.344	HIS	PT		
B206700	56 105	SW	2.0	.344	HIS	PT		
B206700	56 106	SW	2.0	.344	HIS	PT		2
B206700	56 107	SW	2.0	.344	HIS	PT		
B206700	56 108	SW	2.0	.344	HIS	PT		
B206700	56 109	SW	2.0	.344	HIS	PT		
B206700	56 110	SW	2.0	.344	HIS	PT		
B206700	56 111	SW	2.0	.344	HIS	PT		
B206700	56 112	SW	2.0	.344	HIS	PT		
B206700	56 113	SW	2.0	.344	HIS	PT		
B206700	56 114	SW	2.0	.344	HIS	PT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.30

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206700	56 115	SW	2.0	.344	HIS	PT		
B206700	56 116	SW	2.0	.344	HIS	PT		
B206700	56 117	SW	2.0	.344	HIS	PT		
B206700	56 118	SW	2.0	.344	HIS	PT		
B206700	56 119	SW	2.0	.344	HIS	PT	2	
B206700	56 120	SW	2.0	.344	HIS	PT		
B206700	56 121	SW	2.0	.344	HIS	PT		
B206700	56 122	SW	2.0	.218	HIS	PT		
B206700	56 123	SW	2.0	.218	HIS	PT		
B206700	56 124	SW	2.0	.218	HIS	PT		
B206700	56 125	SW	2.0	.218	HIS	PT		
B206700	56 126	SW	2.0	.218	HIS	PT		
B206700	56 127	SW	2.0	.218	HIS	PT		
B206700	56 128	SW	2.0	.218	HIS	PT		
B206700	56 129	SW	2.0	.218	HIS	PT		
B206700	56 130	SW	2.0	.218	HIS	PT	1	
B206700	56 131	SW	2.0	.218	HIS	PT		
B206700	56 132	SW	2.0	.218	HIS	PT		
B206700	56 133	SW	2.0	.218	HIS	PT		



**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.30

System: HIS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206701	56	52	SW	2.0	.344	HIS	PT		
B206701	56	53	SW	2.0	.344	HIS	PT		
B206701	56	54	SW	2.0	.344	HIS	PT		
B206701	56	55	SW	2.0	.344	HIS	PT		
B206701	56	56	SW	2.0	.344	HIS	PT		
B206701	56	57	SW	2.0	.344	HIS	PT		
B206701	56	58	SW	2.0	.344	HIS	PT		
B206701	56	59	SW	2.0	.344	HIS	PT		
B206701	56	60	SW	2.0	.344	HIS	PT		
B206701	56	61	SW	2.0	.344	HIS	PT		
B206701	56	62	SW	2.0	.344	HIS	PT		
B206701	56	63	SW	2.0	.344	HIS	PT		
B206701	56	64	SW	2.0	.344	HIS	PT		
B206701	56	65	SW	2.0	.344	HIS	PT		
B206701	56	66	SW	2.0	.344	HIS	PT		
B206701	56	67	SW	2.0	.344	HIS	PT		3
B206701	56	68	SW	2.0	.344	HIS	PT		
B206701	56	69	SW	2.0	.344	HIS	PT		
B206701	56	70	SW	2.0	.344	HIS	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.30
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System: HIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206701	56 71	SW	2.0	.344	HIS	PT		
B206701	56 72	SW	2.0	.344	HIS	PT		
B206701	56 73	SW	2.0	.344	HIS	PT		
B206701	56 74	SW	2.0	.344	HIS	PT	2	
B206701	56 75	SW	2.0	.344	HIS	PT		
B206701	56 76	SW	2.0	.218	HIS	PT		
B206701	56 77	SW	2.0	.218	HIS	PT		
B206701	56 78	SW	2.0	.218	HIS	PT		
B206701	56 79	SW	2.0	.218	HIS	PT		
B206701	56 80	SW	2.0	.218	HIS	PT		
B206701	56 81	SW	2.0	.218	HIS	PT		
B206701	56 82	SW	2.0	.218	HIS	PT		
B206701	56 83	SW	2.0	.218	HIS	PT		
B206701	56 84	SW	2.0	.218	HIS	PT		
B206701	56 85	SW	2.0	.218	HIS	PT		
B206701	56 86	SW	2.0	.218	HIS	PT		
B206701	56 87	SW	2.0	.218	HIS	PT		
B206702	56 27	SW	2.0	.344	HIS	PT		
B206702	56 28	SW	2.0	.344	HIS	PT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1      Item Number: C05.30

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206702	56 29	SW	2.0	.344	HIS	PT		
B206702	56 30	SW	2.0	.344	HIS	PT		
B206702	56 31	SW	2.0	.344	HIS	PT		
B206702	56 32	SW	2.0	.344	HIS	PT		
B206702	56 33	SW	2.0	.344	HIS	PT		
B206702	56 34	SW	2.0	.218	HIS	PT		
B206702	56 35	SW	2.0	.218	HIS	PT		
B206702	56 36	SW	2.0	.218	HIS	PT		
B206702	56 37	SW	2.0	.218	HIS	PT	2	
B206702	56 38	SW	2.0	.218	HIS	PT		
B206702	56 39	SW	2.0	.218	HIS	PT		
B206702	56 40	SW	2.0	.218	HIS	PT		
B206702	56 41	SW	2.0	.218	HIS	PT		
B206702	56 42	SW	2.0	.218	HIS	PT		
B206702	56 43	SW	2.0	.218	HIS	PT		
B206702	56 44	SW	2.0	.218	HIS	PT	3	
B206702	56 45	SW	2.0	.218	HIS	PT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-1	Item Number: C05.41
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System: HIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206682	16 138	BW	2.0	.218	HIS	PT		
B206682	16 139	BW	2.0	.218	HIS	PT		
B206699	56 88	BW	2.0	.218	HIS	PT	2	
B206699	56 134	BW	2.0	.218	HIS	PT		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-1      Item Number: C05.41

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206911	518 1	BW	16.0	.134	SIS	PT	3	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2	Item Number: C05.51
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System: BFD
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206663	5 1	CW TE	18.0	.750	BFD	MT+UT	2	
B206663	5 1.1	CW PUP?	18.0	.750	BFD	MT+UT	2	
B206663	5 2	CW	18.0	.750	BFD	MT+UT	2	
B206663	5 3	CW	18.0	.750	BFD	MT+UT		
B206663	5 4	CW	18.0	.750	BFD	MT+UT		
B206663	5 5	CW	18.0	.750	BFD	MT+UT		
B206663	5 6	CW	18.0	.750	BFD	MT+UT		
B206663	5 7	CW	18.0	.750	BFD	MT+UT		
B206663	5 8	CW	18.0	.750	BFD	MT+UT		
B206663	5 9	CW	18.0	.750	BFD	MT+UT		
B206663	5 10	CW	18.0	.750	BFD	MT+UT		
B206663	5 11	CW	18.0	.750	BFD	MT+UT		
B206663	5 12	CW	18.0	.750	BFD	MT+UT		
B206663	5 13	CW	18.0	.750	BFD	MT+UT		
B206663	5 13A	CW	18.0	.750	BFD	MT+UT		
B206663	5 13B	CW	18.0	.750	BFD	MT+UT		
B206663	5 13C	CW	18.0	.750	BFD	MT+UT		
B206663	5 14	CW TE	18.0	.750	BFD	MT+UT		
B206663	5 15	CW PEN F	18.0	.750	BFD	MT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2	Item Number: C05.51
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System: BFD
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206663	5 16	CW	18.0	.750	BFD	MT+UT		
B206663	5 17	CW	18.0	.750	BFD	MT+UT		
B206663	5 18	CW	10.0	.719	BFD	MT+UT		
B206663	5 20	CW	18.0	.750	BFD	MT+UT		
B206663	5 21	CW	18.0	.750	BFD	MT+UT		
B206664	6 1	CW TE	18.0	.750	BFD	MT+UT		
B206664	6 1.1	CW	18.0	.750	BFD	MT+UT		
B206664	6 2	CW	18.0	.750	BFD	MT+UT		
B206664	6 2.2	CW	18.0	.750	BFD	MT+UT		
B206664	6 3	CW	18.0	.750	BFD	MT+UT		
B206664	6 4	CW	18.0	.750	BFD	MT+UT		
B206664	6 5	CW	18.0	.750	BFD	MT+UT		
B206664	6 6	CW	18.0	.750	BFD	MT+UT		
B206664	6 7	CW TE	18.0	.750	BFD	MT+UT		
B206664	6 8	CW	18.0	.750	BFD	MT+UT		
B206664	6 9	CW	18.0	.750	BFD	MT+UT		
B206664-5	6 10	CW	18.0	.750	BFD	MT+UT	3	
B206664	6 11	CW	18.0	.750	BFD	MT+UT	3	
B206664	6 12	CW	18.0	.719	BFD	MT+UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2	Item Number: C05.51
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System: BFD
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206664	6 14	CW	18.0	.750	BFD	MT+UT		
B206664	6 15	CW	18.0	.750	BFD	MT+UT		
B206665	7 1	CW TE	18.0	.750	BFD	MT+UT		
B206665	7 1.1	CW PUP?	18.0	.750	BFD	MT+UT		
B206665	7 2	CW	18.0	.750	BFD	MT+UT		
B206665	7 3	CW	18.0	.750	BFD	MT+UT		
B206665	7 4	CW	18.0	.750	BFD	MT+UT		
B206665	7 5	CW	18.0	.750	BFD	MT+UT		
B206665	7 6	CW	18.0	.750	BFD	MT+UT		
B206665	7 7	CW	18.0	.750	BFD	MT+UT		
B206665	7 8	CW	18.0	.750	BFD	MT+UT		
B206665	7 10	CW	18.0	.750	BFD	MT+UT		
B206665	7 11	CW	18.0	.750	BFD	MT+UT		
B206665	7 12	CW	18.0	.750	BFD	MT+UT		
B206665	7 13	CW	18.0	IPP 43	BFD	MT+UT	1	
B206665	7 14	CW	10.0	.719	BFD	MT+UT		
B206665	7 16	CW	18.0	.750	BFD	MT+UT		
B206665	7 17	CW	18.0	.750	BFD	MT+UT		
B206666	8 1	CW TE	18.0	.750	BFD	MT+UT		



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-2      Item Number: C05.51

System: BFD

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206666	8	1.1	CW PUP?	18.0	.750	BFD	MT+UT		
B206666	8	2	CW	18.0	.750	BFD	MT+UT		
B206666	8	3	CW	18.0	.750	BFD	MT+UT		
B206666	8	4	CW	18.0	.750	BFD	MT+UT		
B206666	8	5	CW	18.0	.750	BFD	MT+UT		
B206666	8	6	CW	18.0	.750	BFD	MT+UT		
B206666	8	7	CW	18.0	.750	BFD	MT+UT		
B206666	8	8	CW	18.0	.750	BFD	MT+UT		
B206666	8	9	CW	18.0	.750	BFD	MT+UT		
B206666	8	10	CW	18.0	.750	BFD	MT+UT		
B206666-4	8	11	CW	10.0	.719	BFD	MT+UT		
B206666	8	13	CW	18.0	.750	BFD	MT+UT		
B206666	8	14	CW	18.0	.750	BFD	MT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-2      Item Number: C05.51

System: MS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206655	1	1	CW TE	31	IPP 40	MS	MT+UT		
B206655	1	2	CW	28	.912	MS	MT+UT		
B206655	1	3	CW	28	.912	MS	MT+UT		
B206655	1	4	CW	28	.912	MS	MT+UT		
B206655	1	5	CW	28	.912	MS	MT+UT		
B206655	1	6	CW	28	.912	MS	MT+UT		
B206655	1	9	CW	28	.912	MS	MT+UT		
B206655	1	10	CW	28	.912	MS	MT+UT		
B206655	1	11	CW	28	.912	MS	MT+UT		
B206655	1	11.2	CW	28	.912	MS	MT+UT	3	
B206655	1	12	CW	28	.912	MS	MT+UT		
B206655	1	13	CW	28	.912	MS	MT+UT	3	
B206655	1	14	CW	28	.912	MS	MT+UT		
B206655	1	15	CW	28	.912	MS	MT+UT		
B206655	1	16	CW	28	.912	MS	MT+UT		
B206655	1	16.1	CW	28	.912	MS	MT+UT		
B206655	1	17	CW	28	.912	MS	MT+UT		
B206655	1	18	CW TE	28	.912	MS	MT+UT	2	
B206656	1	19	CW	28.0	.912	MS	MT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2      Item Number: C05.51

System: MS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206656	1 20	CW	28.0	.912	MS	MT+UT		
B206656	1 22	CW	12X8	.688	MS	MT+UT		
B206656	1 23	CW	8.0	.906	MS	MT+UT		
B206656	1 25	CW	12X8	.688	MS	MT+UT		
B206656	1 26	CW	8.0	.906	MS	MT+UT		
B206656	1 28	CW	12X8	.688	MS	MT+UT		
B206656	1 29	CW	8.0	.906	MS	MT+UT		
B206656	1 31	CW	12X8	.688	MS	MT+UT		
B206656	1 32	CW	8.0	.906	MS	MT+UT		
B206656	1 34	CW	12.0	.688	MS	MT+UT		
B206656	1 35	CW	8.0	.906	MS	MT+UT		
B206656	1 37	CW	12X6	.688	MS	MT+UT		
B206656	1 38	CW	6.0	.432	MS	MT+UT		
B206656	1 39	CW	6.0	.432	MS	MT+UT		
B206656	1 40	CW	6.0	.432	MS	MT+UT		
B206656	1 41	CW	6.0	.432	MS	MT+UT		
B206656	1 42	CW	6.0	.432	MS	MT+UT		
B206656	1 43	CW	6.0	.432	MS	MT+UT		
B206656	1 45	CW	12.0	.688	MS	MT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-2      Item Number: C05.51

System: MS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206656	1	46	CW	28.0	.912	MS	MT+UT		
B206656	1	47	CW	28.0	.912	MS	MT+UT		
B206656	1	48	CW	28.0	.912	MS	MT+UT		
B206656	1	49	CW	28.0	.912	MS	MT+UT		
B206657	2	1	CW TE	31.0	1.50	MS	MT+UT	1	
B206657	2	2	CW	28.0	.912	MS	MT+UT		
B206657	2	3	CW	28.0	.912	MS	MT+UT		
B206657	2	4	CW	28.0	.912	MS	MT+UT		
B206657	2	5	CW	28.0	.912	MS	MT+UT		
B206657	2	6	CW	28.0	.912	MS	MT+UT		
B206657-3	2	7	CW	28.0	.912	MS	MT+UT		
B206657	2	8	CW	28.0	.912	MS	MT+UT		
B206657	2	9	CW TE	28.0	.912	MS	MT+UT	3	
B206658	2	10	CW TE	28.0	.912	MS	MT+UT		
B206658	2	12	CW	12.0	.688	MS	MT+UT		
B206658	2	13	CW	28.0	.912	MS	MT+UT		
B206658	2	14	CW	28.0	.912	MS	MT+UT		
B206658	2	15	CW	28.0	.912	MS	MT+UT		
B206658	2	17	CW	12X8	.688	MS	MT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2	Item Number: C05.51
System: MS	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206658	2 18	CW	8.0	.906	MS	MT+UT		
B206658	2 20	CW	12X8	.688	MS	MT+UT		
B206658	2 21	CW	8.0	.906	MS	MT+UT		
B206658	2 23	CW	12X8	.688	MS	MT+UT		
B206658	2 24	CW	8.0	.906	MS	MT+UT		
B206658	2 26	CW	12X8	.688	MS	MT+UT		
B206658	2 27	CW	8.0	.906	MS	MT+UT		
B206658	2 29	CW	12X8	.688	MS	MT+UT	2	
B206658	2 30	CW	8.0	.906	MS	MT+UT	2	
B206658	2 32	CW	12.0	.688	MS	MT+UT		
B206658	2 33	CW	6.0	.432	MS	MT+UT		
B206658	2 34	CW	6.0	.432	MS	MT+UT		
B206658	2 35	CW	6.0	.432	MS	MT+UT	2	
B206658	2 36	CW	6.0	.432	MS	MT+UT	3	
B206658	2 37	CW	6.0	.432	MS	MT+UT		
B206658	2 38	CW	6.0	.432	MS	MT+UT		
B206658	2 39	CW	28.0	.912	MS	MT+UT		
B206658	2 40	CW	28.0	.912	MS	MT+UT		
B206658	2 41	CW	28.0	.912	MS	MT+UT		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-2      Item Number: C05.51

System: MS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206660	3 20	CW	12.0	.688	MS	MT+UT		
B206660	3 21	CW	28.0	IPP 41	MS	MT+UT	1	
B206660	3 22	CW	28.0	IPP 41	MS	MT+UT	1	
B206660	3 23	CW	28.0	IPP 41	MS	MT+UT	1	
B206660	3 25	CW	12X8	.688	MS	MT+UT		
B206660	3 26	CW	8.0	.906	MS	MT+UT		
B206660	3 28	CW	12X8	.688	MS	MT+UT		
B206660	3 29	CW	8.0	.906	MS	MT+UT		
B206660	3 31	CW	12X8	.688	MS	MT+UT		
B206660	3 32	CW	8.0	.906	MS	MT+UT		
B206660	3 34	CW	12X8	.688	MS	MT+UT		
B206660	3 35	CW	8.0	.906	MS	MT+UT		
B206660	3 37	CW	12X8	.688	MS	MT+UT		
B206660	3 38	CW	8.0	.906	MS	MT+UT		
B206660	3 40	CW	12X6	.688	MS	MT+UT		
B206660	3 41	CW	6.0	.432	MS	MT+UT		
B206660	3 42	CW	6.0	.432	MS	MT+UT		
B206660	3 43	CW	6.0	.432	MS	MT+UT		
B206660	3 44	CW	6.0	.432	MS	MT+UT		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2	Item Number: C05.51
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System: MS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206660	3 45	CW	6.0	.432	MS	MT+UT		
B206660	3 46	CW	6.0	.432	MS	MT+UT		
B206660	3 47	CW	6.0	.432	MS	MT+UT		
B206660	3 48	CW	28.0	.912	MS	MT+UT		
B206660	3 49	CW	28.0	.912	MS	MT+UT		
B206660	3 50	CW	28.0	.912	MS	MT+UT		
B206661	4 1	TE-CW	31"	1.50	MS	MT+UT		
B206661	4 2	CW	28	.912	MS	MT+UT		
B206661	4 3	CW	28	.912	MS	MT+UT		
B206661	4 4	CW	28	.912	MS	MT+UT		
B206661	4 5	CW	28	.912	MS	MT+UT		
B206661	4 6	CW	28	.912	MS	MT+UT		
B206661-4	4 7	CW	28	.912	MS	MT+UT		
B206661	4 8	CW	28	.912	MS	MT+UT		
B206661	4 9	CW	28	.912	MS	MT+UT		
B206661	4 10	CW TE	28	.912	MS	MT+UT		
B206662	4 11	CW	28.0	.912	MS	MT+UT		
B206662	4 12	CW	28.0	.912	MS	MT+UT		
B206662	4 14	CW	12X8	.688	MS	MT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2      Item Number: C05.51

System: MS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206662	4 15	CW	8.0	.906	MS	MT+UT		
B206662	4 17	CW	12X8	.688	MS	MT+UT		
B206662	4 18	CW	8.0	.906	MS	MT+UT		
B206662	4 20	CW	12X8	.688	MS	MT+UT		
B206662	4 21	CW	8.0	.906	MS	MT+UT		
B206662	4 23	CW	12X8	.688	MS	MT+UT		
B206662	4 24	CW	8.0	.906	MS	MT+UT		
B206662	4 26	CW	12X8R	.688	MS	MT+UT		
B206662	4 27	CW	8.0	.906	MS	MT+UT		
B206662	4 29	CW	12X6	.688	MS	MT+UT		
B206662	4 30	CW	6.0	.432	MS	MT+UT		
B206662	4 31	CW	6.0	.432	MS	MT+UT		
B206662	4 32	CW	6.0	.432	MS	MT+UT		
B206662	4 33	CW	6.0	.432	MS	MT+UT		
B206662	4 34	CW	6.0	.432	MS	MT+UT		
B206662	4 35	CW	6.0	.432	MS	MT+UT		
B206662	4 36	CW	6.0	.432	MS	MT+UT		
B206662	4 38	CW TE	12.0	.688	MS	MT+UT		
B206662	4 39	CW	28.0	.912	MS	MT+UT		



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: C-F-2      Item Number: C05.51

System: MS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206662	4	40	CW	28.0	.912	MS	MT+UT		
B206662	4	41	CW	28.0	.912	MS	MT+UT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2	Item Number: C05.52
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System: MS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206655	1 11.1	LW	28	.912	MS	MT+UT	3	
B206655	1 11.3	LW	28	.912	MS	MT+UT	3	
B206655	1 12.1	LW	28	.912	MS	MT+UT		
B206655	1 12.2	LW	28	.912	MS	MT+UT		
B206655	1 13.1	LW	28	.912	MS	MT+UT		
B206655	1 16.2	LW	28	.912	MS	MT+UT		
B206655	1 17.1	LW	28	.912	MS	MT+UT		
B206655	1 17.2	LW	28	.912	MS	MT+UT		
B206655	1 11.2.1	LW	28	.912	MS	MT+UT		
B206657	2 7.1	LW	28.0	.912	MS	MT+UT		
B206657	2 9.1	LW	28.0	.912	MS	MT+UT		
B206660	3 51	LW	28.0	IPP 41	MS	MT+UT		
B206660	3 52	LW	28.0	IPP 41	MS	MT+UT		
B206660	3 53	LW	28.0	IPP 41	MS	MT+UT		
B206660	3 54	LW	28.0	IPP 41	MS	MT+UT		
B206660	3 55	LW	28.0	IPP 41	MS	MT+UT		
B206660	3 56	LW	28.0	IPP 41	MS	MT+UT		

**TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2	Item Number: C05.81
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System: BFD
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206663	5 19	BW	10.0	.719	BFD	MT	2	
B206664	6 13	BW	10.0	.719	BFD	MT		
B206665	7 15	BW	10	.719	BFD	MT		
B206666	8 12	BW	10.0	.719	BFD	MT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2      Item Number: C05.81

System: MS

Drawing	Identity		Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206656	1	21	BW	12.0	.688	MS	MT	1	
B206656	1	24	BW	12.0	.688	MS	MT		
B206656	1	27	BW	12.0	.688	MS	MT		
B206656	1	30	BW	12.0	.688	MS	MT		
B206656	1	33	BW	12.0	.688	MS	MT		
B206656	1	36	BW	12.0	.688	MS	MT	2	
B206656	1	44	BW	12.0	.688	MS	MT		
B206658	2	11	BW	12.0	.688	MS	MT		
B206658	2	16	BW	12.0	.688	MS	MT		
B206658	2	19	BW	12.0	.688	MS	MT		
B206658	2	22	BW	12.0	.688	MS	MT		
B206658	2	25	BW	12.0	.688	MS	MT		
B206658	2	28	BW	12.0	.688	MS	MT	3	
B206658	2	31	BW	12.0	.688	MS	MT		
B206660	3	19	BW	12.0	.688	MS	MT		
B206660	3	24	BW	12.0	.688	MS	MT		
B206660	3	27	BW	12.0	.688	MS	MT		
B206660	3	30	BW	12.0	.688	MS	MT		
B206660	3	33	BW	12.0	.688	MS	MT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: C-F-2	Item Number: C05.81
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System: MS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206660	3 36	BW	12.0	.688	MS	MT		
B206660	3 39	BW	12.0	.688	MS	MT		
B206662	4 13	BW	12.0		MS	MT		
B206662	4 16	BW	12.0		MS	MT		
B206662	4 19	BW	12.0		MS	MT		
B206662	4 22	BW	12.0		MS	MT		
B206662	4 25	BW	12.0		MS	MT		
B206662	4 28	BW	12.0		MS	MT		
B206662	4 37	BW	12.0	.688	MS	MT		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.10

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206684	CH 100	SWFW LN 19			CVC	VT3		
B206684	CH 101	HUFA LN 19			CVC	VT3	1	
B206684	CH 108	HCFA LN 19			CVC	VT3		
B206684	CH 109	SWFW LN 19			CVC	VT3	3	
B206684	CH 110	SWFA LN 19			CVC	VT3		
B206684	SR 895	RCFW LN 19			CVC	VT3	2	
B206684	SR 897	RCFA LN 19			CVC	VT3		
B206684	SR 899	RCFW LN 19			CVC	VT3		
B206685	27 H 3A	S LN 27			CVC	VT3		
B206685	27 H 5A	S LN 27			CVC	VT3	1	
B206685	27 H 8A	S LN 27			CVC	VT3		
B206685	27 SR 40	S LN 27			CVC	VT3	2	
B206685	27 SR 42	R LN 27		NIF	CVC	VT3		
B206685	CH 112	SWFM LN 27			CVC	VT3	1	
B206685	CH 113	H LN 27			CVC	VT3		
B206685	CH 114	H LN 27			CVC	VT3	3	
B206685	CH 115	H LN 27			CVC	VT3		
B206685	CH 116	H LN 27	C 759	H 798	CVC	VT3		
B206685	PWR 86	RGFA LN 27			CVC	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.10
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206685	PWR 87	RGFA LN 27			CVC	VT3		
B206685	PWR 88	RGFA LN 27			CVC	VT3	3	
B206685	PWR 89	SUFA LN 27			CVC	VT3		
B206685	SR 899A	RCFA LN 27			CVC	VT3		
B206685	SR 900	RCFA LN 27			CVC	VT3		
B206686	41 H 5	HDFB LN 41			CVC	VT3		
B206686	41 H 6	HDFB LN 41			CVC	VT3	1	
B206686	41 H 7	HDFA LN 41			CVC	VT3		
B206686	41 H 8	HDFB LN 41			CVC	VT3		
B206686	41 H 9	HDFB LN 41			CVC	VT3		
B206686	41 H 10	SUFWA LN 41			CVC	VT3		
B206686	R SR 1	RUFWA LN 41			CVC	VT3		
B206686	R SR 7	RUFWA LN 41			CVC	VT3	1	
B206686	R SR 15	RUFWA LN 41			CVC	VT3		
B206686	R SR 16	RUFWA LN 41			CVC	VT3		
B206686	R SR 20	SUFWA LN 41			CVC	VT3		
B206687	ACH 551A	HCSW LN 41	C 229	H 235	CVC	VT3		
B206687	ACH 552A	HWSW LN 41	C 82	H 84	CVC	VT3	1	
B206687	PWR 31	RGFW LN 41			CVC	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.10
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206687	SR 947	RCFA LN 41			CVC	VT3		
B206687	SR 948	RCFA LN 41			CVC	VT3		
B206687	SR 948A	RCFW LN 41			CVC	VT3		
B206687	SR 949	RCFW LN 41			CVC	VT3		
B206687	SR 951	RCHW LN 41			CVC	VT3		
B206687	SR 952	RCHW LN 41			CVC	VT3	2	
B206687	SR 952A	RCFW LN 41			CVC	VT3		
B206687	SR 953	RCHW LN 41			CVC	VT3		
B206687	SR 953A	RCHW LN 41			CVC	VT3		
B206688	42 H 1	HDFB LN 42			CVC	VT3		
B206688	42 H 2	HDFB LN 42			CVC	VT3		
B206688	42 H 3	HDFB LN 42			CVC	VT3		
B206688	42 H 5	HDFB LN 42			CVC	VT3		
B206688	42 H 6	HDFB LN 42			CVC	VT3	2	
B206688	R SR 2	HUFWA LN 42			CVC	VT3		
B206688	R SR 8	HUFWA LN 42			CVC	VT3	2	
B206688	R SR 14	HUFWA LN 42			CVC	VT3		
B206688	R SR 21	SUFWA LN 42			CVC	VT3		
B206689	ACH 576	HCSW LN 42	C 47	H 45	CVC	VT3	3	



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.10

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206689	ACH 577	HCSB LN 42	_____	_____	CVC	VT3		
B206689	ACH 578	HCSA LN 42	C 68	H 66	CVC	VT3	3	
B206689	ACH 580	HWFA LN 42			CVC	VT3		
B206689	PWR 21	RGFW LN 42			CVC	VT3		
B206689	SR 1107	RCFW LN 42			CVC	VT3		
B206689	SR 1109	RCFW LN 42			CVC	VT3	1	
B206689	SR 1111	RCFA LN 42			CVC	VT3		
B206690	43 H 3	HDFB LN 43			CVC	VT3		
B206690	43 H 5A	RUFWA LN 43			CVC	VT3		
B206690	43 H 6	RUFWA LN 43			CVC	VT3		
B206690	43 H 7	RUFWA LN 43			CVC	VT3	2	
B206690	43 H 1	HDFB LN 43			CVC	VT3		
B206690	43 H 2	HDFB LN 43			CVC	VT3		
B206690	43 H 5	SUFWA LN 43			CVC	VT3		
B206690	R SR 3	SUFW LN 43			CVC	VT3		
B206690	R SR 10	HUFWA LN 43			CVC	VT3		
B206690	R SR 13	RUFWA LN 43			CVC	VT3		
B206690	R SR 18	RUFWA LN 43			CVC	VT3		
B206690	R SR 22	SUFWA LN 43			CVC	VT3		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.10

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206690	R SR 38	SUFWA LN 43			CVC	VT3		
B206690	R SR 46	SUFWA LN 43			CVC	VT3		
B206690	R SR 61	RUFWA LN 43			CVC	VT3	1	
B206690	R SR 63	RUFWA LN 43			CVC	VT3		
B206690	R SR 65	RUFWA LN 43			CVC	VT3		
B206690	R SR 67	RUFWA LN 43			CVC	VT3		
B206690	R SR 69	RUFWA LN 43			CVC	VT3		
B206690	R SR 70	RUFWA LN 43			CVC	VT3		
B206691	43 H 8	RUFWA LN 43			CVC	VT3		
B206691	43 H 9	RUFWA LN 43			CVC	VT3		
B206691	43 H 10	RUFWA LN 43			CVC	VT3		
B206691	43 H 11	RUFWA LN 43			CVC	VT3		
B206691	43 H 12	RUFWA LN 43			CVC	VT3		
B206691	43 H 13	RUFWA LN 43			CVC	VT3		
B206691	43 H 14	RUFWA LN 43			CVC	VT3		
B206691	43 H 15	RUFWA LN 43			CVC	VT3		
B206691	ACH 514	HCSA LN 43	C 219	H 228	CVC	VT3	2	
B206691	ACH 515	HUFW LN 43			CVC	VT3		
B206691	ACH 516	HCFW LN 43			CVC	VT3	2	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.10

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206691	ACH 517	HWSW LN 43	C 81	H 85	CVC	VT3	1	
B206691	PWR 25	RGFW LN 43			CVC	VT3		
B206691	SR 1020	RCFW LN 43			CVC	VT3		
B206691	SR 1020A	RCHW LN 43			CVC	VT3	2	
B206691	SR 1021	RCFW LN 43			CVC	VT3	1	
B206691	SR 1022	RCFW LN 43			CVC	VT3		
B206691	SR 1024	RCFA LN 43			CVC	VT3	1	
B206691	SR 1024A	RCHW LN 43			CVC	VT3		
B206691	SR 1025	RCFA LN 43			CVC	VT3	2	
B206691	SR 1025A	RCHA LN 43			CVC	VT3		
B206691	SR 1026	RCHA LN 43			CVC	VT3	3	
B206692	44 H 5	HDFB LN 44			CVC	VT3		
B206692	44 H 6	HDFB LN 44			CVC	VT3	1	
B206692	44 H 7	HDFB LN 44			CVC	VT3		
B206692	44 H 8	HDFB LN 44			CVC	VT3		
B206692	44 H 9	HUFB LN 44			CVC	VT3		
B206692	44 H 9A	SUFWA LN 44			CVC	VT3		
B206692	44 H 10	RUFWA LN 44			CVC	VT3		
B206692	44 H 11	SUFWA LN 44			CVC	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.10
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206692	44 H 12	SUFWA LN 44			CVC	VT3		
B206692	44 H 13	SUFWA LN 44			CVC	VT3		
B206692	44 H 13A	RUFWA LN 44			CVC	VT3		
B206692	44 H 14	RUFWA LN 44			CVC	VT3	1	
B206693	44 H 15	RUFWA LN 44			CVC	VT3		
B206693	44 H 16	RUFWA LN 44			CVC	VT3		
B206693	44 H A	H LN 44			CVC	VT3		
B206693	ACH 555	SUFW LN 44			CVC	VT3	3	
B206693	ACH 556	HCSW LN 44	C 144	H 142	CVC	VT3	1	
B206693	ACH 557	HCSW LN 44	C 113	H 110	CVC	VT3	1	
B206693	PWR 10	RGFW LN 44			CVC	VT3		
B206693	PWR 36	RGFW LN 44			CVC	VT3	3	
B206693	SR 1072	RCHW LN 44			CVC	VT3	1	
B206693	SR 1073	RCHW LN 44			CVC	VT3	1	
B206713	CH 118	SWSA LN 79	C 759	H 798	CVC	VT3		
B206713	CH 119	SWSA LN 79	C 219	H 231	CVC	VT3		
B206713	CH 120	HCSW LN 79	C 178	H 174	CVC	VT3	2	
B206713	CH 121	H LN 79			CVC	VT3	1	
B206713	CH 122	H LN 79			CVC	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.10

System: CVC

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206713	CH 123	H LN 79			CVC	VT3	2	
B206713	CH 124	H LN 79			CVC	VT3		
B206713	CH 125	HUFB LN 79			CVC	VT3		
B206713	CH 126	H LN 79			CVC	VT3	3	
B206713	CH 127	SUFW LN 79			CVC	VT3		
B206713	CH 128	SWSA LN 79	_____	_____	CVC	VT3		
B206713	PWR 46	R LN 79		IF	CVC	VT3	1	
B206713	PWR 47	RGFW LN 79			CVC	VT3		
B206713	PWR 48	RGFW LN 79			CVC	VT3		
B206713	PWR 49	RGFW LN 79			CVC	VT3	1	
B206713	PWR 50	RGFW LN 79			CVC	VT3		
B206713	PWR 51	RGFW LN 79			CVC	VT3		
B206713	PWR 52	RGFW LN 79			CVC	VT3		
B206713	PWR 53	RGFW LN 79			CVC	VT3	3	
B206713	PWR 54	RGFW LN 79			CVC	VT3		
B206713	PWR 55	RGFW LN 79			CVC	VT3		
B206713	PWR 56	RGFB LN 79			CVC	VT3	3	
B206713	SR 902	RCHW LN 79			CVC	VT3	1	
B206713	SR 903	RCFW LN 79			CVC	VT3		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.10
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206713	SR 907	RCHA LN 79			CVC	VT3		
B206713	SR 908	RCHW LN 79			CVC	VT3		
B206713	SR 911A	RUFWA LN 79			CVC	VT3	3	
B206714	CH 1	H LN 80			CVC	VT3		
B206714	CH 129	HCSA LN 80	C 294	H 302	CVC	VT3		
B206714	CH 130	HCFW LN 80			CVC	VT3	3	
B206714	CH 131	HCFW LN 80			CVC	VT3		
B206714	CH 132	HCFW LN 80			CVC	VT3	1	
B206714	CH 133	SWFM LN 80			CVC	VT3		
B206714	CH 134	SWFM LN 80			CVC	VT3	3	
B206714	PWR 85	RGFA LN 80			CVC	VT3		
B206714	SR 916	RUFW LN 80			CVC	VT3	2	
B206714	SR 918	RUFWA LN 80			CVC	VT3		
B206714	SR 920A	RCHA LN 80			CVC	VT3		
B206723	CH 135	HWSW LN 96	C 261	H 255	CVC	VT3		
B206723	CH 136	HCFWA LN 96			CVC	VT3	1	
B206723	CH 137	RGFB LN 96			CVC	VT3	1	
B206723	CH 138	HCFB LN 96			CVC	VT3	2	
B206723	CH 139	HCFW LN 96			CVC	VT3	2	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.10
System: CVC	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206723	CH 140	HCFW LN 96			CVC	VT3	3	
B206723	PWR 84	RGFW LN 96			CVC	VT3	1	
B206723	PWR 84A	RGFW LN 96			CVC	VT3	1	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206924	R A	21LP RGFW			RCS	VT3	1	
A206924	R B	21LP RGFW			RCS	VT3	1	
A206924	R C	21LP RGFW			RCS	VT3	1	
A206924	R D	21LP RGFW			RCS	VT3	1	
A206925	R A	22LP RGFW			RCS	VT3		
A206925	R B	22LP RGFW			RCS	VT3		
A206925	R C	22LP RGFW			RCS	VT3		
A206925	R D	22LP RGFW			RCS	VT3		
A206926	R A	23LP RGFW			RCS	VT3		
A206926	R B	23LP RGFW			RCS	VT3		
A206926	R C	23LP RGFW			RCS	VT3		
A206926	R D	23LP RGFW			RCS	VT3		
A206927	R A	24LP RGFW			RCS	VT3		
A206927	R B	24LP RGFW			RCS	VT3		
A206927	R C	24LP RGFW			RCS	VT3		
A206927	R D	24LP RGFW			RCS	VT3		
B206707	PWR	90 RGFW LN 61			RCS	VT3		
B206707	PWR	90A RGFW LN 61			RCS	VT3	2	
B206707	PWR	91 RGFWA LN 61			RCS	VT3		



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.10
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206707	PWR 91A	RGFA LN 61			RCS	VT3		
B206707	PWR 92	RGFA LN 61			RCS	VT3		
B206707	PWR 94	RGFA LN 61			RCS	VT3	2	
B206707	PWR 95	RGFA LN 61			RCS	VT3		
B206707	PWR 96	RGFA LN 61			RCS	VT3		
B206707	PWR 97	RGFA LN 61			RCS	VT3	3	
B206707	PWR 98	RGFA LN 61			RCS	VT3		
B206707	PWR 99	RGFA LN 61			RCS	VT3	1	
B206707	RCH 61	HCFA LN 61			RCS	VT3		
B206707	RCH 62	HCFA LN 61			RCS	VT3	1	
B206707	RCH 63	HCFA LN 61			RCS	VT3	1	
B206707	RCH 64	SWFM LN 61			RCS	VT3		
B206707	RCH 65	HCFA LN 61			RCS	VT3	2	
B206707	RCH 66	HCFA LN 61			RCS	VT3	3	
B206707	RCH 67	SWSA LN 61	C 229	H 208	RCS	VT3		
B206707	RCH 68	SWSB LN 61	C 235	H 214	RCS	VT3		
B206707	SR 882	RCFA LN 61			RCS	VT3	1	
B206707	SR 883	RGFW LN 61			RCS	VT3		
B206707	SR 884A	RCFA LN 61			RCS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206707	SR 884B	RCFW LN 61			RCS	VT3		
B206708	PWR 93	RGFB LN 61			RCS	VT3	2	
B206708	PWR 100	RGFWA LN 61			RCS	VT3		
B206708	PWR 101	RGFW LN 61			RCS	VT3	3	
B206708	PWR 102A	RGFW LN 61			RCS	VT3		
B206708	PWR 103	RGFW LN 61			RCS	VT3		
B206708	RCH 69	SWSM LN 61	C 164	H 141	RCS	VT3		
B206708	RCH 71	SWSW LN 61	CONST	147	RCS	VT3	3	
B206708	RCH 72	HWSA LN 6	CONST	750	RCS	VT3	1	
B206708	SR 100	R LN 61			RCS	VT3	2	
B206708	SR 887	RCHW LN 61			RCS	VT3		
B206708	SR 888	RCFW LN 61			RCS	VT3		
B206708	SR 889	RCFW LN 61			RCS	VT3		
B206708	SR 890	RCFA LN 61			RCS	VT3		
B206708	SR 892	RCFA LN 61			RCS	VT3	1	
B206708	SR 892A	RCFA LN 61			RCS	VT3		
B206708	SR 893	R LN 61			RCS	VT3		
B206708	SR 894	R LN 61			RCS	VT3	1	
B206708	SR 921	RUFW LN 61			RCS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206709	62 SR 1	RCHW LN 62			RCS	VT3		
B206709	62 SR 2	HCHW LN 62			RCS	VT3		
B206709	62 SR 3	RCHW LN 62			RCS	VT3		
B206709	PWR 97	RGFW LN 62			RCS	VT3		
B206709	PWR 98A	RGFA LN 62			RCS	VT3		
B206709	PWR 99A	RGFWA LN 62			RCS	VT3	1	
B206709	PWR 100	RGFWA LN 62			RCS	VT3		
B206709	PWR 101	RGFW LN 62			RCS	VT3		
B206709	RCH 70	SWSW LN 62	CONST	486	RCS	VT3		
B206709	RCH 73	HCSM LN 62	C1331	H1136	RCS	VT3		2
B206709	RCH 74	HCSW LN 62	CONST	220	RCS	VT3		
B206709	RCH 75	HCSW LN 62	CONST	121	RCS	VT3		
B206709	SR 889	RCFA LN 62			RCS	VT3		
B206709	SR 924	RCHW LN 62			RCS	VT3		
B206709	SR 924A	RCFW LN 62			RCS	VT3		
B206710	PWR 120	RWFB LN 63			RCS	VT3		1
B206710	PWR 121	RWFB LN 63			RCS	VT3		
B206710	PWR 122	RGCW LN 63			RCS	VT3		2
B206710	PWR 123	RGCW LN 63			RCS	VT3		1

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206710	PWR 125	RGCW LN 63			RCS	VT3		
B206710	RCH 76	HCSA LN 63	C8243	H8620	RCS	VT3	1	
B206710	RCH 78	RCSA LN 63	RACE	SWAY B	RCS	VT3	1	
B206711	64 H 2	SCSA LN 64	C 468	H 380	RCS	VT3	1	
B206711	64 H 3	HCSA LN 64	C 138	H 122	RCS	VT3		
B206711	64 H 4	HCFA LN 64			RCS	VT3	3	
B206711	64 H 5	S LN 64			RCS	VT3	1	
B206711	64 H 5A	S LN 64			RCS	VT3	3	
B206711	64 H 6	HCSA LN 64	C 213	H 190	RCS	VT3		
B206711	64 SR 6	RCFA LN 64			RCS	VT3		
B206711	64 SR 7	RCFA LN 64			RCS	VT3	1	
B206711	64 SR 8	RCFA LN 64			RCS	VT3	1	
B206711	64 SR 9	RGFA LN 64			RCS	VT3		
B206711	64 SR 10	RCFA LN 64			RCS	VT3	1	
B206711	64 SR 11	RUFA LN 64			RCS	VT3		
B206711	64 SR 12	RCFA LN 64			RCS	VT3	3	
B206711	64 SR 15	RCFA LN 64			RCS	VT3		
B206711	64 SR 16	RCFA LN 64			RCS	VT3		
B206711	64 SR 21	RUFA LN 64			RCS	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.10

System: RCS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206711	64 SR 22	RUFA LN 64			RCS	VT3		
B206711	64 SR 23	SUFA LN 64			RCS	VT3	2	
B206711	64 SR 24	SUFA LN 64			RCS	VT3	1	
B206711	64 SR 25	RUFA LN 64			RCS	VT3	1	
B206711	64 SR 400	RUFA LN 64			RCS	VT3		
B206711	PWR 104A	RGFA LN 64			RCS	VT3		
B206711	PWR 104B	RGFA LN 64			RCS	VT3		
B206711	PWR 104C	RGFA LN 64			RCS	VT3	3	
B206711	PWR 104D	RGFA LN 64			RCS	VT3		
B206711	PWR 105	RGFA LN 64			RCS	VT3	1	
B206711	PWR 106	RGFA LN 64			RCS	VT3		
B206711	PWR 107	RGFA LN 64			RCS	VT3		
B206711	PWR 108	RGFA LN 64			RCS	VT3		
B206711	PWR 109	RGFA LN 64			RCS	VT3		
B206712	70 PR 101	RGFW LN 70			RCS	VT3	1	
B206712	70 SR 10	HCSW LN 70			RCS	VT3	1	
B206712	70 SR 13	RCSW LN 70			RCS	VT3	1	
B206712	RCH 52	HCSW LN 70	CONST	581	RCS	VT3	3	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.10
System: RHR	

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206669	ACH 221	HCSW LN 10	C5491	H5916	RHR	VT3		
B206669	ACH 222	HCFW LN 10			RHR	VT3	3	
B206669	ACH 223	HCFW LN 10			RHR	VT3		
B206669	ACH 224	HCFA LN 10			RHR	VT3		
B206669	ACH 225	SWSA LN 10			RHR	VT3		
B206669	ACH 225A	HCFW LN 10			RHR	VT3		
B206669	PWR 7	RGCW LN 10			RHR	VT3		
B206669	PWR 7A	RGCW LN 10			RHR	VT3	3	
B206669	PWR 7C	RGCA LN 10			RHR	VT3		
B206669	PWR 7D	RGFA LN 10			RHR	VT3	1	
B206669	PWR 7E	RGFA LN 10			RHR	VT3		
B206669	SR 807	RCHW LN 10			RHR	VT3		
B206669	SR 809	RCHA LN 10			RHR	VT3	2	
B206669	SR 809A	RCHA LN 10			RHR	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.10

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206682	16 H 8	H LN 16			SIS	VT3		
B206682	16 H 9	H LN 16			SIS	VT3		
B206682	PWR 3	R LN 16			SIS	VT3		
B206682	PWR 3A	R LN 16			SIS	VT3		
B206682	RSR 34B	R LN 16			SIS	VT3		
B206682	RSR 34C	R LN 16			SIS	VT3		
B206683	16 H 10	HDSA LN 16	C 100	H 95	SIS	VT3	3	
B206683	16 H 20	SUFA LN 16			SIS	VT3	1	
B206683	16 H 21	RUFA LN 16			SIS	VT3		
B206683	16 H 22	SUFA LN 16			SIS	VT3		
B206683	16 H 23	SUFA LN 16			SIS	VT3	2	
B206683	16 H 24	SUFA LN 16			SIS	VT3		
B206683	16 H 25	SUFA LN 16			SIS	VT3		
B206683	16 H 26	SCSA LN 16	C 74	H 90	SIS	VT3		
B206683	16 H 27	S LN 16			SIS	VT3		
B206683	16 H 28	SUFA LN 16			SIS	VT3		
B206683	56 H 1	HCSA LN 16	C 76	H 72	SIS	VT3		
B206683	56 SR 1	RCHWA LN 16			SIS	VT3	1	
B206683	PWR 1	RWFM LN 16			SIS	VT3		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.10

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206683	PWR 2	RGFW LN 16			SIS	VT3		
B206702	56 H 11	HCFA LN 56			SIS	VT3	2	
B206702	56 H 12	HCFA LN 56			SIS	VT3		
B206702	56 H 13	HCFA LN 56			SIS	VT3		
B206702	56 H 14	RUFA LN 56			SIS	VT3		
B206702	56 H 15	HCSA LN 56	C 70	H 66	SIS	VT3		
B206702	56 H 16A	HCFA LN 56			SIS	VT3		
B206702	56 H 17A	HCFA LN 56			SIS	VT3		
B206702	56 SR 11A	RUFA LN 56			SIS	VT3	2	
B206702	56 SR 12	RCHA LN 56			SIS	VT3		
B206702	56 SR 13	RCFA LN 56			SIS	VT3	1	
B206702-4	56 SR 14	RCFA LN 56			SIS	VT3		
B206702	56 SR 15	RCFW LN 56			SIS	VT3		
B206702	PWR 1A	RWFM LN 56			SIS	VT3		
B206719	SIH 223	HWSA LN 93Y	C 599	H 570	SIS	VT3		
B206719	SR 750	RCFA LN 93Y			SIS	VT3	1	
B206719	SR 750A	RCFW LN 93Y			SIS	VT3		
B206719	SR 751	RCFA LN 93Y			SIS	VT3	1	
B206901	PWR 4	RWFM LN350			SIS	VT3	3	



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.10

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206901	PWR 6	RGFW LN350			SIS	VT3		
B206901	SIH 185	SUSW LN350	C2537	H2417	SIS	VT3	3	
B206901	SIH 186	HUSW LN350	C2888	H2828	SIS	VT3		
B206903	351 SR 1	RCHA LN351			SIS	VT3		
B206903	PWR 127	RCHA LN351			SIS	VT3	1	
B206903	PWR 128	RCHW LN351			SIS	VT3		
B206903	PWR 129	HCHA LN351			SIS	VT3	2	
B206903	SIH 179	HCSW LN351	C2645	H2769	SIS	VT3		
B206903	SIH 179A	HCSW LN351	C2354	H2234	SIS	VT3	1	
B206903	SIH 215	HCSW LN351	C1152	H1230	SIS	VT3		
B206903	SIH 216	HWFA LN351			SIS	VT3	2	
B206904	PWR 4	RWF LN352			SIS	VT3		
B206904	PWR 5	RGFW LN352			SIS	VT3	3	
B206904	PWR 151	RGFM LN352			SIS	VT3	1	
B206904	PWR 152	RCHA LN352			SIS	VT3	1	
B206904	SIH 167	HCSW LN352	C2945	H2704	SIS	VT3		
B206904	SIH 168	HWSMA LN352	C5668	H5101	SIS	VT3	3	
B206905	PWR 4	RWF LN353			SIS	VT3		
B206905	PWR 134	RGFB LN353			SIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.10

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206905	PWR 146	RCFB LN353			SIS	VT3		
B206905	PWR 146A	RWFB LN353			SIS	VT3	1	
B206905	PWR 147A	RCHW LN353			SIS	VT3		
B206905	SIH 205	HWSW LN353	C1890	H1708	SIS	VT3	1	
B206905	SIH 206	HCSW LN353	C3711	H3470	SIS	VT3		
B206908	PWR 133	SGFW LN358Z			SIS	VT3	3	
B206908	PWR 134	RGFB LN358Z			SIS	VT3		
B206908	SIH 213	SWFMW LN358Z			SIS	VT3	2	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.20

System: ACS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206667	ACH 65	SWFM LN 9Y			ACS	VT3		
A206667	ACH 66	HCS LN 9Y			ACS	VT3		
A206667	ACH 67A	SUFM LN 9Y			ACS	VT3		
A206667	ACH 68	HCSA LN 9Y	C1197	H1171	ACS	VT3		
A206667	ACH 69	HCSA LN 9	C 907	H 927	ACS	VT3		
A206667	ACH 69A	SWFM LN 9			ACS	VT3	2	
A206667	ACH 70	SCSW LN 9	C1418	H1316	ACS	VT3	2	
A206667	ACH 104	HWSB LN 9			ACS	VT3		
A206667	ACH 105	HWSW LN 9	C2387	H2723	ACS	VT3		
A206667	ACH 105B	SWSA LN 9	C1387	H1540	ACS	VT3		
A206667	ACH 106	SWSA LN 9	C3182	H3455	ACS	VT3		
A206667	SR 51	SGFW LN 9Y		.203	ACS	VT3	3	
A206667	SR 53	RWFA LN 9Y			ACS	VT3	3	
A206667	SR 54	RCFW LN 9Y			ACS	VT3		
A206667	SR 55	RWHA LN 9Y			ACS	VT3		
A206667	SR 56	RCFW LN 9			ACS	VT3	1	
A206667	SR 57	RCFWA LN 9			ACS	VT3	1	
A206667	SR 58	RWFA LN 9			ACS	VT3	1	
A206667	SR 59	RWFA LN 9			ACS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: ACS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206668	ACH 215	SWFW LN 9			ACS	VT3	1	
A206668	ACH 216	SWSW LN 9	C3101	H2941	ACS	VT3		
A206668	ACH 217	SWFA LN 9			ACS	VT3		
A206668	ACH 218	SWFA LN 9			ACS	VT3		
A206668	ACH 219	SWFA LN 9			ACS	VT3		
A206668	ACH 220	HCSW LN 9	C2043	H2224	ACS	VT3		
A206668	ACH 321	HCSW LN 9	C 819	H 973	ACS	VT3		
A206668	ACH 322	SWFW LN 9			ACS	VT3		
A206668	ACH 323	SWFW LN 9Y			ACS	VT3		
A206668	ACH 324	SWFW LN 9Y			ACS	VT3	1	
A206668	SR 747A	RCFA LN 9Y			ACS	VT3		
A206668	SR 747B	RCFA LN 9Y			ACS	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.20
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System: BFD
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206663	BFD 45	SWSW LN 5	C9082	H9459	BFD	VT3		
A206663	BFDR 2	RWFM LN 5			BFD	VT3		
A206663	BFDR 8	RWFM LN 5			BFD	VT3		
A206663	BFDR 19	RWCM LN 5			BFD	VT3		
A206663	HBF 2	HWSW LN 5	13652	12737	BFD	VT3		
A206663	HBF 9	RWFM LN 5			BFD	VT3		
A206663	HBF 9A	RWFM LN 5			BFD	VT3		
A206663	HBF 17	RWFM LN 5			BFD	VT3		
A206663	HBF 18	RWFM LN 5			BFD	VT3		
A206663	HBF 19	RWFM LN 5			BFD	VT3		
A206663	PR 4	RWFM LN 5			BFD	VT3	1	
A206663	PR 5	RWFM LN 5			BFD	VT3		
A206663	PR 19	RGCM LN 5			BFD	VT3		
A206663	PR 24	RUCB LN 5			BFD	VT3	1	
A206663	R 21	RGFB LN 5			BFD	VT3		
A206663	R 22	RGFB LN 5			BFD	VT3		
A206663	R 23	RUCB LN 5			BFD	VT3		
A206663	RESTRAINT	RGFWA LN 5			BFD	VT3		
A206664	BF SR 9	RCHW LN 6			BFD	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.20
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System: BFD
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206664	BFD 46	HWFN LN 6			BFD	VT3		
A206664	BFDR 1	RWFM LN 6			BFD	VT3		
A206664	BFDR 5	RWFN LN 6			BFD	VT3	3	
A206664	BFDR 7	RWFM LN 6			BFD	VT3		
A206664	HBF 1	HWSW LN 6	C7495	H6890	BFD	VT3		
A206664	HBF 10	RWFM LN 6			BFD	VT3		
A206664	HBF 10A	RWFM LN 6			BFD	VT3		
A206664	HBF 17	RWFM LN 6			BFD	VT3		
A206664	HBF 18	RWFM LN 6			BFD	VT3		
A206664	HBF 19	RWFM LN 6			BFD	VT3		
A206664	PR 4	RWFM LN 6			BFD	VT3	2	
A206664	PR 5	RWFM LN 6			BFD	VT3		
A206664	R 11	RWFB LN 6			BFD	VT3		
A206664	R 12	RUCB LN 6			BFD	VT3		
A206664	R 13	RUCB LN 6			BFD	VT3		
A206664	RESTRAINT	RGFWA LN 6			BFD	VT3		
A206665	BFD 43	HWFN LN 7			BFD	VT3	1	
A206665	BFDR 4	RWFM LN 7			BFD	VT3		
A206665	BFDR 6	RWFN LN 7			BFD	VT3		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: BFD

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206665	BFDR 10	RWFM LN 7			BFD	VT3	1	
A206665	HBF 3	HWSW LN 7	10382	H9380	BFD	VT3		
A206665	HBF 11	RWFM LN 7			BFD	VT3		
A206665	HBF 11A	RWFM LN 7			BFD	VT3		
A206665	HBF 14	RWFM LN 7			BFD	VT3		
A206665	HBF 15	RWFM LN 7			BFD	VT3		
A206665	HBF 16	RWFM LN 7			BFD	VT3		
A206665	PR 1	RWFM LN 7			BFD	VT3	3	
A206665	PR 2	RWFM LN 7			BFD	VT3	2	
A206665	PR 3	RWFM LN 7			BFD	VT3		
A206665	PR 18	RWCM LN 7			BFD	VT3		
A206665	R 51	RWFB LN 7			BFD	VT3		
A206665	R 52	RUCB LN 7			BFD	VT3	1	
A206665	R 53	RUCB LN 7			BFD	VT3		
A206665	RESTRAINT	RGFWA LN 7			BFD	VT3	2	
A206666	BFD 44	SWSW LN 8	C8869	H9246	BFD	VT3		
A206666	BFDR 3	RWFW LN 8			BFD	VT3		
A206666	BFDR 9	RWFM LN 8			BFD	VT1		
A206666	HBF 4	HWSW LN 8	10870	10410	BFD	VT3	1	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: BFD

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206666	HBF 12	RWFM LN 8			BFD	VT3	2	
A206666	HBF 12A	RWFM LN 8			BFD	VT3		
A206666	HBF 13	RWFM LN 8			BFD	VT3		
A206666	HBF 14	RWFM LN 8			BFD	VT3	1	
A206666	HBF 15	RWFM LN 8			BFD	VT3	1	
A206666	HBF 16	RWFM LN 8			BFD	VT3	3	
A206666	PR 1	RWFM LN 8			BFD	VT3	1	
A206666	PR 2	RWFM LN 8			BFD	VT3	1	
A206666	PR 3	RWFM LN 8			BFD	VT3	1	
A206666	R 61	RGFB LN 8			BFD	VT3		
A206666	R 62	RGFB LN 8			BFD	VT3		
A206666	R 63	RGCB LN 8			BFD	VT3	3	
A206666	R 64	RGCB LN 8			BFD	VT3		
A206666	RESTRAINT	RGFWA LN 8			BFD	VT3		



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206681	1752-HSR-1	RGFA	4.0		HIS	VT3		
A206681	SIH 50	RGFA	6.0		HIS	VT3		
A206681	SIH 51	HCSA	6.0		HIS	VT3		
A206681	SIH 52	HCSA	6.0		HIS	VT3	1	
A206681	SIH 113	HCSA	6.0		HIS	VT3		
A206681	SIH 114	HWSA	6.0		HIS	VT3		
A206681	SIH 116	HWSA	6.0		HIS	VT3		
A206681	SIH 117	HCSA	6.0		HIS	VT3		
A206681	SIH 118	HCSA	6.0		HIS	VT3		
A206681	SIH-16-H-1	HCSA	6.0		HIS	VT3		
A206681	SR 86A	RCFA	6.0		HIS	VT3	2	
A206681	SR 86B	RCFA	6.0		HIS	VT3		
A206681	SR 86C	RCFA	6.0		HIS	VT3		
A206681	SR 87	RCFA	6.0		HIS	VT3		
A206681	SR 88	RCFA	6.0		HIS	VT3		
A206681	SR 89	RWFA	6.0		HIS	VT3	3	
A206681	SR 90	RCFA	6.0		HIS	VT3		
A206681	SR 91	RCFA	6.0		HIS	VT3		
A206681	SR 91A	RCFA	6.0		HIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.20
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System: HIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206681	SR 93	RCFA	6.0		HIS	VT3		
A206681	SR 94	RCFA	6.0		HIS	VT3		
A206681	SR 100	RCFA	4.0		HIS	VT3		
A206682	16 H 3	SUFB	2.0		HIS	VT3		
A206682	16 H 4	SUFB	2.0		HIS	VT3	1	
A206682	16 H 5	SUFB	2.0		HIS	VT3		
A206682	16 H 6	SUFB	2.0		HIS	VT3		
A206682	16 H 7	SUFB	2.0		HIS	VT3		
A206682	16 H 30	SUFB	2.0		HIS	VT3		
A206682	16 H 31	HCFA	2.0		HIS	VT3	2	
A206682	16 SR 1	HUFB	6.0		HIS	VT3		
A206682	RSR 34A	SUFB	2.0		HIS	VT3		
A206682	SIH 163	HCFA	6.0		HIS	VT3		
A206682	SIH 164	HCFA	6.0		HIS	VT3		
A206682	SIH 165	SWFC	6.0		HIS	VT3		
A206682	SIH 166	SWFC	6.0		HIS	VT3	3	
A206682	SIS H 1	HUFB	2.0		HIS	VT3		
A206682	SR 709	RCFA	6.0		HIS	VT3		
A206682	SR 710	RCFA	6.0		HIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.20
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System: HIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206682	SR 711	RGFA	6.0		HIS	VT3		
A206682	SR 712	RGFA	6.0		HIS	VT3		
A206683	16 H 29	SUFA	2.0		HIS	VT3	3	
A206683	SISH 3	HCSA	2.0		HIS	VT3		
A206683	SISR 2	RUFA	2.0		HIS	VT3		
A206698	1753HSR 1	RGFA	4.0		HIS	VT3		
A206698	56 H132	SGFA	4.0		HIS	VT3		
A206698	56HSR100	RGFA	6.0		HIS	VT3		
A206698	SIH 38	HCFA	4.0		HIS	VT3	2	
A206698	SIH 39	RGFA	4.0		HIS	VT3		
A206698	SIH 40	RGFA	6.0		HIS	VT3		
A206698	SIH 41	RGFA	6.0		HIS	VT3	1	
A206698	SIH 49	SWSW	6.0		HIS	VT3		
A206698	SIH 109	SUFB	6.0		HIS	VT3		
A206698	SIH 110	SWFW	6.0		HIS	VT3		
A206698	SIH 111	SWFW	6.0		HIS	VT3		
A206698	SIH 112A	SWSA	6.0		HIS	VT3		
A206698	SR 84C	RGFA	2.5		HIS	VT3		
A206698	SR 86	RCFA	4.0		HIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.20
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System: HIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206698	SR 92	RCFA	6.0		HIS	VT3	1	
A206698	SR 95	RCFA	6.0		HIS	VT3		
A206698	SR 95A	RCFA	6.0		HIS	VT3		
A206698	SR 95B	RCFA	6.0		HIS	VT3		
A206698	SR 96	RCFA	6.0		HIS	VT3		
A206698	SR 97	RCFA	6.0		HIS	VT3		
A206698	SR 98	RCFA	6.0		HIS	VT3	2	
A206698	SR 101	RGFA	6.0		HIS	VT3		
A206698	SR 101A	RGFA	6.0		HIS	VT3		
A206698	SR 102	RGFA	6.0		HIS	VT3		
B206699	SIH 156	SUFB	6.0		HIS	VT3		
B206699	SIH 157	HCFA	6.0		HIS	VT3		
B206699	SIH 158	SWFC	6.0		HIS	VT3		
B206699	SIH 159	SWFC	6.0		HIS	VT3	3	
B206699	SIH 160	HUFB	6.0		HIS	VT3		
B206699	SIH 161	SWFC	6.0		HIS	VT3		
B206699	SIH 162	HCFA	6.0		HIS	VT3		
B206699	SR 704	RCFA	6.0		HIS	VT3		
B206699	SR 705	RGFW	6.0		HIS	VT3		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: HIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206699	SR 706	RGFW	6.0		HIS	VT3		
B206699	SR 707	RGFW	6.0		HIS	VT3	3	
B206699	SR 721	RCFA	6.0		HIS	VT3		
B206700	56 H 4	HCFA	2.0		HIS	VT3		
B206700	56 H 5	HCFA	2.0		HIS	VT3		
B206700	56 H 6	SCSW	2.0		HIS	VT3		
B206700	56 H 7	SCFA	2.0		HIS	VT3		
B206700	56 H 8	HCFA	2.0		HIS	VT3		
B206700	56 SR 4	HUFB	2.0		HIS	VT3	1	
B206700	56 SR 4A	HUFB	2.0		HIS	VT3		
B206700	56 SR 5	RCFB	2.0		HIS	VT3		
B206700	56 SR 6	RCSA	2.0		HIS	VT3		
B206700	56 SR 7	RCFA	2.0		HIS	VT3		
B206700	56 SR 8	RCFA	2.0		HIS	VT3		
B206701	56 H 25	SUFB	2.0		HIS	VT3		
B206701	56 H 27	SUFB	2.0		HIS	VT3		
B206701	56 H 28	SUFB	2.0		HIS	VT3		
B206701	56 H 29	SUFB	2.0		HIS	VT3	2	
B206701	56 H 30	RUFB	2.0		HIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.20
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System: HIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206701	56 H 31	HCFA	2.0		HIS	VT3		
B206701	56 SR26	RCSA	2.0		HIS	VT3		
B206702	56 H 10	RUFB	2.0		HIS	VT3		
B206702	56 H 10A	RCFA	2.0		HIS	VT3		
B206702	56 SR10	SCSA	2.0		HIS	VT3		
B227782	16 H132	RGFA	4.0		HIS	VT3	2	
B227782	16 SR 3	RGFA	4.0		HIS	VT3		
B227782	16HSR100	RGFA	4.0		HIS	VT3		
B227782	16HSR101	RGFA	4.0		HIS	VT3		
B227782	SIH 42	HCSA	4.0		HIS	VT3		
B227782	SIH 46	HCSA	4.0		HIS	VT3	3	
B227782	SR 84	RCFA	4.0		HIS	VT3		
B227782	SR 84A	SGFA	2.5		HIS	VT3		
B227782	SR 84B	SGFA	2.5		HIS	VT3		
B227782	SR 85	RCFA	4.0		HIS	VT3		
B227782	SR 721	?			HIS	VT3		
B227782	SR 731	?			HIS	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.20
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System: MS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206655	HMS 2	HWSW LN 1	10852	H9760	MS	VT3		
B206655	HMS 6	RWFM LN 1			MS	VT3	2	
B206655	HMS 6A	RWFM LN 1			MS	VT3		
B206655	HMS 13	SWFM LN 1			MS	VT3	1	
B206655	HMS 14	SWFM LN 1			MS	VT3		
B206655	HMS 15	SWFM LN 1			MS	VT3		
B206655	HMS 16	SGFW LN 1			MS	VT3		
B206655	HMS 17	SWSA LN 1	16642	14560	MS	VT3	3	
B206655	MSR 2V	SCHA LN 1			MS	VT3	3	
B206655	PR 4	RWFM LN 1			MS	VT3	2	
B206655	PR 5	SWFM LN 1			MS	VT3		
B206655	PR 6	RWCM LN 1			MS	VT3		
B206655	PR 7	RWCM LN 1			MS	VT3		
B206655	PR 10	RWCM LN 1			MS	VT3	1	
B206655	PR 11	RWCM LN 1			MS	VT3	1	
B206655	PR 41	RGFB LN 1			MS	VT3		
B206655-3	PR 42	RUCB LN 1			MS	VT3		
B206655	PR 43	RUCB LN 1			MS	VT3		
B206655	RESTRAINT	RFWA LN 1			MS	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.20
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System: MS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206656	MS 355	HCSW LN 1	19829	20714	MS	VT3	1	
B206656	MS 356	HCFW LN 1			MS	VT3		
B206656	MS 373	HCSW LN 1	C1685	H1640	MS	VT3		
B206656	MSR 7	RWFM LN 1			MS	VT3	2	
B206656	MSR 8	RWFM LN 1			MS	VT3		
B206656	MSR 12	RWFM LN 1			MS	VT3		
B206656	MSR 18	RWFM LN 1		1.128	MS	VT3		
B206656	MSR 22	RWFM LN 1			MS	VT3		
B206656	MSR 28	RWFM LN 1			MS	VT3		
B206656	MSR 30	RWFM LN 1			MS	VT3		
B206656	SR M 4	RCHA LN 1			MS	VT3		
B206656	SR M 5A	RCHW LN 1			MS	VT3	1	
B206656	SR M 5B	RCHW LN 1			MS	VT3		
B206656	SR M 29	RCHW LN 1			MS	VT3		
B206657	HMS 1	HWSW LN 2	19372	17500	MS	VT3		
B206657	HMS 5	RWFM LN 2			MS	VT3	3	
B206657	HMS 5A	RWFM LN 2			MS	VT3		
B206657	HMS 13	RWFM LN 2			MS	VT3		
B206657	HMS 14	RWFM LN 2			MS	VT3		



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.20
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System: MS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206657	HMS 15	RWFM LN 2			MS	VT3		
B206657	PR 4	RWFM LN 2			MS	VT3		
B206657	PR 5	SWFM LN 2			MS	VT3	2	
B206657	PR 8	RGCM LN 2			MS	VT3		
B206657	PR 9	RGCM LN 2			MS	VT3		
B206657	PR 31	RGFB LN 2			MS	VT3		
B206657	PR 32	RWFB LN 2			MS	VT3		
B206657	RESTRAINT	RWFVA LN 2			MS	VT3	3	
B206658	MS 361	HCSW LN 2	28298	25660	MS	VT3	1	
B206658	MS 362	HWSW LN 2	18172	15481	MS	VT3	1	
B206658	MS 374	HCSW LN 2	C2762	H2250	MS	VT3	1	
B206658	MSR 3	RWFM LN 2			MS	VT3		
B206658	MSR 4	RWFM LN 2			MS	VT3	3	
B206658	MSR 11	RWFM LN 2			MS	VT3		
B206658	MSR 13	RWFM LN 2			MS	VT3		
B206658	MSR 16	RWFM LN 2		1.128	MS	VT3		
B206658	MSR 17	RWFM LN 2		1.128	MS	VT3		
B206658	MSR 21	RWFM LN 2			MS	VT3	1	
B206658	MSR 24	RWFM LN 2			MS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.20
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System: MS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206658	MSR 27	RWFM LN 2			MS	VT3		
B206658	MSR 29	RWFM LN 2			MS	VT3		
B206658	SR M 1	HCHW LN 2			MS	VT3	1	
B206658	SR M 2	RCHW LN 2			MS	VT3		
B206658	SR M 3A	RCHW LN 2			MS	VT3		
B206658	SR M 3B	RCHW LN 2			MS	VT3		
B206658	SR M 51	HCHW LN 2			MS	VT3		
B206659	HMS 3	HWSW LN 3	C9095	H8450	MS	VT3		
B206659	HMS 7A	RWFM 8			MS	VT3		
B206659	HMS 8	RWFM LN 3			MS	VT3		
B206659	HMS 9	RWFM LN 3			MS	VT3		
B206659	HMS 10	RWFM LN 3			MS	VT3		
B206659	HMS 11	RWFM LN 3			MS	VT3		
B206659	HMS 12	RWFM LN 3			MS	VT3		
B206659	HMS 18	SWSA LN 3	16452	14370	MS	VT3		
B206659	MSR 1V	RCHA LN 3			MS	VT3		
B206659	PR 1	SWFM LN 3			MS	VT3		
B206659	PR 2	SWFM LN 3			MS	VT3	2	
B206659	PR 3	RWFM LN 3			MS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: MS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206659	PR 12	RWCM LN 3			MS	VT3		
B206659	PR 13	RGCM LN 3			MS	VT3		
B206659	PR 16	RWCM LN 3			MS	VT3		
B206659	PR 17	RWCM LN 3			MS	VT3		
B206659	PR 71	RGFB LN 3			MS	VT3		
B206659	PR 72	RGFB LN 3			MS	VT3		
B206659	PR 73	RUCB LN 3			MS	VT3		
B206659	RESTRAINT	RWFVA LN 3			MS	VT3		
B206660	MS 371A	HCSW LN 3	CONST	9321	MS	VT3	3	
B206660	MS 372	HWSW LN 3	C4516	H4090	MS	VT3	1	
B206660	MS 376	HUSW LN 3	C2085	H1768	MS	VT3		
B206660	MSR 1	RWFM LN 3			MS	VT3		
B206660	MSR 2	RWFM LN 3			MS	VT3		
B206660	MSR 9	RWFM LN 3			MS	VT3		
B206660	MSR 14	RWFM LN 3			MS	VT3		
B206660	MSR 15	RWFM LN 3			MS	VT3	1	
B206660	MSR 20	RWFM LN 3			MS	VT3		
B206660	MSR 23	RWFM LN 3			MS	VT3		
B206660	MSR 26	RWFM LN 3			MS	VT3	1	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.20
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System: MS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206660	SR M 6	HCHW LN 3			MS	VT3		
B206660	SR M 7	RCHA LN 3			MS	VT3	1	
B206660	SR M 8A	RCHW LN 3			MS	VT3		
B206661	HMS 4	HWSW LN 4	21158	18250	MS	VT3		
B206661	HMS 7	RWFM LN 4			MS	VT3		
B206661	HMS 8A	RWFM LN 4			MS	VT3		
B206661	HMS 9	RWFM LN 4			MS	VT3		
B206661	HMS 10	RWFM LN 4			MS	VT3		
B206661	HMS 11	RWFM LN 4			MS	VT3		
B206661	HMS 12	RWFM LN 4			MS	VT3		
B206661	HMS 19	RWFW LN 4			MS	VT3		
B206661	PR 1	SWFM LN 4			MS	VT3		
B206661	PR 2	SWFM LN 4			MS	VT3	2	
B206661	PR 3	RWFM LN 4			MS	VT3		
B206661	PR 14	RWCM LN 4			MS	VT3		
B206661	PR 15	RWCM LN 4			MS	VT3		
B206661	PR 81	RGFW LN 4			MS	VT3		
B206661	PR 82	RUCB LN 4			MS	VT3		
B206661	PR 83	RUCB LN 4			MS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: MS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206661	RESTRAINT	RGFWA LN 4			MS	VT3		
B206662	MS 367	HCSW LN 4	16934	16492	MS	VT3	3	
B206662	MS 375	HUSW LN 4	C1239	H1137	MS	VT3		
B206662	MSR 5	RWFM LN 4			MS	VT3		
B206662	MSR 6	RWFM LN 4			MS	VT3		
B206662	MSR 10	RWFM LN 4			MS	VT3		
B206662	MSR 19	RWFM LN 4			MS	VT3		
B206662	MSR 25	RWFM LN 4			MS	VT3		
B206662	SR M 9	RCHA LN 4			MS	VT3		
B206662	SR M 10A	RCHW LN 4			MS	VT3		
B206662	SR M 56	HCHW LN 4			MS	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.20

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206670-4	ACH 71	HWSB LN 10	C5804	H4796	RHR	VT3	1	
A206670-4	ACH 72	HCS LN 10	14.0		RHR	VT3		
A206670-4	ACH 73	SWFB LN 10Y	10.0		RHR	VT3		
A206670-4	ACH 73A	SWSA LN 10Y	C2652	H -	RHR	VT3		
A206670-4	ACH 101	SWSA LN 10	C5664	H6070	RHR	VT3	2	
A206670-4	ACH 102	HWSA LN 10	C4250	H3824	RHR	VT3	1	
A206670-4	ACH 103	HWSA LN 10	C1754	H1549	RHR	VT3	3	
A206670-4	SR 50A	RCHA LN 10	14.0		RHR	VT3		
A206670-4	SR 60	RWFA LN 10	14.0		RHR	VT3		
A206670-4	SR 61	RWFA LN 10	14.0		RHR	VT3		
A206670-4	SR 62	RCFA LN 10	14.0		RHR	VT3	1	
A206670-4	SR 63	RCFA LN 10	14.0		RHR	VT3	1	
A206670-4	SR 65	RWHA LN 10	14.0	.500	RHR	VT3		
B206669	ACH 226	HCFW LN 10			RHR	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.20
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206677	SIH 14	HCF LN 15			SIS	VT3	3	
B206677	SIH 14A	HCF LN 15			SIS	VT3		
B206677	SIH 15	HCF LN 15			SIS	VT3		
B206677	SIH 16	HCF LN 15			SIS	VT3		
B206677	SIH 17	HCF LN 15			SIS	VT3	1	
B206677	SIH 18	HCF LN 15			SIS	VT3		
B206677	SIH 19	HCF LN 15			SIS	VT3		
B206677	SIH 20	HCF LN 15			SIS	VT3		
B206677	SIH 21	HCF LN 15			SIS	VT3		
B206677	SR 1	RWF LN 15			SIS	VT3		
B206677	SR 1A	RCF LN 15			SIS	VT3		
B206677	SR 2	RCF LN 15			SIS	VT3		
B206677	SR 3	HUF LN 15			SIS	VT3		
B206677	SR 4	HWF LN 15			SIS	VT3		
B206677	SR 5	HUF LN 15			SIS	VT3		
B206677	SR 6	HUF LN 15			SIS	VT3		
B206677	SR 7	RCF LN 15			SIS	VT3	2	
B206677	SR 8A	RCF LN 15			SIS	VT3		
B206678	SIH 22	HCF LN 15			SIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.20
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206678	SIH 23	HCF LN 15			SIS	VT3		
B206678	SIH 105	SWF LN 15			SIS	VT3		
B206678	SIH 106	HCF LN 15			SIS	VT3		
B206678	SIH 107	HCF LN 15			SIS	VT3	2	
B206678	SIH 108	HCF LN 15			SIS	VT3		
B206678	SR 8C	RCFWA LN 15			SIS	VT3		
B206678	SR 9	HUF LN 15			SIS	VT3		
B206678	SR 10	HUF LN 15			SIS	VT3		
B206678	SR 11	RGF LN 15			SIS	VT3		
B206678	SR 11A	RCFW LN 15			SIS	VT3	1	
B206678	SR 12	HUF LN 15			SIS	VT3		
B206678	SR 13	HUF LN 15			SIS	VT3		
B206678	SR 13A	UF LN 15			SIS	VT3		
B206678	SR 13B	RCF LN 15			SIS	VT3		
B206694	SIH 10	HCFA LN 51			SIS	VT3		
B206694	SIH 11	HCFA LN 51			SIS	VT3		
B206694	SIH 5	HCFA LN 51			SIS	VT3	3	
B206694	SIH 5A	HCFA LN 51			SIS	VT3		
B206694	SIH 6	HWFA LN 51			SIS	VT3		



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206694	SIH 7	HCFA LN 51			SIS	VT3		
B206694	SIH 8	HCFA LN 51			SIS	VT3		
B206694	SIH 9	HCFA LN 51			SIS	VT3		
B206694	SR 14	RCFA LN 51			SIS	VT3		
B206694	SR 14A	RCFA LN 51			SIS	VT3	3	
B206694	SR 15	RCFA LN 51			SIS	VT3		
B206694	SR 16	HUFA LN 51			SIS	VT3		
B206694	SR 17	HWFV LN 51			SIS	VT3		
B206694	SR 18	HUFA LN 51			SIS	VT3		
B206694	SR 19	HUFA LN 51			SIS	VT3	1	
B206694	SR 20	HWFA LN 51			SIS	VT3		
B206694	SR 21A	HWFA LN 51			SIS	VT3		
B206695	SIH 101	SWFA LN 51			SIS	VT3		
B206695	SIH 102	HCFA LN 51			SIS	VT3		
B206695	SIH 103	HCFA LN 51			SIS	VT3		
B206695	SIH 104	HCFA LN 51			SIS	VT3		
B206695	SIH 12	HCFA LN 51			SIS	VT3		
B206695	SR 21C	RCFA LN 51			SIS	VT3	2	
B206695	SR 22	HUFA LN 51			SIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206695	SR 23	HUFA LN 51			SIS	VT3		
B206695	SR 24	SGFA LN 51			SIS	VT3		
B206695	SR 24A	RCFA LN 51			SIS	VT3		
B206695	SR 25	HUFA LN 51			SIS	VT3		
B206695	SR 26	HUFA LN 51			SIS	VT3		
B206695	SR 26A	HUFA LN 51			SIS	VT3		
B206695	SR 26B	RCFA LN 51			SIS	VT3		
B206702	56 H 9	RUFB	2.0		SIS	VT3		
B206703	SIH 123	SWSA LN 57			SIS	VT3		
B206703	SIH 58	HWSA LN 57	C5134	H4495	SIS	VT3		
B206703	SIH 58A	SWSA LN 57			SIS	VT3		
B206703	SR 64	RCFA LN 57			SIS	VT3	1	
B206704	SIH 151	HCFW LN 60			SIS	VT3	2	
B206704	SIH 152	HCFW LN 60			SIS	VT3		
B206704	SIH 153	SWFM LN 60			SIS	VT3	2	
B206704	SIH 154	RCFMW LN 60			SIS	VT3		
B206704	SIH 155A	HCFA LN 60			SIS	VT3	1	
B206704	SIH 218	HCSW LN 60	C 578	H 621	SIS	VT3		
B206704	SR 700	RCFW LN 60			SIS	VT3	2	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.20
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206704	SR 701	RCFA LN 60			SIS	VT3		
B206704	SR 701A	RCFA LN 60			SIS	VT3		
B206704	SR 703	RCHWA LN 60			SIS	VT3		
B206704	SR 746	RCH LN 60			SIS	VT3		
B206704	SR 746A	RCHW LN 60			SIS	VT3		
B206704	SR 746B	RCHA LN 60			SIS	VT3		
B206704	SR 746C	RCHA LN 60			SIS	VT3		
B206705	SIH 34	HWSA LN 60			SIS	VT3		
B206705	SIH 35	HCSA LN 60			SIS	VT3		
B206705	SIH 119	SWSMA LN 60	C1254	H1323	SIS	VT3		
B206705	SIH 120	SWSA LN 60			SIS	VT3		
B206705	SIH 121	HCSA LN 60			SIS	VT3		
B206705	SIH 122	HWUSA LN 60			SIS	VT3		
B206705	SR 75A	RCFA LN 60			SIS	VT3		
B206705	SR 75C	RCFA LN 60			SIS	VT3		
B206705	SR 76	RCFA LN 60			SIS	VT3		
B206705	SR 77	RCFA LN 60			SIS	VT3		
B206705	SR 77A	RCFA LN 60			SIS	VT3		
B206705	SR 78	RCFA LN 60			SIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206705	SR 78A	RCFA LN 60			SIS	VT3		
B206705	SR 79	RCFA LN 60			SIS	VT3	2	
B206705	SR 80	RCFA LN 60			SIS	VT3		
B206705	SR 80A	RCFA LN 60			SIS	VT3		
B206705	SR 81	RCFA LN 60			SIS	VT3		
B206705	SR 82	RCFWA LN 60			SIS	VT3		
B206705	SR 82A	RCFA LN 60			SIS	VT3		
B206705	SR 82B	RCFA LN 60			SIS	VT3		
B206706	SIH 36	HCSA LN 60			SIS	VT3		
B206706	SIH 37	SWFA LN 60			SIS	VT3		
B206706	SIH 44	HCSA LN 60			SIS	VT3		
B206706	SIH 45	HCSA LN 60			SIS	VT3	1	
B206706	SIH 53	HCSA LN 60			SIS	VT3		
B206706	SR 53	RCFA LN 60			SIS	VT3		
B206706	SR 72	SGFA LN 60			SIS	VT3		
B206706	SR 72A	RCFA LN 60			SIS	VT3		
B206706	SR 73A	RCFA LN 60			SIS	VT3		
B206706	SR 74	RCFA LN 60			SIS	VT3	3	
B206706	SR 75	RCFA LN 60			SIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206721	SR 757	RCFA LN 94			SIS	VT3		
B206724	SIH 24	SWSC LN 155			SIS	VT3		
B206724	SIH 25	HCFA LN 155			SIS	VT3	2	
B206724	SIH 26	HCFA LN 155			SIS	VT3		
B206724	SIH 27	HCFA LN 155			SIS	VT3		
B206724	SIH 27A	HCFA LN 155			SIS	VT3		
B206724	SIH 28	HCFA LN 155			SIS	VT3		
B206724	SIH 29	SGFB LN 155			SIS	VT3		
B206724	SIH 31	HUFA LN 155			SIS	VT3		
B206724	SIH 44A	RCFA LN 155			SIS	VT3	1	
B206724	SIH 252	SWSC LN 155			SIS	VT3		
B206724	SIH 256	SWSC LN 155			SIS	VT3		
B206724	SIH 258	SWSC LN 155			SIS	VT3		
B206724	SIH 264	SWSC LN 155			SIS	VT3		
B206724	SR 33	SGFA LN 155			SIS	VT3		
B206724	SR 34	SWSA LN 155			SIS	VT3	3	
B206724	SR 35	SGFA LN 155			SIS	VT3		
B206724	SR 36	SGFA LN 155			SIS	VT3		
B206724	SR 37	SGFW LN 155			SIS	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.20
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206724	SR 38	SGFW LN 155			SIS	VT3		
B206724	SR 39	RCFA LN 155			SIS	VT3		
B206724	SR 40	HCFA LN 155			SIS	VT3		
B206724	SR 41	HUFA LN 155			SIS	VT3	1	
B206724	SR 42	HUFA LN 155			SIS	VT3		
B206724	SR 43	HUFA LN 155			SIS	VT3		
B206724	SR 44	SUFB LN 155			SIS	VT3		
B206725	ACH 74	SCSW LN155	C -	H3010	SIS	VT3		
B206725	SIH 32	HCFA LN 155			SIS	VT3		
B206725	SIH 33	HCFA LN 155			SIS	VT3		
B206725	SIH 57	RWFA LN 155			SIS	VT3		
B206725	SR 45	RCFA LN 155			SIS	VT3	3	
B206725	SR 46	RCFA LN 155			SIS	VT3		
B206725	SR 47	RCFA LN 155			SIS	VT3		
B206725	SR 47A	RCFA LN 155			SIS	VT3		
B206725	SR 48	RCFA LN 155			SIS	VT3		
B206725	SR 48A	RCFA LN 155			SIS	VT3		
B206725	SR 48B	RCFA LN 155			SIS	VT3		
B206725	SR 49	RUFA LN 155			SIS	VT3	2	

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.20

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206725	SR 50	RCFA LN155			SIS	VT3	3	
B206725	SR 56	SUFA LN 155			SIS	VT3		
B206726	SI HSR 100	SGFA LN 181			SIS	VT3		
B206726	SIH 1	SWSA LN 181			SIS	VT3		
B206726	SIH 2	RCFA LN 181			SIS	VT3		
B206726	SIH 4	SWFA LN 181			SIS	VT3		
B206726	SIH 251	SWSA LN 181			SIS	VT3		
B206726	SIH 253	SWSA LN 181			SIS	VT3	1	
B206726	SIH 255	SWSA LN 181			SIS	VT3		
B206726	SIH 257	SWSA LN 181			SIS	VT3		
B206726	SR 27	SGFA LN 181			SIS	VT3		
B206726	SR 28	SGFA LN 181			SIS	VT3	2	
B206726	SR 29	SGFA LN 181			SIS	VT3		
B206726	SR 30	SGFB LN 181			SIS	VT3		
B206726	SR 31	SGFB LN 181			SIS	VT3		
B206726	SR 31A	RCFA LN 181			SIS	VT3		
B206726	SR 32	RWFA LN 181			SIS	VT3		
B206727	SR 75B	RCFA LN 189			SIS	VT3		
B206730	SIH 226	HWFA			SIS	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.20

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206730	SIH 227	SGSB LN293	C2529	H2664	SIS	VT3	1	
B206730	SIH 228	HCFW LN293			SIS	VT3		
B206730	SR 761	RCSA			SIS	VT3		
B206730	SR 762	RCFA LN293			SIS	VT3		
B206730	SR 762A	RCFA LN293			SIS	VT3	1	
B206730	SR 763	RCFA LN293			SIS	VT3		
B206730	SR 763A	RCSA LN293			SIS	VT3	1	
B206730	SR 764	RCFWA LN293			SIS	VT3	3	
B206906	SIH 219	HCSW LN355Z	C 175	H 180	SIS	VT3	1	
B206906	SR 748	RCHA LN355Z			SIS	VT3		
B206907	356SIH 1	RGFA LN356Z			SIS	VT3		
B206907	SIH 170	HCFW LN356			SIS	VT3		
B206907	SIH 171	HCFW LN356			SIS	VT3		
B206907	SIH 172	HCFW LN356Z			SIS	VT3		
B206907	SIH 173	HCFW LN356Z			SIS	VT3		
B206907	SIH 174A	HCFMW LN356Z			SIS	VT3		
B206907	SIH 175	SWFM LN355Z			SIS	VT3		
B206907	SIH 176	RGFW LN356Z			SIS	VT3		
B206907	SIH 177	SWFM LN356Z			SIS	VT3		



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206907	SIH 178	HCFW LN356Z			SIS	VT3		
B206907	SR 716	RCHWA LN356			SIS	VT3		
B206907	SR 718A	RCHW LN356Z			SIS	VT3		
B206907	SR 720	RCHW LN356Z			SIS	VT3		
B206908	SIH 188	SGFA LN358Z			SIS	VT3	2	
B206908	SIH 214	RWFMW LN358Z			SIS	VT3		
B206908	SR 738A	RCHA LN358Z			SIS	VT3		
B206908	SR 738B	RCHW LN358Z			SIS	VT3		
B206908	SR 739	RGFW LN358Z			SIS	VT3		
B206909	ACH 329	SCFW LN361Y			SIS	VT3		
B206909	PWR 133	SGFW LN361Z			SIS	VT3		
B206909	PWR 134	RGFB LN361Z			SIS	VT3	3	
B206909	PWR 135	RGFB LN361Z			SIS	VT3		
B206909	SIH 188	RWFA LN361Z			SIS	VT3		
B206909	SIH 189	RFW LN361Z			SIS	VT3	3	
B206909	SIH 189A	RCFW LN361Z			SIS	VT3		
B206909	SIH 220	S LN361			SIS	VT3		
B206909	SIH 221	RCSW LN361	C 875	H1028	SIS	VT3		
B206909	SIH 222	SWFMW LN361			SIS	VT3	2	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.20

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206909	SR 723	RGFW LN361Z			SIS	VT3	2	
B206909	SR 724	RGFW LN361Z			SIS	VT3		
B206909	SR 749	RCHW LN361			SIS	VT3		
B206909	SR 749A	RCHA LN361			SIS	VT3		
B206909	SR 749B	RCHA LN361			SIS	VT3	3	
B206909	SR 749C	RCHW LN361			SIS	VT3		
B206909	SR 755	RCHA LN361			SIS	VT3	1	
B206909	SR 756	RCHA LN361Y			SIS	VT3		
B206910	PWR 136	RGFWA LN361Z			SIS	VT3		
B206910	PWR 137	RGFB LN361Z			SIS	VT3		
B206910	PWR 138	RGFB LN361Z			SIS	VT3		
B206910	PWR 139	RGFM LN361Z			SIS	VT3		
B206910	PWR 140	RGFB LN361Z			SIS	VT3		
B206910	PWR 141	RGFB LN361Z			SIS	VT3		
B206910	PWR 142	RGFW LN361Z			SIS	VT3		
B206910	PWR 143	RGFW LN361Z			SIS	VT3		
B206910	PWR 144	RGFW LN361Z			SIS	VT3		
B206910	SIH 190	RWFM LN361Z			SIS	VT3		
B206910	SIH 191	RGFM LN361Z			SIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206910	SIH 192	SWFMW LN361Z			SIS	VT3	2	
B206910	SIH 192A	SWFM LN361Z			SIS	VT3		
B206910	SIH 193	SWFMW LN361Z			SIS	VT3		
B206910	SIH 194	SUSMA LN361Z	C1353	H1153	SIS	VT3	3	
B206910	SIH 195	SWFMA LN361Z			SIS	VT3		
B206910	SIH 196	SWFM LN361Z			SIS	VT3	1	
B206910	SIH 197	SUFW LN361Z			SIS	VT3	1	
B206910	SIH 198	SUFW LN361Z			SIS	VT3		
B206910	SIH 199	SUFA LN361Z			SIS	VT3	1	
B206910	SR 726	RGFW LN351Z			SIS	VT3	1	
B206910	SR 728	RGFW LN361Z			SIS	VT3		
B206910	SR 729	RGFW LN361Z			SIS	VT3	1	
B206910	SR 730	RGFW LN361Z			SIS	VT3	3	
B206910	SR 731	RCFW LN361Z			SIS	VT3		
B206910	SR 732	RCHW LN361Z			SIS	VT3		
B206910	SR 732A	RCHW LN361Z			SIS	VT3	1	
B206911	518 H 1	SUFA LN 518			SIS	VT3		
B206911	SIH 68	HCFA LN 518			SIS	VT3		
B206911	SIH 69	HCFA LN 518			SIS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.20

System: SIS

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206911	SIH 70	RCFA LN 518			SIS	VT3		
B206911	SIH 70	HCFA LN 518			SIS	VT3		
B206911	SIH 71	HCFA LN 518			SIS	VT3	1	
B206911	SIH 72	HCFA LN 518			SIS	VT3		
B206911	SIH 73	SWSA LN 518			SIS	VT3		
B206911	SIH 74	HCFA LN 518			SIS	VT3		
B206911	SIH 75	HCFA LN 518			SIS	VT3		
B206911	SR 67	RCFA LN 518			SIS	VT3		
B206911	SR 67A	RCFA LN 518			SIS	VT3		
B206911	SR 67B	RUFB LN 518			SIS	VT3		
B206911	SR 67C	RUFB LN 518			SIS	VT3		
B206911	SR 68	RCFA LN 518			SIS	VT3		
B206911	SR 69	RCFA LN 518			SIS	VT3		
B206911	SR 71A	RCSA LN 518			SIS	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: AFW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2126	1502	CT 150	PWGS	6	AFW	VT3		
2126	1502	SWT 151	HCFB	8	AFW	VT3	1	
2126	1502	SWT 152	HCFB	8	AFW	VT3		
2126	1502	SWT 153	HCFB	8	AFW	VT3		
2126	1503	CT 146	HCVB	6	AFW	VT3		
2126	1503	CT 151	PWGS	8	AFW	VT3		
2126	1504	CT 147	HCVB	8	AFW	VT3		
2126	1504	CT 152	PWGS	8	AFW	VT3		
2126	1506	CT 144	HCVB	8	AFW	VT3		
2126	1506	CT 145	HUVB	8	AFW	VT3		
2126	1506	CT 148	HCVB	6	AFW	VT3		
2126	1506	CT 149	PWGS	8	AFW	VT3	2	
2126	1514	BFD 88	PWGS	3	AFW	VT3		
2126	1514	BFD 88A	PWGS	3	AFW	VT3		
2126	1514	BFD 103	HCVB	4	AFW	VT3		
2126	1514	BFD 104	HCVB	4	AFW	VT3		
2126	1515	BFD 101	PWGS	3	AFW	VT3		
2126	1515	BFD 102	PWGS	3	AFW	VT3		
2126	1516	BFD 60	HCVW	4	AFW	VT3		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.30

System: AFW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2126	1516	BFD 61	PWTW	4	AFW	VT3		
2126	1516	BFD 62	PWGW	4	AFW	VT3		
2126	1516	BFD 64	HCFB	3	AFW	VT3		
2126	1516	BFD 65	HCFB	3	AFW	VT3	3	
2126	1516	BFD 66	HCFB	3	AFW	VT3		
2126	1516	BFD 69	PWGS	3	AFW	VT3		
2126	1516	BFD 70	PWTB	3	AFW	VT3		
2126	1516	BFD 105	HCVB	6	AFW	VT3		
2126	1516	BFD 106	PWGS	6	AFW	VT3		
2126	1517	BFD 71	HCVW	4	AFW	VT3		
2126	1517	BFD 72	PWGW	4	AFW	VT3		
2126	1517	BFD 74	HCFB	3	AFW	VT3		
2126	1517	BFD 75	PWGS	3	AFW	VT3		
2126	1517	BFD 76	PWTB	3	AFW	VT3		
2126	1517	BFD 77	HCFB	3	AFW	VT3		
2126	1517	BFD 78	HCFB	3	AFW	VT3		
2126	1518	BFD 83	HCVW	4	AFW	VT3		
2126	1518	BFD 84	PWTW	4	AFW	VT3		
2126	1518	BFD 86	HCFB	3	AFW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.30

System: AFW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2126	1518	BFD 87	HCFB	3	AFW	VT3		
2126	1518	BFD 89	HCFB	3	AFW	VT3		
2126	1518	BFD 90	HCFB	3	AFW	VT3		
2126	1518	BFD 91	PWGS	3	AFW	VT3		
2126	1518	BFD 92	PWTB	3	AFW	VT3		
2126	1519	BFD 93	PUVW	4	AFW	VT3		
2126	1519	BFD 95	HCFB	3	AFW	VT3		
2126	1519	BFD 96	HCFB	3	AFW	VT3		
2126	1519	BFD 97	PWTB	4	AFW	VT3		
2126	1519	BFD 98	PWGS	3	AFW	VT3	1	
2126	1519	BFD 99	PWTB	3	AFW	VT3		
2126	1519	BFD 100	HCFB	3	AFW	VT3		
2126	1520	BFD 67	PWGS	3	AFW	VT3		
2126	1520	BFD 68	PWFS	3	AFW	VT3	3	
2126	1520	BFD 81	HCVB	4	AFW	VT3		
2126	1520	BFD 82	HCVB	4	AFW	VT3		
2126	1521	BFD 79	PWGS	3	AFW	VT3		
2126	1521	BFD 80	PWFS	3	AFW	VT3		
2126	1525	BFD 107	PWGB	4	AFW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: AFW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2126	1525	BFD 108	HCFB	3	AFW	VT3		
2126	1525	BFD 109	PWTB	3	AFW	VT3	2	
2126	1525	BFD 110	PWTW	3	AFW	VT3		
2126	1525	BFD 111	HCVB	3	AFW	VT3		
2126	1526	SR 100	SUGW	2	AFW	VT3		
2127	1502	SR 460A	SUFB	8	AFW	VT3		
2127	1502	SR 461	SUFB	8	AFW	VT3	1	
2127FF	1518	BFDR 26	RFGW	4	AFW	VT3		
2127HH	1516	BFD 63	HTVB	4	AFW	VT3		
2127HH	1516	BFDR 31	RFGW	4	AFW	VT3		
2127HH	1516	SR 466	SCGW	4	AFW	VT3		
2127HH	1516	SR 466B	SCGB	4	AFW	VT3		
2127HH	1517	BFD 73	HTVB	4	AFW	VT3		
2127HH	1517	BFDR 28	RFGW	4	AFW	VT3		
2127HH	1517	BFDR 30	RFGW	4	AFW	VT3		
2127HH	1517	BFDR 32	RFGB	4	AFW	VT3		
2127HH	1517	SR 465	SCGW	4	AFW	VT3		
2127HH	1517	SR 465B	SCGB	4	AFW	VT3		
2127HH	1518	BFD 85	PWVS	4	AFW	VT3	3	



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: AFW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2127HH	1518	BFDR 29	RFGW	4	AFW	VT3		
2127HH	1518	BFDR 33	RFGB	4	AFW	VT3		
2127HH	1518	SR 464	SCGW	4	AFW	VT3		
2127HH	1518	SR 464B	SCGB	4	AFW	VT3		
2127HH	1519	BFD 94	PWVS	4	AFW	VT3		
2127HH	1519	BFDR 25	RFGW	4	AFW	VT3		
2127HH	1519	SR 463	SCGW	4	AFW	VT3		
2127HH	1519	SR 463A	SCGB	4	AFW	VT3	2	
2127W	1526	BFD 236	PUGB	2	AFW	VT3		
2127W	1526	BFD 240	RUGB	2	AFW	VT3		
2127W	1526	BFD 241	RUGB	2	AFW	VT3		
2127W	1528	BFD 238	PUGB	2	AFW	VT3		
2127W	1528	BFD 239	RUGB	2	AFW	VT3		
2224	1502	SR 448	SCFB	6	AFW	VT3		
2224	1502	SR 448A	SCFB	6	AFW	VT3		
2224	1502	SR 449A	SCFB	6	AFW	VT3		
2224	1502	SR 450	SFTB	6	AFW	VT3		
2224	1502	SR 450A	SCFB	6	AFW	VT3		
2224	1502	SR 456A	SCFB	8	AFW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: AFW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2224	1502	SR 460	SUFB	8	AFW	VT3		
2224	1502	SR 462	SUGB	8	AFW	VT3		
2224	1503	SR 449	SCFB	6	AFW	VT3	3	
2224	1503	SR 451	SCFB	6	AFW	VT3		
2224	1503	SR 451A	SCFW	6	AFW	VT3		
2224	1503	SR 452	SCFB	6	AFW	VT3		
2224	1503	SR 453	SFTB	6	AFW	VT3		
2224	1503	SR 453A	SCFB	6	AFW	VT3	1	
2224	1504	SR 454	SCFB	8	AFW	VT3		
2224	1504	SR 454A	SCFB	8	AFW	VT3		
2224	1504	SR 455	SCFB	8	AFW	VT3		
2224	1504	SR 456	SFTB	8	AFW	VT3	2	
2224	1506	SR 457	SFTB	8	AFW	VT3		
2224	1506	SR 457A	SCFB	8	AFW	VT3		
2224	1506	SR 458	SCFB	8	AFW	VT3		
2224	1506	SR 458A	SCFB	8	AFW	VT3		
2224	1506	SR A 7	SCFB	8	AFW	VT3		
2224	1514	BFDR 50	RFGB	3	AFW	VT3		
2224	1514	SR 487	SFTB	3	AFW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.30
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System: AFW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2224	1514	SR 496	SCFB	4	AFW	VT3		
2224	1514	SR 497	SCFB	4	AFW	VT3		
2224	1514	SR 498	SCFB	4	AFW	VT3		
2224	1514	SR 498A	SCFB	4	AFW	VT3		
2224	1515	BFDR 51	RFGB	3	AFW	VT3		
2224	1515	SR 484	SFTB	3	AFW	VT3		
2224	1515	SR 485	SFTB	3	AFW	VT3		
2224	1515	SR 496A	SCFB	3	AFW	VT3		
2224	1516	BFDR 16	RFGW	4	AFW	VT3		
2224	1516	BFDR 35	RFGB	3	AFW	VT3		
2224	1516	BFDR 39	RFGB	3	AFW	VT3	3	
2224	1516	BFDR 53	RFGB	3	AFW	VT3		
2224	1516	BFDR 58	RFGW	6	AFW	VT3		
2224	1516	SR 470A	SCGB	3	AFW	VT3		
2224	1516	SR 479	SCGB	3	AFW	VT3		
2224	1516	SR 479A	SCFB	3	AFW	VT3		
2224	1516	SR 483	SCGB	3	AFW	VT3		
2224	1516	SR 489	SCGB	3	AFW	VT3		
2224	1516	SR A 1	SCFB	6	AFW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.30
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System: AFW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2224	1516	SR A 6	SCFB	3	AFW	VT3		
2224	1516	SR A 8	SCFW	4	AFW	VT3	3	
2224	1516	SR A12	SCFW	6	AFW	VT3		
2224	1516	SR A23	SCFB	6	AFW	VT3		
2224	1517	BFDR 17	RFGW	4	AFW	VT3		
2224	1517	BFDR 18	RFGW	4	AFW	VT3		
2224	1517	BFDR 36	RFGB	3	AFW	VT3	1	
2224	1517	BFDR 41	RFGB	3	AFW	VT3		
2224	1517	BFDR 44	RFGB	3	AFW	VT3		
2224	1517	BFDR 47	RFGB	3	AFW	VT3		
2224	1517	BFDR 52	RFGB	3	AFW	VT3		
2224	1517	SR 469	SCGB	3	AFW	VT3		
2224	1517	SR 469A	SCGB	3	AFW	VT3		
2224	1517	SR 478	SCGB	3	AFW	VT3		
2224	1517	SR 478A	SCFB	3	AFW	VT3		
2224	1517	SR 482	SCGB	3	AFW	VT3		
2224	1517	SR 488	SCGB	3	AFW	VT3	2	
2224	1517	SR A 5	SCFB	3	AFW	VT3		
2224	1517	SR A 9	SCFW	4	AFW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: AFW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2224	1518	BFDR 19	RFGW	4	AFW	VT3		
2224	1518	BFDR 20	RFGW	4	AFW	VT3		
2224	1518	BFDR 21	RFGW	4	AFW	VT3		
2224	1518	BFDR 24	RFGW	4	AFW	VT3		
2224	1518	BFDR 37	RFGB	3	AFW	VT3		
2224	1518	BFDR 42	RFGB	3	AFW	VT3		
2224	1518	BFDR 45	RFGB	3	AFW	VT3		
2224	1518	BFDR 46	RFGB	3	AFW	VT3		
2224	1518	BFDR 55	RFGB	3	AFW	VT3	2	
2224	1518	BFDR 57	RFGB	3	AFW	VT3		
2224	1518	SR 468	SCGB	3	AFW	VT3		
2224	1518	SR 468A	SCGB	3	AFW	VT3		
2224	1518	SR 470	SCGB	3	AFW	VT3		
2224	1518	SR 472	SCGB	3	AFW	VT3		
2224	1518	SR 472A	SCFB	3	AFW	VT3		
2224	1518	SR 477	SCGB	3	AFW	VT3		
2224	1518	SR 477A	SCFB	3	AFW	VT3		
2224	1518	SR 481	SCGB	3	AFW	VT3		
2224	1518	SR A10	SCFW	4	AFW	VT3		

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: AFW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2224	1519	BFDR 23	RFGW	4	AFW	VT3		
2224	1519	BFDR 34	RFGB	3	AFW	VT3		
2224	1519	BFDR 38	RFGB	3	AFW	VT3		
2224	1519	BFDR 43	RFGB	3	AFW	VT3		
2224	1519	BFDR 54	RFGB	3	AFW	VT3		
2224	1519	BFDR 56	RFGB	3	AFW	VT3		
2224	1519	SR 467	SCGB	3	AFW	VT3		
2224	1519	SR 467A	SCGB	3	AFW	VT3	1	
2224	1519	SR 467B	SCGB	3	AFW	VT3		
2224	1519	SR 476	SCGB	3	AFW	VT3		
2224	1519	SR 476A	SCFB	3	AFW	VT3		
2224	1519	SR 480	SCGB	3	AFW	VT3		
2224	1520	BFDR 49	RFGB	3	AFW	VT3	2	
2224	1520	SR 493	SFTB	3	AFW	VT3		
2224	1521	BFDR 48	RFGB	3	AFW	VT3		
2224	1521	SR 491	SFTB	3	AFW	VT3	3	
2224	1528	SR 494	SCFB	3	AFW	VT3		
2224	1528	SR 494A	SCFB	3	AFW	VT3		
2224	1528	SR 495	SCFB	4	AFW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.30
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System: AFW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2224	1528	SR 495A	SCFB	4	AFW	VT3		
2224	1532	BFD 115	PWGS	3	AFW	VT3		
2263	1505	CT 143	PWVS	12	AFW	VT3		
2263	1509	CD 231	PWVS	8	AFW	VT3		
2264	1509	CDR 3	RXGB	8	AFW	VT3		
2264	1509	CDR 4	RXGB	8	AFW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: CCW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
206074	327	FSB 101	PUFB	8	CCW	VT3		
206074	327	FSB 105	HUGB	8	CCW	VT3		
206074	327	FSB 110	HCFB	8	CCW	VT3		
206074	328	FSB 102	HCFB	8	CCW	VT3		
206074AB	327	FSB 103	HUGB	8	CCW	VT3		
206074AB	327	FSB 104	RFGB	8	CCW	VT3		
206074AB	329	FSB 100	RFGB	10	CCW	VT3	3	
206074AB	329	FSB 106	SFGB	10	CCW	VT3		
206074AB	329	FSB 114	HCVB	10	CCW	VT3		
206074AB	329	FSB 115	HUVB	10	CCW	VT3		
206074AB	329	FSB 116	SCFB	8	CCW	VT3		
206078AB	327	FSB 109	HWVW	8	CCW	VT3		
206078AB	329	FSB 10	SFGW	10	CCW	VT3		
208183	515	ACH 415	PWGW	6	CCW	VT3		
208183	515	ACH 416	HCFW	6	CCW	VT3	2	
208183	515	ACH 416A	HCFW	6	CCW	VT3		
208183	515	ACH 417	HCFW	6	CCW	VT3		
208183	515	ACH 418	HCFB	6	CCW	VT3	1	
208183	515	SR 166	SUFB	6	CCW	VT3		



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.30

System: CCW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
208183	515	SR 167	SUGB	6	CCW	VT3		
208183	515	SR 168	SCFB	6	CCW	VT3		
208183	515	SR 169	SUGB	6	CCW	VT3		
208183	515	SR 170	SFTW	6	CCW	VT3		
208183	516	ACH 405	PWGW	6	CCW	VT3		
208183	516	ACH 406	PUFW	6	CCW	VT3		
208183	516	ACH 407	HCFW	6	CCW	VT3		
208183	516	ACH 408	HUFB	6	CCW	VT3		
208183	516	SR 171	SFTW	6	CCW	VT3	2	
208183	516	SR 171A	SUFB	6	CCW	VT3		
208183	516	SR 172	SUFB	6	CCW	VT3	3	
208183	516	SR 173	SUGB	6	CCW	VT3	1	
208183	516	SR 174	SUGB	6	CCW	VT3		
208183	516	SR 174A	SUGB	6	CCW	VT3		
208183	516	SR 576	SUFB	6	CCW	VT3		
208495	13	SR 120	SCFB	8	CCW	VT3		
208495	14	SR 119	SCFB	8	CCW	VT3		
208495	325	ACH 110	HTFB	8	CCW	VT3		
208495	325	SR 119A	SUFB	8	CCW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: CCW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
208495	325	SR 120B	SUGB	8	CCW	VT3		
208495	326	ACH 111	HWFB	8	CCW	VT3		
208495	326	SR 119B	SUGB	8	CCW	VT3		
208495	326	SR 120A	SUGB	8	CCW	VT3		
212352AB	327	FSB 113	HUVB	8	CCW	VT3		
212352AB	329	FSB 112	PWGS	10	CCW	VT3		
2561	53	ACH 325	HCVW	12	CCW	VT3		
2561,3	317	317SR 1	SCFW	12	CCW	VT3		
2561,3	317	ACH 327	HCVW	12	CCW	VT3		
2561,3	317	SR 766	SCFB	12	CCW	VT3		
2561,3	318	318ACH 1	HWVB	12	CCW	VT3		
2561,3	318	318SR 1	SCFW	12	CCW	VT3		
2561,3	318	318SR 2	SCFB	12	CCW	VT3		
2561,3	318	318SR 3	SCFB	12	CCW	VT3	1	
2561,3	318	318SR 4	SCFW	12	CCW	VT3		
2561,3	318	318SR 5	SCFB	12	CCW	VT3		
2561,3	318	318SR 6	SCFB	12	CCW	VT3		
2561,3	318	318SR 7	SWFB	12	CCW	VT3		
2561,3	318	ACH 330	HCFW	12	CCW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.30

System: CCW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2561,3	52	52SR 1	SCFB	12	CCW	VT3		
2561,3	52	52SR 2	SCFB	12	CCW	VT3		
2561,3	53	53SR 1	SCFW	12	CCW	VT3		
2561,3	53	53SR 2	SCFB	12	CCW	VT3		
2561,3	53	53SR 3	SCFB	12	CCW	VT3		
2561,3	53	53SR 4	SCFB	12	CCW	VT3		
2561,3	53	53SR 5	SCFB	12	CCW	VT3		
2561,3	53	53SR 6	SCFB	12	CCW	VT3		
2561-66'	52	ACH 326	HFWF	12	CCW	VT3	2	
2561-95'	318	318ACH 2	PWVS	12	CCW	VT3		
2563	52	52SR 3	SCFB	12	CCW	VT3		
2563-BB	317	ACH 328	HWVB	12	CCW	VT3		
2563-BB	52	52ACH 1	HWVB	12	CCW	VT3		
2563-PLN	53	53ACH 1	HWVB	12	CCW	VT3		
2565	13	13SR 1	SCFW	6	CCW	VT3		
2565	13	ACH 238	HCFW	6	CCW	VT3		
2565	13	ACH 239	HCFW	6	CCW	VT3		
2565	13	ACH 240	PWGS	6	CCW	VT3	3	
2565	13	ACH 241	PWGS	6	CCW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: CCW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2565	13	SR 821	SCFW	6	CCW	VT3		
2565	13	SR 822	SCFB	6	CCW	VT3		
2565	13	SR 823	SFTB	6	CCW	VT3		
2565	13	SR 824	SFTB	6	CCW	VT3		
2565	14	14SR 2	SCFW	6	CCW	VT3		
2565	14	ACH 275	PWGS	6	CCW	VT3	1	
2565	14	ACH 276	PWGS	6	CCW	VT3		
2565	14	ACH 277	HCFW	6	CCW	VT3		
2565	14	ACH 278	HCFW	6	CCW	VT3		
2565	14	SR 854	SFTB	6	CCW	VT3		
2565	14	SR 855	SFTB	6	CCW	VT3		
2565	14	SR 856	SCFB	6	CCW	VT3		
2565	14	SR 856A	SCFB	6	CCW	VT3		
2565	14	SR 857	SCFW	6	CCW	VT3		
2565	317	ACH 210A	HCFW	12	CCW	VT3		
2565	52	ACH 208	PWGS	12	CCW	VT3		
2565	52	ACH 209	PWGD	12	CCW	VT3		
2565	52	ACH 210	PWGW	16	CCW	VT3		
2565	52	ACH 211	PWGD	16	CCW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: CCW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2565	52	ACH 212	PWGW	16	CCW	VT3		
2565	52	ACH 212A	PWVS	16	CCW	VT3		
2565	52	ACH 213	HCFW	16	CCW	VT3		
2565	52	ACH 214	HCFW	16	CCW	VT3		
2565	52	SR 793	SFTB	12	CCW	VT3		
2565	52	SR 794	SFTD	12	CCW	VT3		
2565	52	SR 795	SFTW	16	CCW	VT3	1	
2565	52	SR 796	SFTW	16	CCW	VT3		
2565	52	SR 797	SFTW	16	CCW	VT3		
2565	52	SR 798	SCFW	16	CCW	VT3		
2565	52	SR 799	SCFW	16	CCW	VT3		
2565	52	SR 800	SCFW	16	CCW	VT3		
2565	53	ACH 201	HCFW	16	CCW	VT3		
2565	53	ACH 202	HUFW	16	CCW	VT3	3	
2565	53	ACH 203	PWGS	16	CCW	VT3		
2565	53	ACH 204	PWGS	16	CCW	VT3		
2565	53	ACH 205	PWGS	16	CCW	VT3		
2565	53	ACH 205A	PFGB	16	CCW	VT3		
2565	53	ACH 206	PWGS	16	CCW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: CCW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2565	53	ACH 207	PWGS	12	CCW	VT3		
2565	53	SR 785	SCFW	16	CCW	VT3		
2565	53	SR 786	SCFB	16	CCW	VT3		
2565	53	SR 787	SCFW	16	CCW	VT3		
2565	53	SR 788	SFTB	16	CCW	VT3		
2565	53	SR 789	SFTB	16	CCW	VT3		
2565	53	SR 790	SFTB	16	CCW	VT3	2	
2565	53	SR 791	SFTB	16	CCW	VT3		
2565	53	SR 792	SFTB	12	CCW	VT3		
2570	148	ACH 93	HCVB	6	CCW	VT3		
2570	148	SR 155A	SUFB	6	CCW	VT3		
2570	149	ACH 94	HCVB	6	CCW	VT3		
2570	149	SR 156	SUGB	6	CCW	VT3		
2570	167	ACH 97	HUFB	6	CCW	VT3		
2570	168	ACH 96	PUFB	6	CCW	VT3		
2570	515	ACH 419	HUFB	6	CCW	VT3		
2570	515	ACH 420	HCFW	6	CCW	VT3		
2570	515	ACH 421	HCFW	6	CCW	VT3		
2570	515	ACH 422	HCVW	6	CCW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: CCW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2570	515	ACH 422A	HCFW	6	CCW	VT3		
2570	515	ACH 422B	HCFW	6	CCW	VT3	3	
2570	515	SR 163	SCFW	6	CCW	VT3		
2570	515	SR 164	SUGW	6	CCW	VT3		
2570	516	ACH 409	HCFB	6	CCW	VT3		
2570	516	ACH 410	HCFW	6	CCW	VT3		
2570	516	ACH 411	HCFW	6	CCW	VT3		
2570	516	SR 176	SUGW	6	CCW	VT3		
2570	52	52H 1	HCFS	12	CCW	VT3		
2570	52	52H 2	HCFS	12	CCW	VT3		
2570	52	52H 3	HCFS	12	CCW	VT3		
2570	52	ACH 60	PWGS	12	CCW	VT3		
2570	52	ACH 61	PWGS	12	CCW	VT3		
2570	52	ACH 62	PWGS	12	CCW	VT3	1	
2570	52	ACH 75	HCVD	20	CCW	VT3		
2570	52	ACH 76	HUFW	20	CCW	VT3		
2570	52	ACH 77	HCFW	20	CCW	VT3		
2570	52	ACH 77A	HCFW	20	CCW	VT3		
2570	52	ACH 79	HCFB	20	CCW	VT3	2	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: CCW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2570	52	ACH 79A	HCFB	20	CCW	VT3		
2570	52	ACH 81	HCFB	20	CCW	VT3		
2570	52	ACH 81A	HCFB	20	CCW	VT3		
2570	52	ACH 83	PUFB	18	CCW	VT3	3	
2570	52	ACH 83A	PUFB	18	CCW	VT3		
2570	52	ACH 85	PUFB	18	CCW	VT3		
2570	52	SR 124	SUFB	18	CCW	VT3		
2570	52	SR 125	SUGB	18	CCW	VT3		
2570	52	SR 126	SXGB	20	CCW	VT3	2	
2570	52	SR 127	SXGB	20	CCW	VT3		
2570	52	SR 128	SXGB	20	CCW	VT3		
2570	52	SR 129	SWFW	20	CCW	VT3		
2570	53	53ACHX 1	PWGS	10	CCW	VT3		
2570	53	53ACHX 2	PWGS	10	CCW	VT3		
2570	53	53ACHX 3	PWGS	10	CCW	VT3		
2570	53	ACH 78	HCFW	20	CCW	VT3		
2570	53	ACH 78A	HUVB	20	CCW	VT3		
2570	53	ACH 80	HCFB	20	CCW	VT3		
2570	53	ACH 82	HCFB	20	CCW	VT3		



**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: CCW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2570	53	ACH 84	HUFB	18	CCW	VT3		
2570	53	ACH 84A	HUFB	18	CCW	VT3		
2570	53	ACH 86	HUFB	18	CCW	VT3		
2570	53	SR 131	PBGB	20	CCW	VT3		
2570	53	SR 132	SXGB	20	CCW	VT3		
2570	53	SR 133	SXGB	20	CCW	VT3	1	
2570	53	SR 134	SXGB	20	CCW	VT3		
2570	53	SR 135	SUGB	18	CCW	VT3		
2570	53	SR 136	SUGB	18	CCW	VT3	3	
2571	53	ACH 1	HWVW	14	CCW	VT3		
2571	53	ACH 2	CWVB	14	CCW	VT3		
2572	148	ACH 20	PUFB	6	CCW	VT3		
2572	148	ACH 21	PUFB	6	CCW	VT3		
2572	148	ACH 22	HUFB	6	CCW	VT3		
2572	149	ACH 15	HCFB	14	CCW	VT3		
2572	149	ACH 16	PUFB	6	CCW	VT3		
2572	149	ACH 17	PUFB	6	CCW	VT3	2	
2572	149	ACH 18	HCFB	6	CCW	VT3		
2572	149	ACH 19	HCFB	6	CCW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.30
System: CCW	

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2572	149	ACH 23	PUFB	6	CCW	VT3		
2572	149	SR 154	SCFB	6	CCW	VT3		
2572	149	SR 155	SCFW	6	CCW	VT3		
2572	167	ACH 39	HCFB	6	CCW	VT3		
2572	167	ACH 40	HUFB	6	CCW	VT3		
2572	167	ACH 41	PUFB	6	CCW	VT3		
2572	167	SR 140	SUFB	6	CCW	VT3		
2572	167	SR 143	SUGB	6	CCW	VT3		
2572	168	ACH 34	HCFB	6	CCW	VT3		
2572	168	ACH 35	PUFB	6	CCW	VT3		
2572	168	ACH 36	HCFB	6	CCW	VT3		
2572	168	ACH 37	HCFB	6	CCW	VT3		
2572	168	ACH 38	HUFB	6	CCW	VT3	1	
2572	168	SR 140A	SCFB	6	CCW	VT3		
2572	168	SR 141	SWTB	6	CCW	VT3		
2572	168	SR 142	SUGB	6	CCW	VT3		
2572	53	ACH 3	HTVW	10	CCW	VT3		
2572	53	ACH 4	PWVS	20	CCW	VT3		
2572	53	ACH 5	PWVS	20	CCW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: CCW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2572,9	168	SR 144	SUGB	6	CCW	VT3		
2576	325	FSB 11	PUGB	8	CCW	VT3		
2576	325	FSB 22	PUGB	8	CCW	VT3	3	
2576	327	FSB 9	PUGB	8	CCW	VT3		
2576	328	ANCH 1	PFW	8	CCW	VT3		
2576	328	FSB 1	PUGB	8	CCW	VT3		
2576	328	FSB 1A	PUGB	8	CCW	VT3		
2576	328	FSB 1B	PUGB	8	CCW	VT3		
2576	328	FSB 2	PUGB	8	CCW	VT3		
2576	328	FSB 2A	RFGB	8	CCW	VT3		
2576	328	FSB 6	RUFW	8	CCW	VT3		
2576	328	FSB 18	PUGB	8	CCW	VT3		
2576	329	FSB 16	PFGB	10	CCW	VT3		
2576	329	FSB 16A	PFGB	10	CCW	VT3		
2576AC	329	FSB 20	PWGS	10	CCW	VT3		
2576AD	328	FSB 117	PUGB	8	CCW	VT3		
2579	167	SR 139	SUGB	6	CCW	VT3		
2655	516	ACH 404	PUFW	6	CCW	VT3		
2677	52	ACH 126	HCFW	18	CCW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: CCW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2677	52	ACH 127	OWGF	18	CCW	VT3		
2677	52	ACH 129	HUFB	18	CCW	VT3		
2677	52	SR 121	SUFB	18	CCW	VT3		
2677	52	SR 122	SCFW	18	CCW	VT3		
2677	52	SR 123	SUGB	18	CCW	VT3		
2677	52	SR 124A	SCFB	18	CCW	VT3	2	
2677	53	ACH 130	PXFB	18	CCW	VT3		
2677	53	ACH 132	OWGF	18	CCW	VT3		
2677	53	ACH 133	HCFW	18	CCW	VT3		
2677	53	SR 121A	SUFB	18	CCW	VT3		
2677	53	SR 136A	SCFB	18	CCW	VT3		
2677	53	SR 137	SBGB	18	CCW	VT3		
2677	53	SR 138	SCFW	18	CCW	VT3		
2677	53	SR 138A	SCFW	18	CCW	VT3		
2678	13	ACH 112	PWGS	8	CCW	VT3		
2678	13	ACH 113	PWGS	6	CCW	VT3		
2678	13	ACH 114	PWGS	6	CCW	VT3		
2678	13	SR 103	SFTB	8	CCW	VT3	3	
2678	13	SR 104	SFTB	6	CCW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.30
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System: CCW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2678	13	SR 105	SFTB	6	CCW	VT3		
2678	14	ACH 107	PWGS	6	CCW	VT3		
2678	14	ACH 108	PWGS	6	CCW	VT3	2	
2678	14	ACH 109	PWGS	8	CCW	VT3		
2678	14	SR 111	SFTB	6	CCW	VT3		
2678	14	SR 112	SFTB	6	CCW	VT3		
2762	325	FSB 14	HUGB	8	CCW	VT3		
2762	325	FSB 15	HFGB	8	CCW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: SW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2257	413	SR 376A	SCFW	10	SW	VT3		
2257	413	SR 395	SUFW	10	SW	VT3	3	
2257	413	SR 395A	SCFW	10	SW	VT3		
2257	413	SR 397	SUFW	10	SW	VT3		
2257	413	SR 400	SUFW	6	SW	VT3		
2257	413	SWH 178	PXGB	10	SW	VT3		
2257	413	SWH 181	PXGB	10	SW	VT3		
2257	413	SWH 183	PWVB	10	SW	VT3		
2257	413	SWH 184	HCFW	10	SW	VT3	1	
2257	413	SWH 186	HCFW	10	SW	VT3		
2257	413	SWH 188	HCFW	6	SW	VT3		
2257	414	SR 377A	SCFW	10	SW	VT3		
2257	414	SR 396	SCFB	10	SW	VT3		
2257	414	SR 396A	SWFW	10	SW	VT3		
2257	414	SR 398	SCFW	10	SW	VT3		
2257	414	SR 401	SCFW	6	SW	VT3		
2257	414	SR 405B	SCFB	6	SW	VT3	2	
2257	414	SWH 179	PXGB	10	SW	VT3		
2257	414	SWH 180	PXGB	10	SW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A      Item Number: F01.30

System: SW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2257	414	SWH 182	HCFB	10	SW	VT3		
2257	414	SWH 185	HCFW	10	SW	VT3	2	
2257	414	SWH 187	HCFW	10	SW	VT3		
2257	414	SWH 189	HCFW	10	SW	VT3		
2257	414	SWH 190	HCFW	6	SW	VT3		
2570	407	SWH 150	HCFW	18	SW	VT3		
2570	411	SWH 151	HCFW	20	SW	VT3		
2571	407	SWH 152	PWGW	18	SW	VT3		
2571	411	SWH 153	PWGW	18	SW	VT3		
2571	413	SR 370	SWGW	10	SW	VT3		
2571	413	SR 370A	SCFB	10	SW	VT3		
2571	413	SR 370B	SCFB	10	SW	VT3		
2571	413	SR 372	SWGW	10	SW	VT3	1	
2571	413	SR 374	SWGW	10	SW	VT3		
2571	413	SR 376	SWGW	10	SW	VT3		
2571	413	SWH 154	HCFD	10	SW	VT3		
2571	413	SWH 156	HCVW	10	SW	VT3		
2571	413	SWH 158	HCFW	10	SW	VT3		
2571	413	SWH 160	HCFW	10	SW	VT3		

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.30
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System: SW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2571	414	SR 371	SWGW	10	SW	VT3		
2571	414	SR 371A	SCFW	10	SW	VT3		
2571	414	SR 371B	SCFW	10	SW	VT3		
2571	414	SR 373	SWGW	10	SW	VT3		
2571	414	SR 375	SWGW	10	SW	VT3	3	
2571	414	SR 377	SWFW	10	SW	VT3		
2571	414	SWH 155	HCFD	10	SW	VT3		
2571	414	SWH 157	HCFW	10	SW	VT3		
2571	414	SWH 159	HCFW	10	SW	VT3		
2571	414	SWH 161	HCFW	10	SW	VT3		
2572	405	SWH 164	HCFW	18	SW	VT3		
2690	11A	SR 1134	SCFW	10	SW	VT3		
2690	11A	SR 1135	SXGW	10	SW	VT3		
2690	11A	SR 1136	SXGW	10	SW	VT3		
2690	11A	SR 1137	SCFW	10	SW	VT3		
2690	11A	SR 1137A	SCFW	10	SW	VT3		
2690	11A	SR 1168	SXGW	10	SW	VT3		
2690	11A	SWH 1	HWVW	10	SW	VT3		
2690	11A	SWH 2	CWVW	10	SW	VT3	2	



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: SW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2690	11A	SWH 3	HCFW	10	SW	VT3		
2690	11A	SWH 4	PUFW	10	SW	VT3		
2690	11A	SWH 5	PUFW	10	SW	VT3		
2690	11A	SWH 6	PUFW	10	SW	VT3	1	
2690	11A	SWH 6A	PUFW	10	SW	VT3		
2690	11A	SWH 7	PUFW	10	SW	VT3		
2690	11B	SR 1141	SWG	10	SW	VT3		
2690	11B	SR 1142	SCFW	10	SW	VT3		
2690	11B	SR 1142A	SUFW	10	SW	VT3		
2690	11B	SR 1143	SXGW	10	SW	VT3		
2690	11B	SR 1144	SCFW	10	SW	VT3		
2690	11B	SR 1145	SCFW	10	SW	VT3		
2690	11B	SR 1177	SXGW	10	SW	VT3		
2690	11B	SWH 8	PUFW	10	SW	VT3		
2690	11B	SWH 8A	PUFW	10	SW	VT3		
2690	11B	SWH 13	HCFW	10	SW	VT3		
2690	11B	SWH 14	PUFW	10	SW	VT3		
2690	11B	SWH 15	PUFW	10	SW	VT3		
2690	11B	SWH 16	PUFW	10	SW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: SW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2690	11B	SWH 16A	PUFW	10	SW	VT3		
2690	11B	SWH 17	PUFW	10	SW	VT3		
2690	11C	SR 1152	SCFW	10	SW	VT3		
2690	11C	SR 1153	SCFW	10	SW	VT3		
2690	11C	SR 1154	SCFW	10	SW	VT3		
2690	11C	SR 1156	SXGW	10	SW	VT3		
2690	11C	SWH 19	HUVW	10	SW	VT3	3	
2690	11C	SWH 20	HCFW	10	SW	VT3		
2690	11C	SWH 21	PUFW	10	SW	VT3		
2690	11C	SWH 22	PUFW	10	SW	VT3		
2690	11C	SWH 23	PUFW	10	SW	VT3		
2690	11C	SWH 23A	PUFW	10	SW	VT3		
2690	11C	SWH 24	PUFW	10	SW	VT3		
2690	11C	SWH 25	PUFW	10	SW	VT3	2	
2690	11C	SWH 25A	PUFW	10	SW	VT3		
2690	11D	SWH 31	HWVW	10	SW	VT3		
2690	11D	SWH 32	HUGW	10	SW	VT3		
2690	11D	SWH 33	HUGW	10	SW	VT3		
2690	11D	SWH 34	HUGW	10	SW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: SW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2690	11D	SWH 76	HUGW	10	SW	VT3		
2690	11E	SR 1193	SXGW	10	SW	VT3		
2690	11E	SWH 35	HUVW	10	SW	VT3		
2690	11E	SWH 36	CUFW	10	SW	VT3		
2690	11E	SWH 37	PUFW	10	SW	VT3		
2690	12A	SR 1164	SCFW	10	SW	VT3		
2690	12A	SR 1165	SXGW	10	SW	VT3	3	
2690	12A	SR 1166	SCFW	10	SW	VT3		
2690	12A	SR 1177A	SXGW	10	SW	VT3		
2690	12A	SWH 43	HUVW	10	SW	VT3		
2690	12A	SWH 44	HCFW	10	SW	VT3		
2690	12A	SWH 45	HUFW	10	SW	VT3		
2690	12A	SWH 46	PUFW	10	SW	VT3		
2690	12A	SWH 47	PUFW	10	SW	VT3		
2690	12A	SWH 48	PUFW	10	SW	VT3		
2690	12A	SWH 48A	PUFW	10	SW	VT3		
2690	12A	SWH 49	PUFW	10	SW	VT3		
2690	12A	SWH 50	HUFW	10	SW	VT3		
2690	12A	SWH 50A	HUFW	10	SW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.30
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System: SW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2690	12B	SR 1168A	SXGW	10	SW	VT3		
2690	12B	SR 1174	SCFW	10	SW	VT3		
2690	12B	SR 1175	SXGW	10	SW	VT3		
2690	12B	SWH 54	HUVW	10	SW	VT3	2	
2690	12B	SWH 55	HCFW	10	SW	VT3		
2690	12B	SWH 56	HUFW	10	SW	VT3		
2690	12B	SWH 57	HUFW	10	SW	VT3		
2690	12B	SWH 58	HUFW	10	SW	VT3		
2690	12B	SWH 59	HUFW	10	SW	VT3		
2690	12B	SWH 59A	HUFW	10	SW	VT3		
2690	12B	SWH 60	HUFW	10	SW	VT3		
2690	12C	SR 1156B	SXGW	10	SW	VT3		
2690	12C	SR 1180	SCFW	10	SW	VT3		
2690	12C	SR 1181	SXGW	10	SW	VT3	1	
2690	12C	SR 1182	SCFW	10	SW	VT3		
2690	12C	SR 1183	SCFW	10	SW	VT3		
2690	12C	SWH 62	HCFW	10	SW	VT3		
2690	12C	SWH 63	HCFW	10	SW	VT3		
2690	12C	SWH 64	HUGW	10	SW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: SW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2690	12C	SWH 65	PUFW	10	SW	VT3		
2690	12C	SWH 66	PUFW	10	SW	VT3		
2690	12C	SWH 67	PUFW	10	SW	VT3		
2690	12C	SWH 67A	PUFW	10	SW	VT3		
2690	12C	SWH 68	PUFW	10	SW	VT3		
2690	12C	SWH 69	PUFW	10	SW	VT3		
2690	12C	SWH 69A	PUFW	10	SW	VT3		
2690	12D	SWH 75	HUGW	10	SW	VT3	3	
2690	12D	SWH 76A	HUFW	10	SW	VT3		
2690	12D	SWH 77	HUFW	10	SW	VT3		
2690	12D	SWH 78	HUGW	10	SW	VT3		
2690	12D	SWH 78A	HWVW	10	SW	VT3		
2690	12E	SR 1193A	SXGW	10	SW	VT3	2	
2690	12E	SWH 79	HUVW	10	SW	VT3		
2690	12E	SWH 80	CUFW	10	SW	VT3		
2690	12E	SWH 81	HUFW	10	SW	VT3		
2690,1	11B	SWH 9	PUFW	10	SW	VT3		
2690,1	11C	SWH 26	PUFW	10	SW	VT3		
2690,2	11B	SWH 12	PWVW	10	SW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: SW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2691	11B	SR 1151	SXGW	10	SW	VT3		
2691	11B	SWH 10	PUFW	10	SW	VT3		
2691	11C	SR 1160	SXGW	10	SW	VT3		
2691	11C	SR 1161	SXGW	10	SW	VT3		
2691	11C	SR 1161B	SXGW	10	SW	VT3		
2691	11C	SR 1162	SXGW	10	SW	VT3		
2691	11C	SWH 27	PUFW	10	SW	VT3		
2691	11C	SWH 28	PUFW	10	SW	VT3		
2691	11C	SWH 29	PUFW	10	SW	VT3		
2691	11C	SWH 30	PUFW	10	SW	VT3		
2691	11E	SR 1193C	SXGW	10	SW	VT3		
2691	11E	SR 1193E	SXGW	10	SW	VT3		
2691	11E	SR 1194A	SCFB	10	SW	VT3	1	
2691	11E	SR 1195	SXGB	10	SW	VT3		
2691	11E	SR 1195C	SCFB	10	SW	VT3		
2691	11E	SR 1196A	SCFW	10	SW	VT3		
2691	11E	SWH 38	HCFW	10	SW	VT3		
2691	11E	SWH 39	HUFD	10	SW	VT3		
2691	11E	SWH 40	HUGW	10	SW	VT3		

**TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
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System: SW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2691	11E	SWH 41	HUFB	10	SW	VT3		
2691	11E	SWH 42	HCFW	10	SW	VT3	3	
2691	12A	SR 1173	SXGW	10	SW	VT3		
2691	12A	SWH 51	HUFW	10	SW	VT3		
2691	12A	SWH 52	HUFW	10	SW	VT3		
2691	12C	SR 1161A	SXGW	10	SW	VT3		
2691	12C	SR 1189	SXGW	10	SW	VT3		
2691	12C	SR 1190	SXGW	10	SW	VT3		
2691	12C	SR 1191	SXGW	10	SW	VT3		
2691	12C	SWH 70	PUFW	10	SW	VT3		
2691	12C	SWH 71	PUFW	10	SW	VT3		
2691	12C	SWH 72	HUFW	10	SW	VT3		
2691	12C	SWH 73	HUFW	10	SW	VT3		
2691	12C	SWH 74	HUFW	10	SW	VT3		
2691	12E	SR 1193B	SXGW	10	SW	VT3		
2691	12E	SR 1193D	SXGW	10	SW	VT3		
2691	12E	SR 1194	SCFB	10	SW	VT3		
2691	12E	SR 1195A	SXGB	10	SW	VT3		
2691	12E	SR 1195B	SCFB	10	SW	VT3	1	

**TABLE 6.5-1**  
**INDIAN POINT UNIT 2**  
**THIRD 10 YEAR INTERVAL COMPONENT LISTING**

Code Category: F-A	Item Number: F01.30
System: SW	

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2691	12E	SR 1196	SCFW	10	SW	VT3		
2691	12E	SWH 82	HCFW	10	SW	VT3		
2691	12E	SWH 83	HUFD	10	SW	VT3		
2691	12E	SWH 84	HCFW	10	SW	VT3		
2691	12E	SWH 85	PUFB	10	SW	VT3		
2691	12E	SWH 86	PFGB	10	SW	VT3		
2701	12B	SR 639	SCFB	10	SW	VT3		
2701	12E	SR 634	SCFB	10	SW	VT3		
2701	406	SR 635	SCFB	10	SW	VT3	1	
2701	406	SR 636	SCFB	14	SW	VT3		
2701	406	SR 637	SCFB	14	SW	VT3		
2701	406	SR 638	SCFB	18	SW	VT3		
2701	406	SR 640	SCFB	18	SW	VT3	2	
2701	406	SR 641	SCFB	18	SW	VT3		
2701	406	SR 641A	SCFB	18	SW	VT3		
2701	406	SR 650	SCFB	18	SW	VT3		
2701	406	SWH 101	HCVB	10	SW	VT3		
2701	406	SWH 102	HCVB	14	SW	VT3	3	
2701	406	SWH 103	HCVB	14	SW	VT3		



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.30
System: SW	

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2701	406	SWH 103A	HUVB	18	SW	VT3		
2701	406	SWH 104	HUVB	10	SW	VT3		
2701	406	SWH 105	PWVS	18	SW	VT3		
2701	408	SR 644	SCFB	10	SW	VT3		
2701	408	SR 645	SCFB	14	SW	VT3		
2701	408	SR 646	SCFB	18	SW	VT3		
2701	408	SR 651	SFGB	18	SW	VT3		
2701	408	SR 652	SFGB	18	SW	VT3		
2701	408	SWH 109	HCVB	18	SW	VT3		
2701	408	SWH 110	PWGS	18	SW	VT3		
2701	408	SWH 112	HWVB	18	SW	VT3		
2701	408	SWH 113	PWVS	18	SW	VT3	3	
2701	408	SWH 114	PWVS	14	SW	VT3		
2701	408	SWH 115	PWGS	10	SW	VT3		
2701	408	SWH 116	PWGS	10	SW	VT3		
2701	409	SR 647	SCFB	18	SW	VT3		
2701	409	SR 648	SFGB	18	SW	VT3		
2701	409	SR 649	SFGB	18	SW	VT3		
2701	409	SWH 108	PWGS	18	SW	VT3	2	

TABLE 6.5-1  
INDIAN POINT UNIT 2  
THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.30

System: SW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2701	409	SWH 111	HUFB	18	SW	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.40
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System: AFW
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Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
1472	CWST		PWFB		AFW	VT3	1	
2126	AFP	21	PWFB		AFW	VT3	2	
2126	AFP	23	PWFB		AFW	VT3		
2264	AFP	22TD	PWFB		AFW	VT3	3	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.40

System: CCW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2510	CCHE	21	PWFB		CCW	VT3		
2510	CCHE	22	PWFB		CCW	VT3	2	
2511	CCP	21	PWFB		CCW	VT3		
2511	CCP	22	PWFB		CCW	VT3		
2511	CCP	23	PWFB		CCW	VT3	3	
2511	NRHE	21	PWFB		CCW	VT3	1	
2577	SFPHE	21	PWFB		CCW	VT3	3	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.40
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System: CVC
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206621	RGX 1A	SFA			CVC	VT3		
A206621	RGX 1B	SFA			CVC	VT3		
A206621	RGX 2A	SFA			CVC	VT3	23	
A206621	RGX 2B	SFA			CVC	VT3	1	
A206621	RGX 3A	SFA			CVC	VT3		
A206621	RGX 3B	SFA			CVC	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.40
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System: RCS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206914	SG 21	SGFA			RCS	VT3		
A206915	SG 22	SGFA			RCS	VT3		
A206916	SG 23	SGFA			RCS	VT3	3	
A206917	SG 24	SGFA			RCS	VT3		
A206918	PZR	SWFB			RCS	VT3	2	
A206923	RCP 21	SBFA SUPPORT			RCS	VT3	1	
A206923	RCP 22	SBFA SUPPORT			RCS	VT3		
A206923	RCP 23	SBFA SUPPORT			RCS	VT3		
A206923	RCP 24	SBFA SUPPORT			RCS	VT3		

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A      Item Number: F01.40

System: RHR

Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
A206670	RHRP 21	P	Y		RHR		1	
A206670	RHRP 22	P	Y		RHR			
A206919	RHX 21 A	SWFB			RHR	VT3		
A206919	RHX 21 B	SWFB			RHR	VT3		
A206919	RHX 22 A	SWFB			RHR	VT3	2	
A206919	RHX 22 B	SWFB			RHR	VT3	2	

TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A	Item Number: F01.40
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System: SIS
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Drawing	Identity	Description	Diameter	Thickness	System	NDE	Selected Period	Relief Request
B206677	CSP 22	PUMP			SIS	VT3	2	
A206698	SIP 21	PUMP			SIS	VT3		
B206726	CSP 21	PUMP			SIS	VT3		
B206782	SIP 22	PUMP			SIS	VT3	3	
B206782	SIP 23	PUMP			SIS	VT3		



TABLE 6.5-1  
 INDIAN POINT UNIT 2  
 THIRD 10 YEAR INTERVAL COMPONENT LISTING

Code Category: F-A

Item Number: F01.40

System: SW

Drawing	Line	Support	Type	Diameter	System	NDE	Selected Period	Relief Request
2106	SWP	21	PWFB		SW	VT3		
2106	SWP	22	PWFB		SW	VT3	2	
2106	SWP	23	PWFB		SW	VT3		
2106	SWP	24	PWFB		SW	VT3		
2106	SWP	25	PWFB		SW	VT3		
2106	SWP	26	PWFB		SW	VT3		
2106	ZRN	21	PWFB		SW	VT3		
2106	ZRN	22	PWFB		SW	VT3		
2106	ZRN	23	PWFB		SW	VT3		
2106	ZRN	24	PWFB		SW	VT3	3	
2106	ZRN	25	PWFB		SW	VT3		
2106	ZRN	26	PWFB		SW	VT3		

**SUBSECTION 6.6**

**TABLE 6.6-1  
LIST OF CALIBRATION BLOCKS**

6.6 List of Calibration Blocks

6.6.1 The calibration blocks to be used during the third inspection interval will be the same as those employed during the first and second interval. These blocks were prepared in accordance with the code requirement in effect at the time the applicable components were included in the ISI Program and in certain cases don't meet all the requirements contained in the 1989 Edition of Section XI for material of construction or calibration reflector orientation. Any differences between the calibration blocks and the requirements of the current Code will be noted in the UT examination procedure.

6.6.2 Table 6.6-1 contains the list of calibration blocks to be used at IP-2 during the third interval.

TABLE 6.6-1

## INDIAN POINT ULTRASONIC CALIBRATION BLOCKS

BLOCK#	SIZE OR SCHEDULE	HEAT #	MATERIAL	COMPONENT OR SYSTEM
IPP- 1	2.325*T (AXIAL)	D8770	A376TP316	SS   RCS PIPE (AXIAL)
IPP- 2	2.325*T (CIRC.)	D8770	A376TP316	SS   RCS PIPE (CIRC)
IPP- 3-10	5.0 *T	C0815	A533 69A GR-B C1.1	CS   SG INCLUSION
IPP-RV- 1	14. *T 36*L 6*W	MULTI	SA508 C1.3	CS   RV FLANGE
IPP-RV-70	9.0 *T 40*L 6*W	C5128	SA533 GR-B C1	CS   RV SHELL
IPP-RV-71	11.0 *T 38*L 6*W	C5128	SA533 GR-B C1	CS   RV SHELL
IPP-RV-72	6. *T 21*L 6*W	C5128	SA533 GR-B C1	CS   RV SHELL
IPP-RV-73	2.5 *T 18.5*L 6*W	MULTI	SA508, 316, CF8	DM   RV SAFE END
IPP-30	7.0 *T 24.5 *L 6*W	4885	A508 C1.2	CS   RV HEAD
IPP-31	5.25 *T 18.375*L 6*W	4885	A508 C1.2	CS   SG CH-TS
IPP-32 R1	3.5 *T 18.2 *L 6*W	D8366-5	A533 C1.1	CS   SG CL2
IPP-37	7.0 *D	121707	SA540 GR-B23	RV   STUD
IPP-38	4.25 *T 14.875*L 6*W	D8366-5	A533 GR-A C1	CS   PZR CL1
IPP-40	1.5 *T 31.*D	3G8217	A515 GR-70	CS   MS
IPP-41	1.0 *T 28.*D	2G5643	A155 KC-70 C1.1	CS   MS
IPP-42	.938*T 18.*D SCH 80	N73178	A106 GR-C	CS   FW
IPP-43	.750*T 18.*D SCH 60	L03912	A106 GR-C	CS   FW
IPP-44	.250*T 14.*D SCH 10	182	A312TP304	SS   RCS FILT
IPP-45	.687*T 12.*D SCH 80	N13396	A106 GR-B	CS   MS
IPP-46	.375*T 12.*D SCH 40S	F90262	A312TP304	SS   MS
IPP-47	1.125*T 10.*D SCH 160	8-655	A376TP316	SS   SIS
IPP-48	1.0 *T 10.*D SCH 140	K23734	A376TP316	SS   RCS,RHR
IPP-49	.844*T 10.*D SCH 120	856455	A240TP304	SS   CVC INJ. FILT.
IPP-50	.719*T 10.*D SCH 100	58205	A106 GR-B	CS   FW
IPP-51	.365*T 10.*D SCH 40S	7-068	A376TP304	SS   RHR,SIS
IPP-52	.906*T 8.*D SCH 160	7-825	A376TP316	SS   CVC REGEN HT EX
IPP-53	.906*T 8.*D SCH 160	L02617	A106 GR-B	CS   MS
IPP-54	.500*T 8.*D SCH 80	60692	A106 GR-B	CS   MS
IPP-55	.322*T 8.*D SCH 40S	M1993	A312TP304	SS   ACS,SIS
IPP-56	.719*T 6.*D SCH 160	B-1985	A376TP316	SS   RHR,SIS
IPP-57	.432*T 6.*D SCH 80S	M5126	A312TP316	SS   SIS
IPP-58	.432*T 6.*D SCH 80	255590	A106 GR-B	CS   MS
IPP-59	.281*T 6.*D SCH 40S	M2451	A312TP304	SS   SIS
IPP-60	.647*T 4.*D	M6556	A312TP316	SS   RCS
IPP-61	.531*T 4.*D SCH 160	C7279	A376TP316	SS   RCS
IPP-62	.438*T 3.*D SCH 160	05131	A376TP316	SS   CVC,RCS
IPP-63	.438*T 3.*D SCH 160	2F4334	A312TP304	SS   CVC
IPP-64	.344*T 2.*D SCH 160	NVA15W	A376TP316	SS   SIS
IPP-65	.281*T 1.5D SCH 160	NNN66B	A376TP316	SS   CVC,RCS
IPP-66	1.5 *T 13*L 4*W	D8248	SA516 GR-70	CS   PZR SKIRT

BLOCK#	SIZE OR SCHEDULE	HEAT #	MATERIAL	COMPONENT OR SYSTEM
IPF-67	.750*T 9*L 4*W	717278	SA240TP304	SS   RHR HT EX
IPF-68	.625*T 9*L 4*W	717278	SA240TP304	SS   CVC NON REGEN
IPF-69	.250*T 9*L 4*W	717278	SA240TP304	SS   CVC VCT
IPF-74	1.25 *T 14.*D SCH 140	535765	A376TP316	SS   RCS
IPF-75	.438*T 14.*D SCH 40	14085	A358TP316	SS   RHR
IPF-76	7.0 *D	13186	SA540	CS   RV STUD
IPF-77	3.5 *D	95864	SA540	CS   RCP STUD

== TABLE 6.6-1, PG 2 OF 2 ==

**SUBSECTION 6.7**

**TABLE 6.7-1  
LIST OF WELD DETAIL DRAWINGS**

6.7 List of Weld Detail Drawings

6.7.1 Table 6.7-1 contains a list of weld detail drawings applicable to the third interval ISI program.

TABLE 6.7-1

INDIAN POINT WELD DETAILS

DRAWING #	SIZE OR SCHEDULE	MATERIAL	COMPONENT OR SPECIFICATION
D207741	7.0 *T	SA 302 GR B, MOD SA-533 GR B CL 1	RVHC 1
D207742	7.0 *T	SA 302 GR B, MOD SA-533 GR B CL 1	RVHC 2
D207743	7.0 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RVHM 1
D207744	7.0 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RVHM 1
D207745	7.0 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RVHM 2
			RVHM 3
D207746	7.0 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RVHM 4
D207747	7.0 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RVHM 5
D207748	7.0 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RVHM 5
D207749	10.75 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RVHM 6
D207750	8.62 *T	SA 508 64, MOD SA 533 GR B CL 1	RPVC 1
		SA 302 B, MOD SA 533 GR B CL 1	RPVC 2
D207751	8.62 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVC 3
D207752	5.313 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVC 4
D207753	5.313 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVC 5
D207754	10.75 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVL 1
D207755	10.75 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVL 2
D207756	10.75 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVL 3
D207757	10.75 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVL 4
D207758	10.75 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVL 5
D207759	10.75 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVL 6
D207760	8.625 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVL 7
D207761	8.625 *T	SA 302 B, MOD SA 533 GR B CL 1	RPVL 8
D207762	5.31 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RPVM 1
D207763	5.31 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RPVM 2
D207764	5.31 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RPVM 3
D207765	5.31 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RPVM 4
D207766	5.31 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RPVM 5
D207767	5.31 *T	SA 302 GR B, MOD SA 533 GR B CL 1	RPVM 6
D207768	10.75 *T 54.0 *D SCH	SA 302 GR B, MOD SA-533 GR B CL 1	RPVN 1
D207769	10.75 *T 54.0 *D SCH	SA 302 GR B, MOD SA-533 GR B CL 1	RPVN 2
D207770	10.75 *T 54.0 *D SCH	SA 302 GR B, MOD SA-533 GR B CL 1	RPVN 3
D207771	10.75 *T 54.0 *D SCH	SA 302 GR B, MOD SA-533 GR B CL 1	RPVN 4
D207772	10.75 *T 54.0 *D SCH	SA 302 GR B, MOD SA-533 GR B CL 1	RPVN 5
D207773	10.75 *T 54.0 *D SCH	SA 302 GR B, MOD SA-533 GR B CL 1	RPVN 6
D207774	10.75 *T 54.0 *D SCH	SA 302 GR B, MOD SA-533 GR B CL 1	RPVN 7
D207775	10.75 *T 54.0 *D SCH	SA 302 GR B, MOD SA-533 GR B CL 1	RPVN 8
D207776	2.53 *T 34.0 *D SCH	SA 508-64, SA 182 TP 316, A 376 TP 316	RPVS 21-1A
D207777	2.53 *T 34.0 *D SCH	SA 508-64, SA 182 TP 316, A 376 TP 316	RPVS 21-14A
D207778	2.53 *T 34.0 *D SCH	SA 508-64, SA 182 TP 316, A 376 TP 316	RPVS 22-1A
D207779	2.53 *T 34.0 *D SCH	SA 508-64, SA 182 TP 316, A 376 TP 316	RPVS 22-14A
D207780	2.53 *T 34.0 *D SCH	SA 508-64, SA 182 TP 316, A 376 TP 316	RPVS 23-1A



DRAWING #	SIZE OR SCHEDULE	MATERIAL	COMPONENT OR SPECIFICATION
D207781	2.53 *T 34.0 *D SCH	1A 508-64, SA 182 TP 316, A 376 TP 316	IRPVS 23-14A
D207782	2.53 *T 34.0 *D SCH	1A 508-64, SA 182 TP 316, A 376 TP 316	IRPVS 24-1A
D207783	2.53 *T 34.0 *D SCH	1A 508-64, SA 182 TP 316, A 376 TP 316	IRPVS 24-14A
D207784	0.69 *T 4.5 *D	1SB 167, SA 182	ICRDP A 7
D207785	0.69 *T 4.5 *D	1SB 167, SA 182	ICRDP A 9
D207786	0.69 *T 4.5 *D	1SB 167, SA 182	ICRDP C 13
D207787	0.69 *T 4.5 *D	1SB 167, SA 182	ICRDP D 14
D207788	0.69 *T 4.5 *D	1SB 167, SA 182	ICRDP E 15
D207789	0.69 *T 4.5 *D	1SB 167, SA 182	ICRDP L 1
D207790	0.69 *T 4.5 *D	1SB 167, SA 182	ICRDP M 2
D207791	0.69 *T 4.5 *D	1SB 167, SA 182	ICRDP R 7
D207792	0.69 *T 4.5 *D	1SB 167, SA 182	ICRDP R 9
D207793	3.5 *T166.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-21-1
D207794	3.5 *T166.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-21-3
D207795	2.625 *T127.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-21-4
D207796	2.625 *T127.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-21-6
D207797	3.75 *T129.25 *D SCH	1SA 336, SA 336	ISGC-21-7
D207798	5.25 *T129.25 *D SCH	1SA 336, SA 216 GR WCB	ISGC-21-8
D207799	3.5 *T147.25 *D SCH	1SA 302 GR B, SA 336	ISGN-21-1
D207800	3.5 *T166.0 *D SCH	1SA 336, SA 302 GR B	ISGN-21-2
D207801	3.5 *T166.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-22-1
D207802	3.5 *T166.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-22-3
D207803	2.625 *T127.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-22-4
D207804	2.625 *T127.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-22-6
D207805	3.75 *T129.25 *D SCH	1SA 336, SA 336	ISGC-22-7
D207806	5.25 *T129.25 *D SCH	1SA 336, SA 216 GR WCB	ISGC-22-8
D207807	3.5 *T147.25 *D SCH	1SA 302 GR B, SA 336	ISGN-22-1
D207808	3.5 *T166.0 *D SCH	1SA 336, SA 302 GR B	ISGN-22-2
D207809	3.5 *T166.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-23-1
D207810	3.5 *T166.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-23-3
D207811	2.625 *T127.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-23-4
D207812	2.625 *T127.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-23-6
D207813	3.75 *T129.25 *D SCH	1SA 336, SA 336	ISGC-23-7
D207814	5.25 *T129.25 *D SCH	1SA 336, SA 216 GR WCB	ISGC-23-8
D207815	3.5 *T147.25 *D SCH	1SA 302 GR B, SA 336	ISGN-23-1
D207816	3.5 *T166.0 *D SCH	1SA 336, SA 302 GR B	ISGN-23-2
D207817	3.5 *T166.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-24-1
D207818	3.5 *T166.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-24-3
D207819	2.625 *T127.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-24-4
D207820	2.625 *T127.0 *D SCH	1SA 302 GR B, SA 302 GR B	ISGC-24-6

--- TABLE 6.7-1, PG 2 OF 8 ---

DRAWING #	SIZE OR SCHEDULE	MATERIAL	COMPONENT OR SPECIFICATION
D207821	3.75 *T129.25 *D SCH	SA 336, SA 336	SGC-24-7
D207822	5.25 *T129.25 *D SCH	SA 336, SA 216 GR WCB	SGC-24-8
D207823	3.5 *T147.25 *D SCH	SA 302 GR B, SA 336	SGN-24-1
D207824	3.5 *T166.0 *D SCH	SA 336, SA 302 GR B	SGN-24-2
D207825	1.5 *T 97.75 *D SCH	SA 216 GR WCC, SA 516 GR 70	PZR-ISW-A
D207826	4.188*T 92.375*D SCH	SA 302 GR B, 304, SA 216 GR WCC	PZRC-1
D207827	4.188*T 92.375*D SCH	SA 302 GR B, 304	PZRC-2
D207828	4.188*T 92.375*D SCH	SA 302 GR B, TP 304	PZRL-1
D207829	4.188*T 92.375*D SCH	SA 302 GR B, 304	PZRL-2
D207830	1.0 *T 6.0 *D SCH	SA 182 F 316, SA 216 GR WCC	PZRS-1
D207831	0.875*T 5.0 *D SCH	SA 182 F 316, SA 216 GR WCC	PZRS-2
D207832	1.125*T 5.5 *D SCH	SA 182 F 316, SA 216 GR WCC	PZRS-3
D207833	1.125*T 5.5 *D SCH	SA 182 F 316, SA 216 GR WCC	PZRS-4
D207834	1.125*T 5.5 *D SCH	SA 182 F 316, SA 216 GR WCC	PZRS-5
D207835	1.75 *T 14.0 *D SCH	SA 216 GR WCC, SA 312 T 316	PZRS-6
D207836	0.75 *T 34.5 *D SCH	SA 182, SA 240	RHXC-21-1
D207837	0.75 *T 34.5 *D SCH	SA 240, SA 240	RHXC-21-2
D207838	0.75 *T 34.5 *D SCH	SA 240, SA 240	RHXN-21-1
D207839	0.75 *T 34.5 *D SCH	SA 240, SA 240	RHXN-21-2
D207840	0.75 *T 34.5 *D SCH	SA 182, SA 240	RHXC-22-1
D207841	0.75 *T 34.5 *D SCH	SA 240, SA 240	RHXC-22-2
D207842	0.75 *T 34.5 *D SCH	SA 240, SA 240	RHXN-22-1
D207843	0.75 *T 34.5 *D SCH	SA 240, SA 240	RHXN-22-2
D207844	0.875*T 10.75 *D SCH	304, 304	SIFC-21-1
D207845	0.875*T 10.75 *D SCH	304, 304	SIFC-21-2
D207846	0.875*T 10.75 *D SCH	304, 304	SIFC-22-1
D207847	0.875*T 10.75 *D SCH	304, 304	SIFC-22-2
D207848	0.25 *T 14.0 *D SCH	304	RCFC-1
D207849	0.25 *T 14.0 *D SCH	304	RCFC-2
D207850	0.25 *T 14.0 *D SCH	304	RCFC-3
D207851	0.313*T 90.5 *D SCH	A 240, A 240	VCTC-1
D207852	0.313*T 90.5 *D SCH	A 240, A 240	VCTC-2
D207853	0.188*T 16.0 *D SCH	A 240, A 240	SRFC-1
D207854	0.188*T 16.0 *D SCH	304, 304	SRFC-2
D207855	0.188*T 16.0 *D SCH	304, 304	SRFC-3
D207856	0.625*T 22.0 *D SCH	SA 240, SA 182	NRXC-1
D207857	0.625*T 22.0 *D SCH	SA 240, SA 240	NRXC-2
D207858	0.781*T 9.328 *D SCH	T 304, T 304	RGXC-1-1
D207859	1.484*T 9.25 *D SCH	T 304, T 304	RGXC-1-2
D207860	1.484*T 9.25 *D SCH	T 304, T 304	RGXC-1-3

DRAWING #	SIZE OR SCHEDULE	MATERIAL	COMPONENT OR SPECIFICATION
D207861	0.781" T 9.328" D SCH	1T 304, T 304	RGXC-1-4
D207862	1.969" T 9.469" D SCH	1T 304, F 304 SA 182	RGXN-1-1
D207863	1.969" T 9.469" D SCH	1T 304, F 304 SA 182	RGXN-1-2
D207864	1.969" T 9.469" D SCH	1F 304 SA 182, T 304	RGXN-1-3
D207865	1.969" T 9.469" D SCH	1F 304 SA 182, T 304	RGXN-1-4
D207866	0.781" T 9.328" D SCH	1T 304, T 304	RGXC-2-1
D207867	1.484" T 9.25" D SCH	1T 304, T 304	RGXC-2-2
D207868	1.484" T 9.25" D SCH	1T 304, T 304	RGXC-2-3
D207869	0.781" T 9.328" D SCH	1T 304, T 304	RGXC-2-4
D207870	1.969" T 9.469" D SCH	1T 304, F 304 SA 182	RGXN-2-1
D207871	1.969" T 9.469" D SCH	1T 304, F 304 SA 182	RGXN-2-2
D207872	1.969" T 9.469" D SCH	1F 304 SA 182, T 304	RGXN-2-3
D207873	1.969" T 9.469" D SCH	1F 304 SA 182, T 304	RGXN-2-4
D207874	0.781" T 9.328" D SCH	1T 304, T 304	RGXC-3-1
D207875	1.484" T 9.25" D SCH	1T 304, T 304	RGXC-3-2
D207876	1.484" T 9.25" D SCH	1T 304, T 304	RGXC-3-3
D207877	0.781" T 9.328" D SCH	1T 304, T 304	RGXC-3-4
D207878	1.969" T 9.469" D SCH	1T 304, F 304 SA 182	RGXN-3-1
D207879	1.969" T 9.469" D SCH	1T 304, F 304 SA 182	RGXN-3-2
D207880	1.969" T 9.469" D SCH	1F 304 SA 182, T 304	RGXN-3-3
D207881	1.969" T 9.469" D SCH	1F 304 SA 182, T 304	RGXN-3-4
D207882	0.188" T 16.0" D SCH	1SA 240, SA 240	SWXC-1
D207883	0.188" T 16.0" D SCH	1SA 240, SA 240	SWXC-2
D207884	9.0" T115.375" D SCH	1A 351-63T	RCPC-21-1
D207885	7.5" T112.375" D SCH	1A 351-63T	RCPC-21-2
D207886	8.0" T113.375" D SCH	1A 351-63T	RCPC-21-3
D207887	9.0" T115.375" D SCH	1A 351-63T	RCPC-22-1
D207888	7.5" T112.375" D SCH	1A 351-63T	RCPC-22-2
D207889	8.0" T113.375" D SCH	1A 351-63T	RCPC-22-3
D207890	9.0" T115.375" D SCH	1A 351-63T	RCPC-23-1
D207891	7.5" T112.375" D SCH	1A 351-63T	RCPC-23-2
D207892	8.0" T113.375" D SCH	1A 351-63T	RCPC-23-3
D207893	9.0" T115.375" D SCH	1A 351-63T	RCPC-24-1
D207894	7.5" T112.375" D SCH	1A 351-63T	RCPC-24-2
D207895	8.0" T113.375" D SCH	1A 351-63T	RCPC-24-3
D207896	2.5" T 34.0" D SCH	1SA 182, A 376 TP 316	RCC-21-1
D207897	2.5" T 34.0" D SCH	1A 376 TP 316	RCC-21-2
D207898	2.5" T 34.0" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-21-3
D207899	3.0" T 37.0" D SCH	1A 351-65 GR CF8M, SA 216 GR WCB	SGS-21-4
D207900	3.0" T 37.0" D SCH	1A 351-65 GR CF8M, SA 216 GR WCB	SGS-21-5

DRAWING #	SIZE OR SCHEDULE	MATERIAL	COMPONENT OR SPECIFICATION
D207901	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-21-6
D207902	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-21-7
D207903	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-21-8
D207904	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-21-9
D207905	3.0" T 37.0" D SCH	1A 351-65 GR CF8M, A 351-63T GR CF8M	RCC-21-10
D207906	3.375" T 32.25" D SCH	1A 376 TP 316, A 351-63T GR CF8M	RCC-21-11
D207907	2.375" T 32.25" D SCH	1A 376 TP 316	RCC-21-12
D207908	2.375" T 32.25" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-21-13
D207909	2.688" T 32.875" D SCH	1SA 182, A 351-65 GR CF8M	RCC-21-14
D207910	3.313" T 37.625" D SCH	1A 351-65 GR CF8M	RCL-21-1
D207911	3.313" T 37.625" D SCH	1A 351-65 GR CF8M	RCL-21-2
D207912	3.313" T 37.625" D SCH	1A 351-65 GR CF8M	RCL-21-3
D207913	3.313" T 37.625" D SCH	1A 351-65 GR CF8M	RCL-21-4
D207914	2.5" T 34.0" D SCH	1SA 182, A 376 TP 316	RCC-22-1
D207915	2.5" T 34.0" D SCH	1A 376 TP 316	RCC-22-2
D207916	2.5" T 34.0" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-22-3
D207917	3.0" T 37.0" D SCH	1A 351-65 GR CF8M, SA 216 GR WCB	SGS-22-4
D207918	3.0" T 37.0" D SCH	1A 351-65 GR CF8M, SA 216 GR WCB	SGS-22-5
D207919	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-22-6
D207920	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-22-7
D207921	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-22-8
D207922	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-22-9
D207923	3.0" T 37.0" D SCH	1A 351-65 GR CF8M, A 351-63T GR CF8M	RCC-22-10
D207924	3.375" T 32.25" D SCH	1A 376 TP 316, A 351-63T GR CF8M	RCC-22-11
D207925	2.375" T 32.25" D SCH	1A 376 TP 316	RCC-22-12
D207926	2.375" T 32.25" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-22-13
D207927	2.688" T 32.875" D SCH	1SA 182, A 351-65 GR CF8M	RCC-22-14
D207928	3.313" T 37.625" D SCH	1A 351-65 GR CF8M	RCL-22-1
D207929	3.313" T 37.625" D SCH	1A 351-65 GR CF8M	RCL-22-2
D207930	3.313" T 37.625" D SCH	1A 351-65 GR CF8M	RCL-22-3
D207931	3.313" T 37.625" D SCH	1A 351-65 GR CF8M	RCL-22-4
D207932	2.5" T 34.0" D SCH	1SA 182, A 376 TP 316	RCC-23-1
D207933	2.5" T 34.0" D SCH	1A 376 TP 316	RCC-23-2
D207934	2.5" T 34.0" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-23-3
D207935	3.0" T 37.0" D SCH	1A 351-65 GR CF8M, SA 216 GR WCB	SGS-23-4
D207936	3.0" T 37.0" D SCH	1A 351-65 GR CF8M, SA 216 GR WCB	SGS-23-5
D207937	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-23-6
D207938	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-23-7
D207939	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-23-8
D207940	2.656" T 36.313" D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-23-9

DRAWING #	SIZE OR SCHEDULE	MATERIAL	COMPONENT OR SPECIFICATION
D207941	3.0 *T 37.0 *D SCH	1A 351-65 GR CF8M, A 351-63T GR CF8M	RCC-23-10
D207942	3.375*T 32.25 *D SCH	1A 376 TP 316, A 351-63T GR CF8M	RCC-23-11
D207943	2.375*T 32.25 *D SCH	1A 376 TP 316	RCC-23-12
D207944	2.375*T 32.25 *D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-23-13
D207945	2.688*T 32.875*D SCH	1SA 182, A 351-65 GR CF8M	RCC-23-14
D207946	3.313*T 37.625*D SCH	1A 351-65 GR CF8M	RCL-23-1
D207947	3.313*T 37.625*D SCH	1A 351-65 GR CF8M	RCL-23-2
D207948	3.313*T 37.625*D SCH	1A 351-65 GR CF8M	RCL-23-3
D207949	3.313*T 37.625*D SCH	1A 351-65 GR CF8M	RCL-23-4
D207950	2.5 *T 34.0 *D SCH	1SA 182, A 376 TP 316	RCC-24-1
D207951	2.5 *T 34.0 *D SCH	1A 376 TP 316	RCC-24-2
D207952	2.5 *T 34.0 *D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-24-3
D207953	3.0 *T 37.0 *D SCH	1A 351-65 GR CF8M, SA 216 GR WCB	SGS-24-4
D207954	3.0 *T 37.0 *D SCH	1A 351-65 GR CF8M, SA 216 GR WCB	SGS-24-5
D207955	2.656*T 36.313*D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-24-6
D207956	2.656*T 36.313*D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-24-7
D207957	2.656*T 36.313*D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-24-8
D207958	2.656*T 36.313*D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-24-9
D207959	3.0 *T 37.0 *D SCH	1A 351-65 GR CF8M, A 351-63T GR CF8M	RCC-24-10
D207960	3.375*T 32.25 *D SCH	1A 376 TP 316, A 351-63T GR CF8M	RCC-24-11
D207961	2.375*T 32.25 *D SCH	1A 376 TP 316	RCC-24-12
D207962	2.375*T 32.25 *D SCH	1A 376 TP 316, A 351-65 GR CF8M	RCC-24-13
D207963	2.688*T 32.875*D SCH	1SA 182, A 351-65 GR CF8M	RCC-24-14
D207964	3.313*T 37.625*D SCH	1A 351-65 GR CF8M	RCL-24-1
D207965	3.313*T 37.625*D SCH	1A 351-65 GR CF8M	RCL-24-2
D207966	3.313*T 37.625*D SCH	1A 351-65 GR CF8M	RCL-24-3
D207967	3.313*T 37.625*D SCH	1A 351-65 GR CF8M	RCL-24-4
D207968	2.5 *T 34.0 *D	1A 182 F 316, A 376 TP 316	10-1
D207969	2.375*T 32.25 *D SCH	1A 182 F 316-A 276 TP 316, A 376 TP 316	61-37
D207970	2.375*T 32.25 *D SCH	1A 182 F 316-A 276 TP 316, A 376 TP 316	
D207971	2.5 *T 34.0 *D SCH	1A 182 F 316, A376 TP 316	63-6
D207972	2.5 *T 34.0 *D SCH	1A 182 F 316 A 276 TP 316, A 376 TP 316	80-1
D207973	2.375*T 32.25 *D SCH	1A 182 F 316 A 276 TP 316, A 376 TP 316	96-1
D207974	2.375*T 32.25 *D SCH	1A 182 F 316, A 376 TP 316	350-1
D207975	2.375*T 32.25 *D SCH	1A 182 F 316, A 376 TP 316	351-1
D207976	2.375*T 32.25 *D SCH	1A 182 F 316, A 376 TP 316	352-1
D207977	2.375*T 32.25 *D SCH	1A 182 F 316, A 376 TP 316	353-1
D207978	0.688*T 4.5 *D SCH	1A 403 TP 316, SA 182 F 316	342-1
D207979	0.688*T 4.5 *D SCH	1A 403 TP 316, SA 182 F 316	343-1
D207980	0.688*T 4.5 *D SCH	1A 403 TP 316, SA 182 F 316	344-1

DRAWING #	SIZE OR SCHEDULE	MATERIAL	COMPONENT OR SPECIFICATION
D207981	0.531" T 4.5" D SCH	A 376 TP 316, SA 182 F 316	61-2
D207982	1.25" T 14.0" D SCH	SA 312 T 316, A 376 TP 316	63-1
D207983	0.531" T 4.5" D SCH	A 376 TP 316, SA 182 F 316	70-1
D207984	1.5" T 31.0" D SCH	A 155 GR KC70 CL 1, SA 336	1-1
D207985	1.5" T 31.0" D SCH	A 155 GR KC70 CL 1, SA 336	2-1
D207986	1.5" T 31.0" D SCH	A 155 GR KC70 CL 1, SA 336	3-1
D207987	1.5" T 31.0" D SCH	A 155 GR KC70 CL 1, SA 336	4-1
D207988	0.75" T 18.0" D SCH 60	A 106 GR C, SA 302 GR B	5-1
D207989	0.75" T 18.0" D SCH 60	A 106 GR C, SA 302 GR B	6-1
D207990	0.75" T 18.0" D SCH 60	A 106 GR C, SA 302 GR B	7-1
D207991	0.75" T 18.0" D SCH 60	A 106 GR C, SA 302 GR B	8-1
D207992	0.5" T 8.625" D SCH	SA 240, A 403 WP 304	9-1
D207993	0.5" T 8.625" D SCH	SA 240, A 403 WP 304	9-10
D207994	0.328" T 8.625" D SCH	CAST SS, A 376 TP 304	9-84
D207995	0.328" T 8.625" D SCH	CAST SS, A 376 TP 304	9-98
D207996	0.438" T 14.0" D SCH	A 376 TP 304, CAST SS	10-59
D207997	0.438" T 14.0" D SCH	A 376 TP 304, CAST SS	10-70
D207998	0.438" T 3.5" D SCH	A 312 TP 304, SA 182 F 304	19-2
D207999	0.438" T 3.5" D SCH	A 376 TP 316, SA 182 F 304	27-2
D208000	0.438" T 3.5" D SCH	A 376 TP 316, SA 182 F 304	79-25
D208001	0.438" T 3.5" D SCH	A 376 TP 304, SA 182 F 304	80-24
D208002	0.328" T 8.625" D SCH	304 SA 240, A 403 WP 304	361-1
"	0.5" T 8.625" D SCH	304 SA 240, A 403 WP 304	361-1
D208003	0.328" T 8.625" D SCH	304 SA 240, A 403 WP 304	361-15A
"	0.5" T 8.625" D SCH	304 SA 240, A 403 WP 304	361-15A
D208004	0.219" T 3.5" D SCH 40	A 106 GR B, A 234 WP B, A 105	CL 602
D208005	0.437" T 3.5" D SCH 160	A 376 TP 316, A 403 WP 316, A 182 F 316	CL 2501
D208006	0.437" T 3.5" D SCH 160	A 312 TP 304, A 403 F 304, A 182 F 316	CL 2502
D208007	0.328" T 4.5" D SCH 80S	A 312 TP 316, A 403 WP 316, A 182 F 316	CL 1501
D208008	0.531" T 4.5" D SCH 160	A 376 TP 316, A 403 WP 316, A 182 F 316	CL 2501
D208009	0.531" T 4.5" D SCH 160	A 312 TP 304, A 403 F 304, A 182 F 316	CL 2502
D208010	0.140" T 6.625" D SCH 10S	A 312 TP 304 304L, A 304 WP 304 304L, A 182 F 304 304L	CL 151
D208011	0.281" T 6.625" D SCH 40S	A 312 TP 304, A 403 TP 304, A 182 F 304	CL 301
D208012	0.281" T 6.625" D SCH 40S	A 312 TP 304, A 403 WP 304, A 182 F 304	CL 601
D208013	0.281" T 6.625" D SCH 40	A 106 GR B, A 234 WP B, A 105	CL 602
D208014	0.437" T 6.625" D SCH 80S	A 312 TP 316, A 403 WP 316, A 182 F 316	CL 1501
D208015	0.719" T 6.625" D SCH 160	A 376 TP 316, A 403 WP 316, A 182 F 316	CL 2501
D208016	0.437" T 6.625" D SCH 80	A 106 GR B, A 234 WP B, A 105 GR II	CL A-1
D208017	0.156" T 8.625" D SCH 10S	A 312 TP 304 304L, A 403 WP 304 304L, A 182 F 304 304L	CL 151
D208018	0.328" T 8.625" D SCH 40S	A 312 TP 304, A 403 TP 304, A 182 F 304	CL 301

DRAWING #	SIZE OR SCHEDULE	MATERIAL	COMPONENT OR SPECIFICATION
D208019	0.328" T 8.625" D SCH 40S	A 312 TP 304, A 403 WP 304, A 182 F 304	ICL 601
D208020	0.328" T 8.625" D SCH 40	A 106 GR B, A 234 WP B, A 105	ICL 602
D208021	0.906" T 8.625" D SCH 160	A 376 TP 316, A 403 WP 316, A 182 F 316	ICL 2501
D208022	0.5" T 8.625" D SCH 80	A 106 GR B, A 234 WP B, A 105 GR II	ICL A-1
D208023	0.171" T 10.75" D SCH 10S	A 312 TP 304 304L, A 403 WP 304 304L, A 182 F 304 304L	ICL 151
D208024	0.359" T 10.75" D SCH 40S	A 312 TP 304, A 403 WP 304, A 182 F 304	ICL 601
D208025	1.0" T 10.75" D SCH 140S	A 376 TP 316, A 403 WP 316	ICL 2501
D208026	1.125" T 10.75" D SCH 160	A 376 TP 316, A 403 WP 316, A 182 F 316	ICL 2501
D208027	0.781" T 10.75" D SCH 100	A 106 GR B, A 234 WP B, A 105	ICL B-1
D208028	0.187" T 12.75" D SCH 10S	A 312 TP 304 304L, A 403 WP 304 304L, A 182 F 304 304L	ICL 151
D208029	0.375" T 12.75" D SCH STD	A 376 A 358 CL 1 GR 304, A 403 WP 304, A 182 F 304	ICL 601
D208030	0.375" T 12.75" D SCH STD	A 106 GR B, A 234 WP B, A 105	ICL 602
D208031	0.688" T 12.75" D SCH 80	A 106 GR B, A 234 WP B, A 105 GR II	ICL A-1
D208032	0.437" T 14.0" D SCH 40S	A 376 358 CL 1 TP 304 316, A 403 WP 304 316, A 182 F 304	ICL 601
D208033	1.25" T 14.0" D SCH 140	A 376 TP 316, A 403 WP 316	ICL 2501
D208034	0.25" T 16.0" D SCH 10S	A 358 A 312 TP 304, A 403 WP 304 304L, A 182 F 304 304L	ICL 151
D208035	0.25" T 16.0" D SCH 10S	A 358 A 312 TP 304, A 403 WP 304 304L, A 182 F 304 304L	ICL 151
D208036	0.938" T 18.0" D SCH 80	A 106 GR C, A 234 WP B, A 105	ICL B-1
D208037	0.75" T 18.0" D SCH 60	A 106 GR C, A 234 WP B	ICL B-2
D208038	0.906" T 28.0" D SCH	A 155 KC 70 CL 1, A 234 WP B, A 105 GR II	ICL A-1
D208094	0.25" T 14.0" D SCH	A 358 A 312 TP 304, A 403 WP 304 304L	ICL 151
D208095	0.438" T 14.0" D SCH 40S	A 358\312 TP 304, A 403 WP 304\304L	ICL 151

== TABLE 6.7-1, PG 8 OF 8 ==

**SUBSECTION 6.8**

**TABLE 6.8-1  
LIST OF TYPICAL PROCEDURES**



**TABLE 6.8-1**

**TYPICAL NDE PROCEDURES FOR USE AT INDIAN POINT UNIT 2**

Visual Examination (VT-1)

Visual Examination for Evidence of Leakage (VT-2)

Visual Examination for Mechanical and Structural Conditions (VT-3)

Remote Underwater Visual Examination

Liquid Penetrant Examination

Magnetic Particle Examination

Ultrasonic Examination of Vessels Welds  $\leq 2$ " in thickness and all piping welds

Ultrasonic Examination of Vessels  $> 2$ " in thickness

Ultrasonic Examination of Reactor Coolant Pump Flywheels

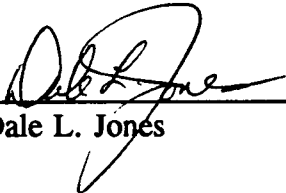
Ultrasonic Examination of Studs from Bore Hole

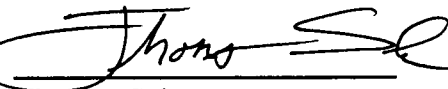
Automated Ultrasonic Examination of the Reactor Pressure Vessel

**SECTION 7.0**  
**INSPECTION PLAN PREPARERS**  
**AND APPROVERS STATEMENT**

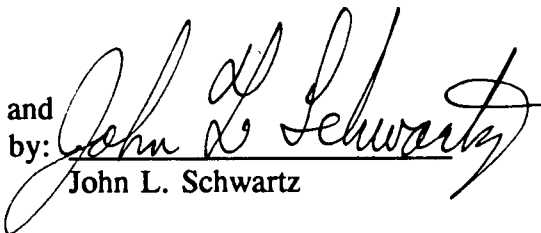
**7.0 Inspection Plan Preparers and Approvers Statements**

The Indian Point Unit 2 Inservice Inspection Plan was prepared, reviewed and approved by Pacific Nuclear personnel as follows:

Prepared by:  Date: 1/17/94  
Dale L. Jones

Reviewed and  
Approved by:  Date: 1/17/94  
Thomas Sale

The Indian Point Unit 2 Inservice Inspection Plan was reviewed and approved by the following Consolidated Edison Company of New York personnel:

Reviewed and  
Approved by:  Date: 1/19/94  
John L. Schwartz