

LOUISIANA
POWER & LIGHT

142 DELARONDE STREET
P. O. BOX 6008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

May 13, 1981

W3P81-1264
Q-3-N77.06
3-A43
3-A47

Mr. R. L. Tedesco
Assistant Director For Licensing
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

SUBJECT: Waterford SES Unit No. 3
Docket No. 50-382
Submittal of Waterford-3 Preservice Inspection Program
Plan and List of Pumps and Valves Subject to Inservice
Inspection

Dear Mr. Tedesco:

The Waterford SES Unit No. 3 preservice inspection program plan and supporting documentation is enclosed for your review and evaluation. This program consists of the following documents:

1. Shop Pre-Operational Inspection Volume 1 - Program Plan
2. Preservice Inspection Program Volume 6 - Field Program Plan
3. List of Supports requiring inservice inspection

Item 1 is the program plan for preservice inspection of the reactor vessel, steam generators, and pressurizer in Combustion Engineering's shop fabrication facilities. Examinations that were performed in the shop are identified. Those examinations which must be done at the Waterford plant site to complete the requirements for preservice examination of the vessels are also identified.

Item 2 is the program plan for preservice inspection of the remaining Class 1, Class 2, and Class 3 systems to be accomplished at the plant site. For convenience the system and areas to be listed in this section of the program have been listed on a zone basis, with welds, and components and their respective Section XI Examination Category and Examination Methods listed. Space has been provided for the calibration block and procedure to be listed. The basis for component selection and examination technique is the 1974 Edition of Section XI with addenda up to and including summer 1975. In the case of Class 2 piping welds, all welds are listed with those designated for examination being specifically highlighted. Supplemental to these lists are the augmented examination requirements of the Main Steam and Feedwater Systems. These are discussed in FSAR Section 6.6.8. Eddy Current examination of 100% of the Steam Generator tubes is also a supplemental examination.

Boo
11

A

8105180 192

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

Mr. Tedesco
W3P81-1264
Page 2

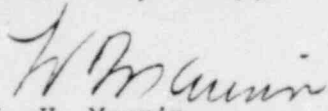
Item 3 lists all Class 1, Class 2 and Class 3 supports and the Section XI Examination Category and Examination Method applicable to each support.

Exceptions to ASME Section XI requirements based on component design are listed in items 1 and 2. Additional requests for relief based on site conditions may be submitted after preservice inspection is completed.

To supplement the preservice inspection program we have enclosed the preservice inspection specification. This specification references the 1974 Edition of Section XI with addenda up to and including the Summer 1975, supplemented by Appendix III from the 1977 Section XI Edition. If because of preservice examination test results it is necessary to make repairs, or replacements, a program based on the requirements of the 1977 Section XI Edition with addenda up to and including the Summer 1978 will be implemented.

Enclosed for advanced review are lists of pump and valves requiring operational readiness tests in accordance with Section XI Subsections IWP and IWV. These lists are based on the requirements of the 1977 Edition of Section XI with addenda up to and including Summer 1978. In accordance with 10 CFR50.55a(g), the ISI test conducted during the initial 120 month inspection interval following issuance of an operating license shall be in accordance with the latest Code editions in effect 12 months prior to the issuance of an operating license. Subsequent 120 month inspection intervals throughout the service life of the facility will comply, where practical, with those requirements in editions of the Code and addenda in effect 12 months prior to the start of each inspection interval. An in-service inspection plan will be submitted within 6 months of the anticipated date of commercial operation.

Yours very truly,



L. V. Maurin
Vice President - Nuclear Operations

LVM/MF/jc

Enclosures

cc: Mr. E. L. Blake
Mr. W. M. Stevenson

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD S.E.S. UNIT NO 3

INSERVICE INSPECTION
 PUMP LIST

NO.	DATE	REVISION	BY	CH	APPROVED
EBASCO SERVICES INCORPORATED NEW YORK			LOUISIANA POWER & LIGHT CO. WATERFORD SES UNIT NO. 3 1977 1165MW INSTALLATION		DWG NO. LOU 1564-183
DIV	MNE	DR	V.J.		
CH	John Jones		APPROVED ^{5/11/01} Mike Howard		
DATE	05/05/01				(COVER)

LOUISIANA POWER & LIGHT COMPANY

WATERFORD SES UNIT NO. 3

IN-SERVICE INSPECTION

PUMP 11S2

REFERENCES

1. ASME Code, Section XI

Rules for In-service Inspection of Nuclear Power Plant Components Division 1, 1977 Edition
through and including 1978 summer addenda

2. Ebasco General Arrangement Drawings LOU-1564 G-134 through G-145
3. Ebasco Flow Diagrams LOU-1564 G-151 through G-175
4. FSAR, Systems Description

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3
 LIST OF PUMPS FOR INSERVICE INSPECTION

NO.	PUMP TITLE	SYSTEM	SAFETY CLASS	TYPE OF PUMP	TYPE OF DRIVER	LOCATION OF PUMP AND COORDINATE ON G.A.	MEASURING VALUE			
							SPEED, N RPM	DIFFERENTIAL PRESSURE, Δ P PSI	FLOW, F GPM	VIBRATION, V
1	Containment Spray A	Containment Spray	2	Centrifugal	Motor (AC)	RAB, E1-35.0' Lou-1564 G-137, E-10	-	X	X	X
2	Containment Spray B	Containment Spray	2	Centrifugal	Motor (AC)	RAB, E1-35.0' Lou-1564 G-137, D-10	-	X	X	X
3	High-Pressure Safety Injection A	Safety Injection	2	Centrifugal	Motor (AC)	RAB, E1-35.0' Lou-1564 G-137, E-10	-	X	X	X
4	High-Pressure Safety Injection B	Safety Injection	2	Centrifugal	Motor (AC)	RAB, E1-35.0' Lou-1564 G-137, D-10	-	X	X	X
5	High-Pressure Safety Injection A/B	Safety Injection	2	Centrifugal	Motor (AC)	RAB, E1-35.0' Lou-1564 G-137, E-8	-	X	X	X
6	Low-Pressure Safety Injection A	Safety Injection	2	Centrifugal	Motor (AC)	RAB, E1-35.0' Lou-1564 G-137, E-11	-	X	X	X
7	Low-Pressure Safety Injection B	Safety Injection	2	Centrifugal	Motor (AC)	RAB, E1-35.0' Lou-1564 G-137, D-11	-	X	X	X

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3
 LIST OF PUMPS FOR INSERVICE INSPECTION

NO.	PUMP TITLE	SYSTEM	SAFETY CLASS	TYPE OF PUMP	TYPE OF DRIVER	LOCATION OF PUMP AND COORDINATE ON G.A.	MEASURING VALUE			
							SPEED, N RPM	DIFFERENTIAL PRESSURE, Δ P PSI	FLOW, F GPM	VIBRATION, V
8	Component Cooling Water A	Component Cooling Water	3	Centrifugal	Motor (AC)	RAB, E1+21.0' LOU-1564 G-135, C-6	-	X	X	X
9	Component Cooling Water B	Component Cooling Water	3	Centrifugal	Motor (AC)	RAB, E1+21.0' LOU-1564 G-135, C-8	-	X	X	X
10	Component Cooling Water A/B	Component Cooling Water	3	Centrifugal	Motor (AC)	RAB, E1+21.0' LOU-1564, G-135, C-7	-	X	X	X
11	Auxiliary Component Cooling Water A	Component Cooling Water	3	Centrifugal	Motor (AC)	RAB, E1-35.0' LOU-1564, G-145, H-3	-	X	X	X
12	Auxiliary Component Cooling Water B	Component Cooling Water	3	Centrifugal	Motor (AC)	RAB, E1-35.0' LOU-1564, G-145, H-15	-	X	X	X
13	Component Cooling Water Make-Up A	Component Cooling Water	3	Centrifugal	Motor (AC)	RAB, E1-35.0' LOU-1564 G-137, E-5	-	X	X	X
14	Component Cooling Water Make-Up B	Component Cooling Water	3	Centrifugal	Motor (AC)	RAB, E1-35.0' LOU-1564 G-137, E-5	-	X	X	X

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3
 LIST OF PUMPS FOR INSERVICE INSPECTION

NO.	PUMP TITLE	SYSTEM	SAFETY CLASS	TYPE OF PUMP	TYPE OF DRIVER	LOCATION OF PUMP AND COORDINATE ON G.A.	MEASURING VALUE			
							SPEED, N RPM	DIFFERENTIAL PRESSURE, Δ P PSI	FLOW, F GPM	VIBRATION, V
15	Emergency Feedwater A	Feedwater	3	Centrifugal	Motor (AC)	RAB, E1-35.0' LOU-1564 G-137, F-7	-	X	X	X
16	Emergency Feedwater B	Feedwater	3	Centrifugal	Motor (AC)	RAB, E1-35.0' LOU-1564 G-137, E-7	-	X	X	X
17										
18	Charging A	Chemical & Volume Control	2	Displacement	Motor (AC)	RAB, E1-30.0' LOU-1564 G-137, F-1	-	X	X	X
19	Charging B	Chemical & Volume Control	2	Displacement	Motor (AC)	RAB, E1-30.0' LOU-1564 G-137, F-4	-	X	X	X
20	Charging A/B	Chemical & Volume Control	2	Displacement	Motor (AC)	RAB, E1-30.0' LOU-1564 G-137, F-5	-	X	X	X
21	Boric Acid A	Chemical & Volume Control	3	Centrifugal	Motor (AC)	RAB, E1-35.0' LOU-1564 G-137, H-6	-	X	X	X
22	Boric Acid B	Chemical & Volume Control	3	Centrifugal	Motor (AC)	RAB, E1-35.0' LOU-1564 G-137, H-6	-	X	X	X

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3
 LIST OF PUMPS FOR INSE/ VICE INSPECTION

NO.	PUMP TITLE	SYSTEM	SAFETY CLASS	TYPE OF PUMP	TYPE OF DRIVER	LOCATION OF PUMP AND COORDINATE ON G.A.	MEASURING VALUE			
							SPEED, N RPM	DIFFERENTIAL PRESSURE, Δ P PSI	FLOW, F GPM	VIBRATION, V
23	Chilled Water 3A	Chilled Water	3	Centrifugal	Motor (AC)	RAB, E1+46.0' LOU-1564 G-134, E-3	-	X	X	X
24	Chilled Water 3B	Chilled Water	3	Centrifugal	Motor (AC)	RAB, E1+46.0' LOU-1564 G-134, D-3	-	X	X	X
25	Chilled Water 3C	Chilled Water	3	Centrifugal	Motor (AC)	RAB, E1+46.0' LOU-1564 G-134, E-2	-	X	X	X
26	Diesel Oil Transfer A	Emergency Diesel	3	Centrifugal	Motor (AC)	RAB, E1-35.0' LOU-1564 G-145, L-1	-	X	X	X
27	Diesel Oil Transfer B	Emergency Diesel	3	Centrifugal	Motor (AC)	RAB, E1-35.0' LOU-1564 G-145, L-16	-	X	X	X

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD S.E.S. UNIT NO 3

INSERVICE INSPECTION
 HANGER LIST

NO.	DATE	REVISION	BY	CH	APPROVED
EBASCO SERVICES INCORPORATED NEW YORK			LOUISIANA POWER & LIGHT CO. WATERFORD SES UNIT NO. 3 1977 1165MW INSTALLATION		DWG NO. LOU 1564-213
DIV	MNE	DR	V.T.	APPROVED <i>5/1/81</i> <i>John Howard</i>	
CH	<i>J. Jay</i>				
DATE	04/28/81				
					(COVER)

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3
IN-SERVICE INSPECTION
HANGER LIST

REFERENCES

1. ASME Code, Section XI

Rules for In-service Inspection of Nuclear Power Plant Components Division 1, 1977 Edition
through and including 1978 summer addenda

2. EMDRAC Hanger Drawing List, 02/28/81
3. Hanger Drawings, latest revision
4. Piping Isometrical drawings, latest revision

LOUISIANA POWER & LIGHT COMPANY

WATERFORD SES UNIT NO. 3

IN-SERVICE INSPECTION

HANGER LIST

ABBREVIATIONS

RR - Rigid Restraint

SR - Snubber

A - Anchor

SH - Spring Hanger

FUEL POOL COOLING & PURIFICATION SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	43	3FS12 -7 ^A /B	4305-4495 R1	IC-282	NO	IWD	VISUAL		
RR	47	3FS12 -7 ^A /B	4305-4499 R2	IC-282	YES	IWD	VISUAL		
RR	49	3FS12 -7 ^A /B	4305-4501 R ³	IC-282	NO	IWD	VISUAL		
RR	51	3FS12 -7 ^A /B	4305-4503 R2	IC-283	NO	IWD	VISUAL		
RR	53	3FS12 -7 ^A /B	4305-4505 R1	IC-283	NO	IWD	VISUAL		
RR	55	3FS12 -7 ^A /B	4305-4507 R1	IC-283	NO	IWD	VISUAL		
RR	57	3FS12 -7 ^A /B	4305-4509 R1	IC-283	NO	IWD	VISUAL		
RR	59	3FS12 -7 ^A /B	4305-4511 R2	IC-283	YES	IWD	VISUAL		
RR	61	3FS12 -7 ^A /B	4305-4513 R1	IC-283	NO	IWD	VISUAL		
SH	63	3FS12 -7 ^A /B	4305-4515 R ¹	IC-283	NO	IWD	VISUAL		
RR	65	3FS12 -7 ^A /B	4305-4517 R1	IC-283	NO	IWD	VISUAL		
RR	67	3FS12 -7 ^A /B	4305-4519 R3	IC-283	YES	IWD	VISUAL		
RH	69	3FS12 -7 ^A /B	4305-4521 R0	IC-283	NO	IWD	VISUAL		
RR	71	3FS12 -7 ^A /B	4305-4523 R1	IC-283	NO	IWD	VISUAL		
RR	73	3FS12 -51 ^A /B	4305-4526 R2	IC-283	NO	IWD	VISUAL		
RR	75	3FS12 -51 ^A /B	4305-4528 R1	IC-283	NO	IWD	VISUAL		
RR	77	3FS12 -51 ^A /B	4305-4530 R2	IC-283	YES	IWD	VISUAL		
RR	79	3FS12 -51 ^A /B	4305-4532 R1	IC-283	NO	IWD	VISUAL		
RR	232	3FS10 -2A	4305-6704 R1	IC-269	YES	IWD	VISUAL		
RR	233	3FS12 -1 ^A /B	4305-6705 R0	IC-269	NO	IWD	VISUAL		
RR	234	3FS12 -1 ^A /B	4305-6706 R1	IC-269	NO	IWD	VISUAL		
RR	235	3FS12 -1 ^A /B	4305-6707 R1	IC-268	NO	IWD	VISUAL		
RR	236	3FS12 -1 ^A /B	4305-6708 R1	IC-268	NO	IWD	VISUAL		
RR	237	3FS12 -1 ^A /B	4305-6709 R1	IC-268	YES	IWD	VISUAL		
RR	238	3FS12 -1 ^A /B	4305-6710 R1	IC-268	NO	IWD	VISUAL		
RR	239	3FS12 -1 ^A /B	4305-6711 R1	IC-268	NO	IWD	VISUAL		
RR	240	3FS12 -1 ^A /B	4305-6712 R0	IC-268	YES	IWD	VISUAL		
RR	263	3FS12 -6 ^A /B	4305-6728 R ¹	IC-270	YES	IWD	VISUAL		
RR	264	3FS10 -4 ^A	4305-6729 R1	IC-270	NO	IWD	VISUAL		
RR	265	3FS10 -4A	4305-6730 R1	IC-270	NO	IWD	VISUAL		
SH	267	3FS10 -5B	4305-6731 R1	IC-270	NO	IWD	VISUAL		

Date: _____
Revision: _____

FUEL POOL COOLING & PURIFICATION SYSTEM

LIST OF HANGERS FOR ISI

Sheet 2 of 2

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	268	3FS10 -5B	4305-6732 R1	IC-270	NO	IWD	VISUAL		
RR	269	3FS10 -5B	4305-6733 R0	IC-270	NO	IWD	VISUAL		
SH	305	3FS10 -3B	4305-6740 R1	IC-269	YES	IWD	VISUAL		
SH	306	3FS10 -2A	4305-6741 R0	IC-269	YES	IWD	VISUAL		
RR	248	2FS6-64A/B	4305-6716 R2	IC-297	NO	CE-2	VISUAL		

Date: _____
 Revision: _____

CHEMICAL & VOLUME CONTROL SYSTEM
 LIST OF HANGERS FOR ISI

Support Type Number	Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks

MAIN STEAM SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	241	2MS40-5A	4305-5004 R2	IC-10	YES	CE-1	SURFACE		
RR	242	2MS40-5A	4305-5006 R3	IC-10	YES	CE-1	SURFACE		
RR	243	2MS40-5A	4305-5008 R5	IC-10	YES	CE-1	SURFACE		
RR	244	2MS40-164A	4305-5009 R4	IC-10	YES	CE-1	SURFACE		
RR	247	2MS40-39B	4305-5014 R3	IC-50	YES	CE-1	SURFACE		
RR	248	2MS40-39B	4305-5015 R4	IC-50	YES	CE-1	SURFACE		
RR	249	2MS40-39B	4305-5017 R3	IC-49	YES	CE-1	SURFACE		
RR	250	2MS40-39B	4305-5019 R2	IC-49	YES	CE-1	SURFACE		
RR	268	3MS6 -90B	4305-6854 R1	IC-84	YES	IWD	VISUAL		
RR	253	3MS6 -90B	4305-6855 R2	IC-84	YES	IWD	VISUAL		
SR	254	3MS6 -90B	4305-6856 R1	IC-84	NO	IWD	VISUAL		
SH	255	3MS6 -90B	4305-6857 R1	IC-84	NO	IWD	VISUAL		
RR	256	3MS6 -90B	4305-6858 R1	IC-84	NO	IWD	VISUAL		
RR	257	3MS6 -90B	4305-6859 R0	IC-84	YES	IWD	VISUAL		
SR	258	3MS6 -90B	4305-6861 R1	IC-84	YES	IWD	VISUAL		
RR	259	3MS6 -90B	4305-6862 R0	IC-84	YES	IWD	VISUAL		
RR	260	3MS6 -90B	4305-6863 R1	IC-84	NO	IWD	VISUAL		
RR	261	3MS6 -90B	4305-6864 R1	IC-84	YES	IWD	VISUAL		
RR	262	3MS6 -90B	4305-6865 R0	IC-84	NO	IWD	VISUAL		
RR	263	3MS6 -90B	4305-6866 R0	IC-84	NO	IWD	VISUAL		
RR	264	3MS6 -90B	4305-6867 R2	IC-84	YES	IWD	VISUAL		
RR	265	3MS6 -90B	4305-6868 R3	IC-84	YES	IWD	VISUAL		
RR	266	3MS6 -90B	4305-6869 R0	IC-84	NO	IWD	VISUAL		
RR	267	3MS6 -90B	4305-6870 R1	IC-84	NO	IWD	VISUAL		
RR	269	3MS6 -90B	4305-6871 R0	IC-84	NO	IWD	VISUAL		
RR	279	3MS8 -91 ^{A/B}	4305-6872 R2	IC-838	YES	IWD	VISUAL		
RR	270	3MS6 -90B	4305-6874 R1	IC-838	YES	IWD	VISUAL		
SR	271	3MS6 -90B	4305-6876 R3	IC-838	YES	IWD	VISUAL		
SR	272	3MS6 -90B	4305-6877 R2	IC-838	YES	IWD	VISUAL		
RR	273	3MS6 -90B	4305-6878 R1	IC-838	NO	IWD	VISUAL		
RR	274	3MS6 -90B	4305-6879 R1	IC-838	YES	IWD	VISUAL		

Date: _____

Revision: _____

MAIN STEAM SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	275	3MS6 -90B	4305-6880 R1	IC-838	YES	IWD	VISUAL		
RR	276	3MS6 -90B	4305-6881 R2	IC-838	NO	IWD	VISUAL		
RR	277	3MS8 -91 ^A /B	4305-6882 R0	IC-838	YES	IWD	VISUAL		
RR	278	3MS8 -91 ^A /B	4305-6883 R1	IC-838	NO	IWD	VISUAL		
RR	280	3MS8 -91 ^A /B	4305-6884 R1	IC-842	NO	IWD	VISUAL		
RR	281	3MS8 -91 ^A /B	4305-6885 R0	IC-842	YES	IWD	VISUAL		
SR	282	3MS8 -91 ^A /B	4305-6886 R2	IC-842	NO	IWD	VISUAL		
RR	283	3MS8 -91 ^A /B	4305-6887 R0	IC-842	YES	IWD	VISUAL		
SR	284	3MS8 -91 ^A /B	4305-6888 R1	IC-842	YES	IWD	VISUAL		
SR	285	3MS8 -91 ^A /B	4305-6889 R2	IC-842	NO	IWD	VISUAL		
SR	286	3MS8 -91 ^A /B	4305-6890 R2	IC-842	YES	IWD	VISUAL		
SH	287	3MS8 -91 ^A /B	4305-6891 R2	IC-842	NO	IWD	VISUAL		
RR	288	3MS8 -91 ^A /B	4305-6892 R2	IC-842	YES	IWD	VISUAL		
RR	289	3MS8 -91 ^A /B	4305-6893 R2	IC-842	NO	IWD	VISUAL		
RR	290	3MS8 -91 ^A /B	4305-6894 R2	IC-842	NO	IWD	VISUAL		
SR	291	3MS8 -91 ^A /B	4305-6895 R2	IC-842	NO	IWD	VISUAL		
SH	292	3MS8 -91 ^A /B	4305-6896 R1	IC-842	NO	IWD	VISUAL		
SR	293	3MS8 -91 ^A /B	4305-6897 R2	IC-842	NO	IWD	VISUAL		
RR	295	3MS8 -91 ^A /B	4305-6899 R3	IC-842	NO	IWD	VISUAL		
SH	296	3MS6 -88A	4305-6900 R1	IC-843	YES	IWD	VISUAL		
RR	297	3MS6 -88A	4305-6901 R1	IC-843	NO	IWD	VISUAL		
SR	298	3MS6 -88A	4305-6902 R2	IC-843	NO	IWD	VISUAL		
SH	299	3MS16-111 ^A /B	4305-6903 R2	IC-76	YES	IWD	VISUAL		
RR	300	3MS16-111 ^A /B	4305-6904 R2	IC-76	YES	IWD	VISUAL		
RR	301	3MS16-111 ^A /B	4305-6905 R1	IC-76	NO	IWD	VISUAL		
RR	302	3MS16-111 ^A /B	4305-6906 R1	IC-76	NO	IWD	VISUAL		
RR	303	3MS16-111 ^A /B	4305-6907 R1	IC-76	NO	IWD	VISUAL		
RR	304	3MS16-111 ^A /B	4305-6908 R0	IC-76	YES	IWD	VISUAL		
RR	305	3MS16-111 ^A /B	4305-6910 R0	IC-76	YES	IWD	VISUAL		
RR	306	3MS16-111 ^A /B	4305-6911 R0	IC-76	YES	IWD	VISUAL		

Date: _____

Revision: _____

MAIN STEAM SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	363	2MS8-28A	4305-8703 R2	IC-844	NO	CE-2	VISUAL		
SR	364	2MS8-28A	4305-8704 R2	IC-844	NO	CE-2	VISUAL		
RR	365	2MS8-46B	4305-8705 R2	IC-845	NO	CE-2	VISUAL		
SR	366	2MS8-46B	4305-8706 R2	IC-845	NO	CE-2	VISUAL		
SH	479	2MS12-250	4305-9702 RO	IC-844	NO	CE-2	VISUAL		
RR	480	2MS12-250	4305-9703 RO	IC-844	NO	CE-2	VISUAL		
SH	481	2MS12-251	4305-9704 RO	IC-845	NO	CE-2	VISUAL		
RR	482	2MS12-251	4305-9705 RO	IC-845	NO	CE-2	VISUAL		

Date: _____
Revision: _____

MAIN STEAM SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SR	1	2MS34 -10B	8469-151 R1	IC-49	NO	CE-2	VISUAL		
SR	2	2MS34 -10B	8469-152 R1	IC-49	NO	CE-2	VISUAL		
SH	3	2MS40 -165B	8469-153 R3	IC-49	NO	CE-2	VISUAL		
SR	4	2MS40 -165B	8469-155 R1	IC-49	NO	CE-2	VISUAL		
SH	5	2MS40 -165B	8469-156 R2	IC-49	YES	CE-1	SURFACE		
SR	6	2MS40--165B	8469-159 R1	IC-49	NO	CE-2	VISUAL		
RR	7	2MS40 -165B	8469-160 R1	IC-49	NO	CE-2	VISUAL		
SR	8	2MS40 -165B	8469-161 R2	IC-49	NO	CE-2	VISUAL		
RR	9	2MS40 -165B	8469-162 R2	IC-49	NO	CE-2	VISUAL		
SR	10	2MS34 -1A	8469-163 R1	IC-10	NO	CE-2	VISUAL		
RR	11	2MS34 -1A	8469-164 R1	IC-10	NO	CE-2	VISUAL		
SH	12	2MS40 -163A	8469-165 R3	IC-10	NO	CE-2	VISUAL		
SR	13	2MS40 -163A	8469-167 R3	IC-10	NO	CE-2	VISUAL		
SH	14	2MS40 -163A	8469-168 R2	IC-10	YES	CE-1	SURFACE		
SR	15	2MS40 -163A	8469-171 R1	IC-10	NO	CE-2	VISUAL		
RR	16	2MS40 -163A	8469-172 R1	IC-10	NO	CE-2	VISUAL		
SR	17	2MS40 -163A	8469-173 R2	IC-10	NO	CE-2	VISUAL		
RR	18	2MS40 -163A	8469-2782 R0	IC-10	NO	CE-2	VISUAL		

Date: _____

Revision: _____

FEEDWATER SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SH	24	2FW20 -14B	4305-3117 R0	IC-77	Yes	CE-1	SURFACE		
SR	14	2FW20 -14B	4305-3131 R0	IC-77	No	CE-2	VISUAL		
SH	1	2FW18 -40A	4305-3148 R0	IC-56	No	CE-2	VISUAL		
RR	255	3FW 6 -21A/B	4305-6519 R1	IC-862	Yes	IWD	VISUAL		
RR	256	3FW6 -21A/B	4305-6520 R1	IC-862	No	IWD	VISUAL		
RR	257	3FW6 -21A/B	4305-6521 R1	IC-862	No	IWD	VISUAL		
RR	258	3FW6 -21A/B	4305-6522 R1	IC-863	No	IWD	VISUAL		
RR	259	3FW6 -25A/B	4305-6523 R1	IC-863	No	IWD	VISUAL		
RR	260	3FW6 -25A/B	4305-6524 R1	IC-863	No	IWD	VISUAL		
RR	267	3FW6 -22B	4305-6533 R1	IC-909	No	IWD	VISUAL		
RR	268	3FW6 -22B	4305-6534 R2	IC-909	Yes	IWD	VISUAL		
RR	269	3FW6 -22B	4305-6535 R1	IC-909	No	IWD	VISUAL		
A	270	3FW6 -22B	4305-6536 R4	IC-909	Yes	IWD	VISUAL		
RR	271	3FW6 -22B	4305-6537 R0	IC-909	No	IWD	VISUAL		
RR	272	3FW6 -22B	4305-6538 R2	IC-98	Yes	IWD	VISUAL		
RR	273	3FW6 -22B	4305-6540 R1	IC-98	Yes	IWD	VISUAL		
RR	274	3FW6 -22B	4305-6541 R1	IC-98	No	IWD	VISUAL		
RR	275	3FW6 -22B	4305-6542 R1	IC-98	No	IWD	VISUAL		
RR	275	3FW6 -22B	4305-6543 R1	IC-98	No	IWD	VISUAL		
RR	277	3FW6 -22B	4305-6544 R1	IC-98	No	IWD	VISUAL		
RR	278	3FW6 -22B	4305-6545 R1	IC-98	No	IWD	VISUAL		
RR	279	3FW6 -22B	4305-6546 R0	IC-98	No	IWD	VISUAL		
RR	280	3FW6 -22B	4305-6547 R1	IC-98	No	IWD	VISUAL		
RR	281	3FW6 -22B	4305-6548 R0	IC-98	No	IWD	VISUAL		
RR	282	3FW6 -22B	4305-6549 R1	IC-98	No	IWD	VISUAL		
RR	283	3FW6 -22B	4305-6550 R1	IC-98	Yes	IWD	VISUAL		
RR	284	3FW6 -22B	4305-6551 R1	IC-99	No	IWD	VISUAL		
SR	23	2FW20 -14B	4305-3118 R0	IC-77	No	CE-2	VISUAL		

Date: _____

Revision: _____

FEEDWATER SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	285	3FW6 -22B	4305-6552 R3	1C-99	No	IWD	VISUAL		
RR	286	3FW6 -22B	4305-6553 R2	1C-99	No	IWD	VISUAL		
RR	287	3FW6 -22B	4305-6554 R1	1C-99	No	IWD	VISUAL		
RR	288	3FW6 -22B	4305-6555 R1	1C-99	No	IWD	VISUAL		
RR	289	3FW6 -22B	4305-6556 R2	1C-99	No	IWD	VISUAL		
RR	290	3FW6 -22B	4305-6557 R1	1C-99	No	IWD	VISUAL		
RR	291	3FW6 -22B	4305-6558 R0	1C-99	No	IWD	VISUAL		
RR	292	3FW6 -22B	4305-6559 R0	1C-847	No	IWD	VISUAL		
RR	293	3FW6 -22B	4305-6560 R1	1C-847	No	IWD	VISUAL		
RR	294	3FW6 -22B	4305-6561 R0	1C-847	No	IWD	VISUAL		
RR	295	3FW6 -22B	4305-6562 R1	1C-847	Yes	IWD	VISUAL		
RR	296	2FW6 -23B	4305-6563 R0	1C-847	No	CE-2	VISUAL		
RK	298	3FW6 -75B	4305-6565 R0	1C-847	Yes	IWD	VISUAL		
A	304	3FW6 -19A	4305-6571 R3	1C-910	Yes	IWD	VISUAL		
RR	305	3FW6 -19A	4305-6572 R0	1C-910	Yes	IWD	VISUAL		
RR	306	3FW6 -19A	4305-6573 R1	1C-910	No	IWD	VISUAL		
RR	307	3FW6 -19A	4305-6574 R1	1C-86	No	IWD	VISUAL		
RR	308	3FW6 -19A	4305-6575 R0	1C-86	No	IWD	VISUAL		
RR	309	3FW6 -19A	4305-6576 R0	1C-86	Yes	IWD	VISUAL		
RR	310	3FW6 -19A	4305-6577 R1	1C-86	No	IWD	VISUAL		
RR	311	3FW6 -19A	4305-6578 R0	1C-86	Yes	IWD	VISUAL		
RR	312	3FW6 -19A	4305-6579 R1	1C-86	No	IWD	VISUAL		
RR	313	3FW6 -19A	4305-6580 R1	1C-87	Yes	IWD	VISUAL		
RR	314	3FW6 -19A	4305-6581 R1	1C-87	No	IWD	VISUAL		
RR	315	3FW6 -19A	4305-6582 R1	1C-87	No	IWD	VISUAL		
RR	316	3FW6 -19A	4305-6583 R1	1C-87	No	IWD	VISUAL		
RR	317	3FW6 -19A	4305-6584 R1	1C-87	No	IWD	VISUAL		
RR	318	3FW6 -19A	4305-6585 R1	1C-87	No	IWD	VISUAL		
RR	319	3FW6 -19A	4305-6586 R0	1C-851	Yes	IWD	VISUAL		

Date: _____
 Revision: _____

FEEDWATER SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	321	2FW6 -72A	4305-6588 R1	1C-851	Yes	CE-1	SURFACE		
RR	322	3FW6 -74A	4305-6589 R1	1C-851	Yes	IWD	VISUAL		
SH	340	2FW20 -12A	4305-9611 R1	1C-56	No	CE-2	VISUAL		
SH	348	2FW20 -14B	4305-9613 R1	1C-77	No	CE-2	VISUAL		
SH	1	2FW18 -40A	8469-122 R4	1C-56	No	CE-2	VISUAL		
SR	2	2FW20 -12A	8469-123 R1	1C-56	No	CE-2	VISUAL		
SH	4	2FW20 -12A	8469-124 R1	1C-56	Yes	CE-1	SURFACE		
RR	5	2FW20 -12A	8469-127 R2	1C-56	Yes	CE-1	SURFACE		
SR	6	2FW20 -12A	8469-129 R4	1C-56	No	CE-2	VISUAL		
SR	8	2FW20 -12A	8469-130 R2	1C-56	No	CE-2	VISUAL		
SH	9	2FW20 -12A	8469-131 R1	1C-56	Yes	CE-1	SURFACE		
RR	10	2FW20 -12A	8469-134 R2	1C-56	No	CE-2	VISUAL		
SR	11	2FW20 -12A	8469-135 R2	1C-56	No	CE-2	VISUAL		
SH	12	2FW20 -12A	8469-136 R2	1C-56	No	CE-2	SURFACE		
SH	13	2FW18 -41B	8469-137 R5	1C-77	No	CE-2	VISUAL		
SR	14	2FW20- 14B	8469-138 R1	1C-77	No	CE-2	VISUAL		
SH	16	2FW20 -14B	8469-139 R2	1C-77	Yes	CE-1	SURFACE		
RR	17	2FW20 -14B	8469-141 R3	1C-77	Yes	CE-1	SURFACE		
SR	18	2FW20 -14B	8469-143 R5	1C-77	No	CE-2	VISUAL		
SR	20	2FW20 -14B	8469-144 R3	1C-77	No	CE-2	VISUAL		
SH	21	2FW20 -14B	8469-145 R2	1C-77	Yes	CE-1	SURFACE		
RR	22	2FW20 -14B	8469-148 R1	1C-77	No	CE-2	VISUAL		
SR	23	2FW20 -14B	8469-149 R0	1C-77	No	CE-2	VISUAL		
SH	24	2FW20 -12A	8469-150 R1	1C-77	No	CE-2	VISUAL		

Date: _____
Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 1 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	2	3CC14 -133 ^A /B	4305-5242 R1	IC-739	NO	IWD	VISUAL		
RR	3	3CC14 -133 ^A /B	4305-5243 R1	IC-739	NO	IWD	VISUAL		
RR	4	3CC14 -133 ^A /B	4305-5244 R2	IC-739	NO	IWD	VISUAL		
RR	5	3CC14 -133 ^A /B	4305-5245 R0	IC-739	NO	IWD	VISUAL		
RR	6	3CC14 -133 ^A /B	4305-5246 R1	IC-739	NO	IWD	VISUAL		
RR	7	3CC14 -133 ^A /B	4305-5247 R2	IC-739	NO	IWD	VISUAL		
RR	8	3CC14 -133 ^A /B	4305-5248 R1	IC-739	NO	IWD	VISUAL		
RR	9	3CC14 -133 ^A /B	4305-5249 R1	IC-738	NO	IWD	VISUAL		
RR	12	3CC16 -203B	4305-5250 R2	IC-792	NO	IWD	VISUAL		
RR	13	3CC16 -203B	4305-5251 R0	IC-792	YES	IWD	VISUAL		
RR	14	3CC16 -202B	4305-5252 R0	IC-741	YES	IWD	VISUAL		
RR	15	3CC16 -203B	4305-5253 R0	IC-792	NO	IWD	VISUAL		
RR	16	3CC16 -203B	4305-5254 R1	IC-792	YES	IWD	VISUAL		
RR	17	3CC16 -203B	4305-5255 R0	IC-792	NO	IWD	VISUAL		
RR	18	3CC16 -203B	4305-5256 R0	IC-792	NO	IWD	VISUAL		
RR	19	3CC16 -203B	4305-5257 R0	IC-792	NO	IWD	VISUAL		
RR	20	3CC16 -203B	4305-5258 R2	IC-791	NO	IWD	VISUAL		
RR	22	3CC16 -203B	4305-5260 R2	IC-791	NO	IWD	VISUAL		
RR	23	3CC16 -203B	4305-5261 R1	IC-791	NO	IWD	VISUAL		
RR	24	3CC16 -203B	4305-5262 R2	IC-791	NO	IWD	VISUAL		
RR	25	3CC16 -203B	4305-5263 R1	IC-791	NO	IWD	VISUAL		
RR	26	3CC16 -203B	4305-5264 R2	IC-791	NO	IWD	VISUAL		
RR	27	3CC16 -203B	4305-5265 R2	IC-791	NO	IWD	VISUAL		
RR	28	3CC16 -203B	4305-5266 R2	IC-791	YES	IWD	VISUAL		
RR	29	3CC16 -203B	4305-5268 R3	IC-791	YES	IWD	VISUAL		
RR	30	3CC16 -203B	4305-5269 R1	IC-791	NO	IWD	VISUAL		
RR	31	3CC16 -203B	4305-5270 R1	IC-791	NO	IWD	VISUAL		
RR	32	3CC16 -203B	4305-5271 R1	IC-791	NO	IWD	VISUAL		
RR	33	3CC16 -203B	4305-5272 R1	IC-790	NO	IWD	VISUAL		
RR	34	3CC16 -203B	4305-5273 R3	IC-790	NO	IWD	VISUAL		
RR	35	3CC6 -144 ^A /B	4305-5274 R1	IC-814	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 2 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	36	3CC16 -203B	4305-5275 R2	IC-790	NO	IWD	VISUAL		
RR	37	3CC6 -144A/B	4305-5276 R1	IC-814	NO	IWD	VISUAL		
RR	38	3CC16 -203B	4305-5277 R1	IC-790	YES	IWD	VISUAL		
RR	39	3CC6 -144A/B	4305-5278 R2	IC-814	NO	IWD	VISUAL		
RR	40	3CC16 -203B	4305-5279 R1	IC-790	NO	IWD	VISUAL		
RR	41	3CC16 -248B	4305-5280 R1	IC-790	YES	IWD	VISUAL		
RR	42	3CC16 -248B	4305-5281 R0	IC-790	NO	IWD	VISUAL		
RR	43	3CC16 -248B	4305-5282 R1	IC-790	YES	IWD	VISUAL		
RR	44	3CC6 -144A/B	4305-5283 R1	IC-814	NO	IWD	VISUAL		
RR	45	3CC16 -248B	4305-5284 R1	IC-790	NO	IWD	VISUAL		
RR	46	3CC6 -205B	4305-5285 R0	IC-793	NO	IWD	VISUAL		
RR	47	3CC6 -205B	4305-5286 R1	IC-793	YES	IWD	VISUAL		
RR	49	3CC6 -253B	4305-5288 R0	IC-794	NO	IWD	VISUAL		
RR	50	3CC6 -253B	4305-5289 R1	IC-794	NO	IWD	VISUAL		
RR	51	3CC6 -253B	4305-5290 R1	IC-794	NO	IWD	VISUAL		
RR	52	3CC6 -253B	4305-5291 R0	IC-794	NO	IWD	VISUAL		
RR	53	3CC6 -253B	4305-5292 R1	IC-794	NO	IWD	VISUAL		
RR	54	3CC6 -253B	4305-5293 R0	IC-794	NO	IWD	VISUAL		
RR	55	3CC6 -253B	4305-5294 R1	IC-794	NO	IWD	VISUAL		
RR	56	3CC6 -144A/B	4305-5295 R3	IC-814	NO	IWD	VISUAL		
RR	57	3CC20 -107B	4305-5296 R1	IC-813	NO	IWD	VISUAL		
RR	58	3CC20 -107B	4305-5297 R2	IC-813	NO	IWD	VISUAL		
RR	60	3CC20 -107B	4305-5299 R2	IC-249	NO	IWD	VISUAL		
RR	61	3CC20 -107B	4305-5300 R1	IC-249	NO	IWD	VISUAL		
RR	63	3CC20 -107B	4305-5302 R1	IC-249	NO	IWD	VISUAL		
RR	65	3CC20 -107B	4305-5304 R3	IC-249	NO	IWD	VISUAL		
RR	66	3CC20 -107B	4305-5305 R2	IC-249	YES	IWD	VISUAL		
RR	69	3CC10 -83B	4305-5306 R2	IC-249	NO	IWD	VISUAL		
RR	70	3CC10 -83B	4305-5307 R2	IC-249	NO	IWD	VISUAL		
RR	71	3CC10 -83B	4305-5308 R3	IC-249	NO	IWD	VISUAL		
RR	72	3CC10 -83B	4305-5309 R1	IC-249	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 3 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	73	3CC10 -83B	4305-5310 R1	IC-249	YES	IWD	VISUAL		
RR	74	3CC10 -83B	4305-5311 R2	IC-249	NO	IWD	VISUAL		
RR	75	3CC10 -83B	4305-5312 R1	IC-249	NO	IWD	VISUAL		
SR	77	3CC10 -83B	4305-5314 R0	IC-249	YES	IWD	VISUAL		
RR	78	3CC20 -3B	4305-5315 R2	IC-721	YES	IWD	VISUAL		
RR	79	3CC10 -83B	4305-5316 R1	IC-249	YES	IWD	VISUAL		
RR	80	3CC10 -83B	4305-5317 R1	IC-249	NO	IWD	VISUAL		
RR	81	3CC10 -83B	4305-5318 R1	IC-249	NO	IWD	VISUAL		
RR	82	3CC10 -83B	4305-5319 R2	IC-764	NO	IWD	VISUAL		
RR	83	3CC8 -160B2	4305-5320 R1	IC-306	NO	IWD	VISUAL		
RR	84	3CC10 -83B	4305-5321 R1	IC-764	YES	IWD	VISUAL		
RR	85	3CC20 -3B	4305-5322 R1	IC-721	NO	IWD	VISUAL		
RR	86	3CC10 -83B	4305-5323 R0	IC-764	YES	IWD	VISUAL		
RR	87	3CC10 -83B	4305-5324 R1	IC-764	YES	IWD	VISUAL		
RR	88	3CC10 -83B	4305-5325 R1	IC-764	NO	IWD	VISUAL		
RR	89	3CC10 -83B	4305-5326 R1	IC-764	NO	IWD	VISUAL		
RR	90	3CC10 -83B	4305-5327 R2	IC-764	NO	IWD	VISUAL		
RR	91	3CC20 -3B	4305-5328 R0	IC-721	NO	IWD	VISUAL		
RR	92	3CC20 -3B	4305-5329 R1	IC-721	NO	IWD	VISUAL		
RR	93	3CC10 -83B	4305-5330 R2	IC-764	YES	IWD	VISUAL		
RR	94	3CC10 -83B	4305-5332 R1	IC-764	NO	IWD	VISUAL		
RR	95	3CC20 -3B	4305-5333 R1	IC-721	YES	IWD	VISUAL		
RR	96	3CC10 -83B	4305-5334 R2	IC-745	NO	IWD	VISUAL		
RR	97	3CC10 -83B	4305-5335 R1	IC-745	YES	IWD	VISUAL		
RR	102	3CC10 -83B	4305-5336 R0	IC-745	NO	IWD	VISUAL		
RR	103	3CC10 -83B	4305-5337 R1	IC-745	YES	IWD	VISUAL		
RR	104	3CC20 -3B	4305-5338 R1	IC-721	NO	IWD	VISUAL		
RR	105	3CC10 -83B	4305-5339 R1	IC-745	YES	IWD	VISUAL		
RR	106	3CC10 -83B	4305-5340 R0	IC-745	NO	IWD	VISUAL		
RR	107	3CC20 -3B	4305-5341 R1	IC-721	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	111	3CC10 -83A	4305-5342 R0	IC-742	NO	IWD	VISUAL		
RR	112	3CC10 -83A	4305-5343 R0	IC-742	YES	IWD	VISUAL		
RR	113	3CC20 -3B	4305-5344 R2	IC-721	NO	IWD	VISUAL		
RR	114	3CC10 -83A	4305-5345 R2	IC-742	YES	IWD	VISUAL		
RR	115	3CC10 -83A	4305-5346 R1	IC-742	NO	IWD	VISUAL		
RR	116	3CC20 -3B	4305-5347 R1	IC-742	NO	IWD	VISUAL		
RR	117	3CC10 -83A	4305-5348 R1	IC-743	YES	IWD	VISUAL		
RR	118	3CC10 -83A	4305-5349 R0	IC-743	NO	IWD	VISUAL		
RR	119	3CC10 -83A	4305-5350 R0	IC-743	NO	IWD	VISUAL		
RR	120	3CC10 -83A	4305-5351 R1	IC-743	NO	IWD	VISUAL		
RR	121	3CC10 -83A	4305-5352 R2	IC-743	YES	IWD	VISUAL		
RR	122	3CC10 -83A	4305-5353 R0	IC-743	NO	IWD	VISUAL		
RR	123	3CC10 -83A	4305-5354 R0	IC-743	NO	IWD	VISUAL		
RR	124	3CC10 -83A	4305-5355 R5	IC-252	YES	IWD	VISUAL		
RR	125	3CC10 -83A	4305-5356 R1	IC-252	NO	IWD	VISUAL		
RR	126	3CC10 -83A	4305-5357 R1	IC-252	YES	IWD	VISUAL		
RR	127	3CC10 -83A	4305-5358 R1	IC-252	NO	IWD	VISUAL		
RR	128	3CC10 -83A	4305-5359 R2	IC-252	YES	IWD	VISUAL		
RR	129	3CC10 -83A	4305-5360 R2	IC-252	YES	IWD	VISUAL		
RR	130	3CC10 -83A	4305-5361 R2	IC-252	YES	IWD	VISUAL		
RR	131	3CC10 -83A	4305-5362 R2	IC-252	YES	IWD	VISUAL		
RR	132	3CC10 -83A	4305-5363 R2	IC-252	YES	IWD	VISUAL		
RR	133	3CC10 -83A	4305-5364 R2	IC-252	YES	IWD	VISUAL		
RR	139	3CC10 -83A	4305-5370 R0	IC-743	NO	IWD	VISUAL		
RR	181	3CC20 -3B	4305-5411 R2	IC-721	YES	IWD	VISUAL		
RR	182	3CC16 -202B	4305-5412 R1	IC-741	YES	IWD	VISUAL		
RR	183	3CC16 -202B	4305-5413 R1	IC-741	NO	IWD	VISUAL		
RR	300	3CC6 -110A	4305-5515 R1	IC-810	NO	IWD	VISUAL		
RR	301	3CC6 -110A	4305-5516 R2	IC-810	NO	IWD	VISUAL		
RR	302	3CC6 -110A	4305-5517 R1	IC-810	NO	IWD	VISUAL		
RR	303	3CC6 -110A	4305-5518 R1	IC-810	NO	IWD	VISUAL		
RR	184	3CC16-203B	4305-5414 R0	IC-741	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 5 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	304	3CC6 -110A	4305-5519 R2	IC-810	NO	IWD	VISUAL		
RR	305	3CC6 -110A	4305-5520 R0	IC-810	YES	IWD	VISUAL		
RR	306	3CC6 -110A	4305-5521 R2	IC-810	NO	IWD	VISUAL		
RR	307	3CC6 -110A	4305-5522 R1	IC-810	NO	IWD	VISUAL		
RR	309	3CC10 -10A	4305-5523 R2	IC-744	NO	IWD	VISUAL		
RR	310	3CC10 -10A	4305-5524 R3	IC-744	NO	IWD	VISUAL		
RR	311	3CC10 -10A	4305-5525 R2	IC-744	YES	IWD	VISUAL		
RR	312	3CC10 -10A	4305-5526 R1	IC-744	NO	IWD	VISUAL		
RR	313	3CC10 -10A	4305-5527 R1	IC-744	NO	IWD	VISUAL		
RR	314	3CC10 -10A	4305-5528 R0	IC-744	NO	IWD	VISUAL		
RR	315	3CC10 -10A	4305-5529 R0	IC-744	NO	IWD	VISUAL		
RR	316	3CC10 -10A	4305-5530 R0	IC-744	NO	IWD	VISUAL		
RR	317	3CC10 -10A	4305-5531 R0	IC-744	NO	IWD	VISUAL		
RR	318	3CC10 -10A	4305-5532 R0	IC-744	NO	IWD	VISUAL		
RR	319	3CC10 -10A	4305-5533 R1	IC-744	NO	IWD	VISUAL		
RR	320	3CC10 -10A	4305-5534 R2	IC-744	NO	IWD	VISUAL		
RR	321	3CC20 -2A	4305-5535 R1	IC-723	NO	IWD	VISUAL		
RR	322	3CC20 -2A	4305-5536 R1	IC-723	YES	IWD	VISUAL		
RR	323	3CC20 -2A	4305-5537 R3	IC-723	YES	IWD	VISUAL		
RR	324	3CC20 -2A	4305-5538 R2	IC-723	NO	IWD	VISUAL		
RR	325	3CC8 -187A	4305-5539 R1	IC-723	NO	IWD	VISUAL		
RR	326	3CC8 -186A	4305-5540 R1	IC-723	NO	IWD	VISUAL		
RR	327	3CC8 -185A	4305-5541 R1	IC-723	NO	IWD	VISUAL		
RR	328	3CC8 -184A	4305-5542 R2	IC-723	NO	IWD	VISUAL		
RR	329	3CC8 -183A	4305-5543 R2	IC-723	NO	IWD	VISUAL		
A	330	3CC20 -2A	4305-5544 R2	IC-724	YES	IWD	VISUAL		
RR	331	3CC20 -2A	4305-5546 R2	IC-724	NO	IWD	VISUAL		
RR	332	3CC20 -2A	4305-5547 R2	IC-724	NO	IWD	VISUAL		
RR	333	3CC8 -182A	4305-5548 R1	IC-724	NO	IWD	VISUAL		
RR	334	3CC8 -181A	4305-5549 R1	IC-724	NO	IWD	VISUAL		
RR	335	3CC8 -180A	4305-5550 R1	IC-724	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 6 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	336	3CC8 -179A	4305-5551 R1	1C-724	NO	IWD	VISUAL		
RR	337	3CC8 -178A	4305-5552 R1	1C-725	NO	IWD	VISUAL		
RR	339	3CC20 -2A	4305-5554 R1	1C-725	NO	IWD	VISUAL		
RR	341	3CC20 -2A	4305-5555 R2	1C-725	NO	IWD	VISUAL		
RR	343	3CC20 -2A	4305-5557 R1	1C-725	NO	IWD	VISUAL		
RR	344	3CC20 -2A	4305-5558 R1	1C-725	NO	IWD	VISUAL		
RR	345	3CC20 -2A	4305-5559 R2	1C-725	NO	IWD	VISUAL		
RR	361	3CC20 -3A	4305-5560 R0	1C-729	NO	IWD	VISUAL		
RR	362	3CC20 -2B	4305-5561 R0	1C-715	YES	IWD	VISUAL		
RR	363	3CC20 -2B	4305-5562 R2	1C-715	NO	IWD	VISUAL		
RR	364	3CC8 -215B	4305-5563 R1	1C-715	NO	IWD	VISUAL		
RR	365	3CC8 -214B	4305-5564 R1	1C-715	NO	IWD	VISUAL		
RR	366	3CC8 -213B	4305-5565 R1	1C-715	NO	IWD	VISUAL		
RR	367	3CC8 -212B	4305-5566 R1	1C-715	NO	IWD	VISUAL		
RR	368	3CC8 -211B	4305-5567 R1	1C-715	NO	IWD	VISUAL		
RR	369	3CC20 -2B	4305-5568 R0	1C-716	YES	IWD	VISUAL		
A	370	3CC20 -2B	4305-5569 R3	1C-716	YES	IWD	VISUAL		
RR	371	3CC20 -2B	4305-5571 R2	1C-716	NO	IWD	VISUAL		
RR	372	3CC8 -210B	4305-5572 R1	1C-716	NO	IWD	VISUAL		
RR	373	3CC8 -209B	4305-5573 R2	1C-716	NO	IWD	VISUAL		
RR	374	3CC8 -208B	4305-5574 R1	1C-716	NO	IWD	VISUAL		
RR	375	3CC8 -207B	4305-5575 R1	1C-716	NO	IWD	VISUAL		
RR	376	3CC20 -2B	4305-5576 R2	1C-717	NO	IWD	VISUAL		
RR	377	3CC8 -206B	4305-5577 R1	1C-717	NO	IWD	VISUAL		
RR	378	3CC20 -2B	4305-5578 R1	1C-717	NO	IWD	VISUAL		
RR	379	3CC16 -18B	4305-5579 R1	1C-717	NO	IWD	VISUAL		
RR	380	3CC16 -18B	4305-5580 R2	1C-717	NO	IWD	VISUAL		
RR	418	3CC16 -202B	4305-5598 R1	1C-741	NO	IWD	VISUAL		
RR	419	3CC16 -202B	4305-5599 R2	1C-741	YES	IWD	VISUAL		
RR	420	3CC16 -202B	4305-5600 R0	1C-741	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 7 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	421	3CC10 -10B	4305-5601 R3	1C-234	NO	IWD	VISUAL		
RR	422	3CC10 -10B	4305-5602 R2	1C-233	NO	IWD	VISUAL		
RR	424	3CC10 -10B	4305-5604 R1	1C-233	NO	IWD	VISUAL		
RR	425	3CC10 -10B	4305-5605 R2	1C-233	NO	IWD	VISUAL		
RR	427	3CC10 -10B	4305-5607 R2	1C-233	NO	IWD	VISUAL		
RR	429	3CC10 -10B	4305-5609 R2	1C-233	NO	IWD	VISUAL		
RR	431	3CC10 -10B	4305-5611 R2	1C-233	NO	IWD	VISUAL		
RR	433	3CC10 -10B	4305-5613 R2	1C-233	NO	IWD	VISUAL		
RR	434	3CC10 -10B	4305-5614 R2	1C-233	NO	IWD	VISUAL		
RR	435	3CC10 10B	4305-5615 R2	1C-233	NO	IWD	VISUAL		
RR	436	3CC10 -10B	4305-5616 R0	1C-233	NO	IWD	VISUAL		
RR	438	3CC20 -4B	4305-5617 R0	1C-253	YES	IWD	VISUAL		
RR	439	3CC20 -4B	4305-5618 R1	1C-253	YES	IWD	VISUAL		
RR	440	3CC20 -4B	4305-5619 R2	1C-253	NO	IWD	VISUAL		
RR	441	3CC20 -4B	4305-5620 R3	1C-253	NO	IWD	VISUAL		
RR	442	3CC20 -4B	4305-5621 R2	1C-253	NO	IWD	VISUAL		
RR	444	3CC20 -201A	4305-5622 R2	1C-709	NO	IWD	VISUAL		
RR	445	3CC20 -201A	4305-5623 R0	1C-710	YES	IWD	VISUAL		
RR	446	3CC20 -201B	4305-5624 R0	1C-710	NO	IWD	VISUAL		
RR	456	3CC16 -202A	4305-5633 R1	1C-752	NO	IWD	VISUAL		
RR	457	3CC16 -202A	4305-5634 R1	1C-752	NO	IWD	VISUAL		
RR	458	3CC16 -202A	4305-5635 R1	1C-753	NO	IWD	VISUAL		
RR	460	3CC16 -202A	4305-5636 R2	1C-753	YES	IWD	VISUAL		
RR	461	3CC16 -202A	4305-5637 R1	1C-753	YES	IWD	VISUAL		
RR	462	3CC16 -202A	4305-5638 R3	1C-753	NO	IWD	VISUAL		
RR	463	3CC16 -202A	4305-5639 R1	1C-753	NO	IWD	VISUAL		
RR	464	3CC16 -202A	4305-5640 R1	1C-753	YES	IWD	VISUAL		
RR	465	3CC 6 -71A	4305-5642 R1	1C-254	NO	IWD	VISUAL		
RR	466	3CC6 -71A	4305-5643 R1	1C-254	YES	IWD	VISUAL		
RR	469	3CC6 -71A	4305-5644 R3	1C-254	YES	IWD	VISUAL		
RR	467	3CC6 -71A	4305-6233 R3	1C-254	YES	IWS	VISUAL		
RR	468	3CC6 -71A	4305-6234 R2	1C-254	NO	IWD	VISUAL		

Date: _____
Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 8 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	470	3CC6 -71A	4305-5645 R3	1C-254	NO	IWD	VISUAL		
RR	471	3CC6 -71A	4305-5646 R3	1C-254	NO	IWD	VISUAL		
A	473	3CC6 -71A	4305-5648 R4	1C-254	YES	IWD	VISUAL		
RR	475	3CC6 -71A	4305-5650 R2	1C-254	NO	IWD	VISUAL		
RR	476	3CC6 -71A	4305-5651 R2	1C-254	NO	IWD	VISUAL		
RR	477	3CC6 -71A	4305-5652 R1	1C-254	NO	IWD	VISUAL		
RR	478	3CC6 -71A	4305-5653 R2	1C-255	NO	IWD	VISUAL		
RR	479	3CC6 -71A	4305-5654 R3	1C-255	NO	IWD	VISUAL		
RR	480	3CC6 -71A	4305-5655 R2	1C-255	NO	IWD	VISUAL		
RR	185	3CC8 -159A2	4305-5715 R1	1C-348	NO	IWD	VISUAL		
RR	340	3CC20 -2A	4305-5716 R1	1C-723	YES	IWD	VISUAL		
RR	346	3CC20 -3A	4305-5719 R1	1C-727	YES	IWD	VISUAL		
RR	347	3CC20 -3A	4305-5720 R1	1C-727	YES	IWD	VISUAL		
RR	348	3CC20 -3A	4305-5721 R2	1C-727	YES	IWD	VISUAL		
RR	349	3CC20 -3A	4305-5722 R2	1C-727	YES	IWD	VISUAL		
RR	350	3CC20 -3A	4305-5723 R1	1C-727	YES	IWD	VISUAL		
A	351	3CC20 -3A	4305-5724 R5	1C-728	YES	IWD	VISUAL		
RR	352	3CC20 -3A	4305-5726 R1	1C-728	YES	IWD	VISUAL		
RR	353	3CC20 -3A	4305-5727 R0	1C-729	YES	IWD	VISUAL		
RR	354	3CC20 -3A	4305-5728 R1	1C-729	YES	IWD	VISUAL		
RR	355	3CC20 -3A	4305-5729 R1	1C-729	YES	IWD	VISUAL		
RR	356	3CC20 -3A	4305-5730 R0	1C-729	YES	IWD	VISUAL		
RR	357	3CC20 -3A	4305-5731 R1	1C-729	YES	IWD	VISUAL		
RR	358	3CC20 -3A	4305-5733 R1	1C-729	YES	IWD	VISUAL		
RR	359	3CC20 -3A	4305-5734 R0	1C-729	NO	IWD	VISUAL		
RR	360	3CC20 -3A	4305-5735 R0	1C-729	NO	IWD	VISUAL		
RR	381	3CC20 -3B	4305-5736 R0	1C-718	YES	IWD	VISUAL		
RR	382	3CC20 -3B	4305-5737 R1	1C-718	YES	IWD	VISUAL		
RR	383	3CC20 -3B	4305-5738 R0	1C-718	YES	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 9 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	384	3CC20 -3B	4305-5739 R1	1C-718	YES	IWD	VISUAL		
RR	386	3CC20 -3B	4305-5740 R1	1C-719	YES	IWD	VISUAL		
RR	387	3CC20 -3B	4305-5741 R0	1C-720	YES	IWD	VISUAL		
RR	388	3CC20 -3B	4305-5742 R0	1C-720	YES	IWD	VISUAL		
RR	389	3CC20 -2A	4305-5743 R0	1C-723	YES	IWD	VISUAL		
RR	390	3CC20 -2A	4305-5744 R0	1C-723	YES	IWD	VISUAL		
RR	391	3CC20 -2B	4305-5745 R0	1C-715	YES	IWD	VISUAL		
RR	392	3CC20 -2B	4305-5746 R0	1C-716	YES	IWD	VISUAL		
RR	393	3CC20 -3B	4305-5747 R1	1C-720	YES	IWD	VISUAL		
RR	394	3CC20 -3B	4305-5748 R2	1C-720	YES	IWD	VISUAL		
RR	395	3CC20 -3B	4305-5749 R0	1C-720	NO	IWD	VISUAL		
RR	396	3CC20 -3B	4305-5750 R0	1C-720	NO	IWD	VISUAL		
RR	397	3CC8 -159A2	4305-5752 R1	1C-348	NO	IWD	VISUAL		
RR	398	3CC8 -159A2	4305-5753 R1	1C-348	NO	IWD	VISUAL		
RR	399	3CC8 -159A2	4305-5754 R2	1C-348	NO	IWD	VISUAL		
RR	400	3CC8 -159A2	4305-5755 R2	1C-348	NO	IWD	VISUAL		
RR	455	3CC16 -202A	4305-5756 R1	1C-752	NO	IWD	VISUAL		
RR	459	3CC16 -202A	4305-5757 R3	1C-753	YES	IWD	VISUAL		
RR	521	3CC6 -71A	4305-5776 R1	1C-255	NO	IWD	VISUAL		
RR	522	3CC6 -71A	4305-5777 R2	1C-255	NO	IWD	VISUAL		
RR	523	3CC6 -71A	4305-5778 R0	1C-255	NO	IWD	VISUAL		
RR	524	3CC6 -71A	4305-5779 R1	1C-255	NO	IWD	VISUAL		
RR	525	3CC6 -71A	4305-5780 R2	1C-255	NO	IWD	VISUAL		
RR	526	3CC20 -107A	4305-5781 R2	1C-255	NO	IWD	VISUAL		
RR	527	3CC20 -107A	4305-5782 R1	1C-255	NO	IWD	VISUAL		
RR	528	3CC2 -107A	4305-5783 R1	1C-255	NO	IWD	VISUAL		
RR	529	3CC6 -71B	4305-5784 R2	1C-759	NO	IWD	VISUAL		
RR	530	3CC6 -71B	4305-5785 R3	1C-759	YES	IWD	VISUAL		
RR	531	3CC6 -71B	4305-5786 R3	1C-759	NO	IWD	VISUAL		
RR	532	3CC6 -71B	4305-5787 R3	1C-759	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 10 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	536	3CC6 -71B	4305-5791 R2	1C-759	NO	IWD	VISUAL		
RR	537	3CC6 -71B	4305-5792 R0	1C-759	NO	IWD	VISUAL		
RR	538	3CC6 -71B	4305-5793 R2	1C-759	NO	IWD	VISUAL		
RR	539	3CC6 -71B	4305-5794 R0	1C-759	NO	IWD	VISUAL		
RR	540	3CC6 -9A	4305-5795 R0	1C-803	YES	IWD	VISUAL		
RR	545	3CC6 -60	4305-5800 R2	1C-815	NO	IWD	VISUAL		
RR	546	3CC6 -60	4305-5801 R1	1C-815	NO	IWD	VISUAL		
A	547	3CC6 -60	4305-5802 R5	1C-815	YES	IWD	VISUAL		
RR	561	3CC6 -9A	4305-5816 R0	1C-803	YES	IWD	VISUAL		
RR	566	3CC6 -110B	4305-5821 R1	1C-797	NO	IWD	VISUAL		
RR	567	3CC6 -110B	4305-5822 R0	1C-797	NO	IWD	VISUAL		
RR	568	3CC6 -110B	4305-5823 R1	1C-797	NO	IWD	VISUAL		
RR	569	3CC6 -110B	4305-5824 R0	1C-797	NO	IWD	VISUAL		
RR	570	3CC6 -110B	4305-5825 R1	1C-797	NO	IWD	VISUAL		
RR	571	3CC6 -110B	4305-5826 R1	1C-797	NO	IWD	VISUAL		
RR	572	3CC6 -110B	4305-5827 R2	1C-797	NO	IWD	VISUAL		
RR	574	3CC16 -246A	4305-5828 R1	1C-746	NO	IWD	VISUAL		
RR	575	3CC16 -246A	4305-5829 R0	1C-746	NO	IWD	VISUAL		
RR	576	3CC16 -246A	4305-5830 R0	1C-746	NO	IWD	VISUAL		
RR	577	3CC16 -246A	4305-5831 R0	1C-746	NO	IWD	VISUAL		
RR	578	3CC16 -203A	4305-5832 R0	1C-746	NO	IWD	VISUAL		
RR	579	3CC16 -203A	4305-5833 R1	1C-746	NO	IWD	VISUAL		
RR	580	3CC16 -203A	4305-5834 R0	1C-746	NO	IWD	VISUAL		
RR	621	3CC16 -203A	4305-5875 R0	1C-746	YES	IWD	VISUAL		
RR	622	3CC16 -203A	4305-5876 R2	1C-746	YES	IWD	VISUAL		
RR	623	3CC16 -203A	4305-5877 R0	1C-747	YES	IWD	VISUAL		
RR	625	3CC16 -203A	4305-5879 R1	1C-747	NO	IWD	VISUAL		
RR	626	3CC16 -203A	4305-5880 R0	1C-747	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 11 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	627	3CC16 -203A	4305-5881 R0	1C-747	NO	IWD	VISUAL		
RR	628	3CC16 -203A	4305-5882 R0	1C-747	NO	IWD	VISUAL		
RR	630	3CC10 -89B	4305-5883 R0	1C-250	NO	IWD	VISUAL		
RR	631	3CC10 -89B	4305-5884 R0	1C-250	NO	IWD	VISUAL		
RR	632	3CC10 -89B	4305-5885 R2	1C-250	NO	IWD	VISUAL		
RR	633	3CC10 -89B	4305-5886 R1	1C-250	NO	IWD	VISUAL		
RR	634	3CC10 -89B	4305-5887 R1	1C-250	NO	IWD	VISUAL		
RR	635	3CC10 -89B	4305-5888 R1	1C-250	NO	IWD	VISUAL		
RR	636	3CC10 -89B	4305-5889 R1	1C-250	NO	IWD	VISUAL		
RR	637	3CC10 -89B	4305-5890 R2	1C-250	NO	IWD	VISUAL		
SH	638	3CC8 -82B	4305-5891 R1	1C-250	NO	IWD	VISUAL		
RR	639	3CC8 -160B1	4305-5892 R3	1C-756	NO	IWD	VISUAL		
RR	640	3CC8 -160B1	4305-5893 R2	1C-756	NO	IWD	VISUAL		
RR	641	3CC8 -160B1	4305-5894 R1	1C-756	NO	IWD	VISUAL		
RR	642	3CC8 -160B1	4305-5895 R1	1C-756	NO	IWD	VISUAL		
RR	643	3CC8 -160B2	4305-5896 R2	1C-750	NO	IWD	VISUAL		
RR	644	3CC8 -160B2	4305-5897 R2	1C-750	NO	IWD	VISUAL		
RR	645	3CC8 -160B2	4305-5898 R3	1C-750	YES	IWD	VISUAL		
RR	646	3CC8 -160B2	4305-5899 R2	1C-750	NO	IWD	VISUAL		
RR	647	3CC8 -160B2	4305-5900 R2	1C-750	NO	IWD	VISUAL		
RR	648	3CC8 -160B2	4305-5901 R0	1C-750	NO	IWD	VISUAL		
RR	649	3CC8 -160B2	4305-5902 R1	1C-306	NO	IWD	VISUAL		
RR	650	3CC8 -160B2	4305-5903 R1	1C-306	YES	IWD	VISUAL		
RR	651	3CC8 -160B2	4305-5904 R1	1C-306	NO	IWD	VISUAL		
SH	652	2CC8 -91B2	4305-5905 R1	1C-306	YES	CE-1	SURFACE		
RR	653	3CC8 -160B2	4305-5906 R1	1C-750	NO	IWD	VISUAL		
RR	654	3CC8 -87B2	4305-5907 R0	1C-804	NO	IWD	VISUAL		
RR	655	2CC8 -157A2	4305-5908 R1	1C-354	NO	CE-2	VISUAL		
RR	656	3CC8 -86A2	4305-5909 R2	1C-353	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	657	3CC8 -86A2	4305-5910 R1	1C-353	NO	IWD	VISUAL		
RR	659	3CC8 -86A2	4305-5912 R2	1C-353	NO	IWD	VISUAL		
RR	660	3CC8 -86A2	4305-5913 R2	1C-353	NO	IWD	VISUAL		
RR	661	3CC20 -3B	4305-5914 R0	1C-721	YES	IWD	VISUAL		
RR	662	3CC20 -3B	4305-5915 R0	1C-721	YES	IWD	VISUAL		
RR	663	3CC20 -3B	4305-5916 R0	1C-721	NO	IWD	VISUAL		
RR	664	3CC20 -3B	4305-5917 R0	1C-721	NO	IWD	VISUAL		
RR	665	3CC20 -3B	4305-5918 R2	1C-721	NO	IWD	VISUAL		
RR	666	3CC8 -160B2	4305-5919 R0	1C-750	NO	IWD	VISUAL		
RR	667	3CC8 -160B2	4305-5920 R2	1C-750	NO	IWD	VISUAL		
RR	668	3CC8 -160B2	4305-5921 R0	1C-750	NO	IWD	VISUAL		
RR	669	3CC8 -160B2	4305-5922 R1	1C-750	NO	IWD	VISUAL		
RR	670	3CC8 -160B1	4305-5923 R2	1C-756	NO	IWD	VISUAL		
RR	671	3CC8 -160B1	4305-5924 R1	1C-756	NO	IWD	VISUAL		
RR	673	3CC8 -86A2	4305-5926 R2	1C-353	YES	IWD	VISUAL		
RR	674	3CC8 -86A2	4305-5827 R1	1C-353	YES	IWD	VISUAL		
RR	675	3CC8 -86A2	4305-5928 R1	1C-353	NO	IWD	VISUAL		
RR	676	2CC8 -157A1	4305-5929 R1	1C-755	NO	IWD	VISUAL		
RR	677	3CC16 -202B	4305-5930 R0	1C-741	NO	IWD	VISUAL		
RR	678	3CC16 -202B	4305-5931 R1	1C-741	NO	IWD	VISUAL		
RR	679	3CC16 -202B	4305-5932 R0	1C-741	NO	IWD	VISUAL		
RR	680	3CC16 -202B	4305-5933 R2	1C-741	YES	IWD	VISUAL		
RR	681	3CC8 -86A2	4305-5934 R1	1C-353	NO	IWD	VISUAL		
RR	682	3CC8 -86A2	4305-5935 R0	1C-353	NO	IWD	VISUAL		
RR	683	3CC8 -86A2	4305-5936 R2	1C-353	NO	IWD	VISUAL		
RR	684	3CC8 -86A2	4305-5937 R2	1C-353	NO	IWD	VISUAL		
RR	685	3CC8 -86A2	4305-5938 R2	1C-353	NO	IWD	VISUAL		
RR	686	3CC8 -86A2	4305-5939 R3	1C-353	NO	IWD	VISUAL		
RR	688	3CC8 -86A1	4305-5940 R1	1C-755	NO	IWD	VISUAL		
RR	689	3CC8 -86A1	4305-5941 R0	1C-755	NO	IWD	VISUAL		
RR	690	3CC8 -86A1	4305-5942 R1	1C-755	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 13 of 30

Support		Line Number	Hanger Wg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	691	3CC20 -2B	4305-5943 R2	1C-722	NO	IWD	VISUAL		
RR	692	3CC20 -2B	4305-5944 R1	1C-722	NO	IWD	VISUAL		
RR	693	3CC20 -2B	4305-5945 R1	1C-722	NO	IWD	VISUAL		
RR	694	3CC20 -2B	4305-5946 R1	1C-722	NO	IWD	VISUAL		
RR	695	3CC20 -2B	4305-5947 R1	1C-722	YES	IWD	VISUAL		
RR	696	3CC20 -2B	4305-5948 R1	1C-722	NO	IWD	VISUAL		
RR	697	3CC20 -2B	4305-5949 R1	1C-722	NO	IWD	VISUAL		
RR	698	3CC20 -2B	4305-5950 R3	1C-722	NO	IWD	VISUAL		
RR	699	3CC20 -2B	4305-5951 R2	1C-722	YES	IWD	VISUAL		
RR	700	3CC20 -2B	4305-5952 R0	1C-722	NO	IWD	VISUAL		
RR	701	3CC16 -202B	4305-5953 R4	1C-741	NO	IWD	VISUAL		
RR	702	3CC16 -202B	4305-5954 R1	1C-741	NO	IWD	VISUAL		
RR	703	3CC16 -202B	4305-5955 R3	1C-765	NO	IWD	VISUAL		
RR	704	3CC16 -202B	4305-5956 R1	1C-765	NO	IWD	VISUAL		
RR	705	3CC16 -202B	4305-5957 R3	1C-765	YES	IWD	VISUAL		
RR	706	3CC16 -202B	4305-5958 R2	1C-765	NO	IWD	VISUAL		
RR	707	3CC16 -87B2	4305-5959 R2	1C-804	YES	IWD	VISUAL		
RR	708	3CC8 -87B2	4305-5960 R1	1C-804	NO	IWD	VISUAL		
RR	709	3CC8 -87B2	4305-5961 R1	1C-804	NO	IWD	VISUAL		
RR	710	3CC8 -87B2	4305-5962 R0	1C-804	NO	IWD	VISUAL		
RR	711	2CC8 -158B1	4305-5963 R1	1C-351	NO	CE-2	VISUAL		
RR	712	3CC20 -3B	4305-5964 R0	1C-720	NO	IWD	VISUAL		
RR	713	3CC20 -3B	4305-5965 R2	1C-720	YES	IWD	VISUAL		
RR	714	3CC20 -2B	4305-5967 R1	1C-717	YES	IWD	VISUAL		
RR	715	3CC20 -2B	4305-5968 R0	1C-717	NO	IWD	VISUAL		
RR	716	2CC8 -88A2	4305-5969 R2	1C-348	NO	CE-2	VISUAL		
RR	717	3CC8 -159A2	4305-5970 R2	1C-348	NO	IWD	VISUAL		
RR	718	3CC8 -159A2	4305-5971 R2	1C-348	NO	IWD	VISUAL		
RR	719	3CC8 -159A2	4305-5972 R2	1C-348	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	720	3CC8 -159A2	4305-5973 R1	1C-348	NO	IWD	VISUAL		
RR	721	3CC20 -4B	4305-5974 R2	1C-780	NO	IWD	VISUAL		
RR	722	3CC14 -19B	4305-5975 R2	1C-777	NO	IWD	VISUAL		
RR	725	3CC20 -3B	4305-5976 R1	1C-777	YES	IWD	VISUAL		
RR	726	3CC20 -3B	4305-5977 R2	1C-777	NO	IWD	VISUAL		
RR	727	3CC20 -3B	4305-5978 R1	1C-777	NO	IWD	VISUAL		
RR	728	3CC20 -3B	4305-5979 R1	1C-777	YES	IWD	VISUAL		
RR	729	3CC20 -3B	4305-5980 R0	1C-777	YES	IWD	VISUAL		
RR	730	3CC20 -3B	4305-5981 R1	1C-730	NO	IWD	VISUAL		
RR	731	3CC20 -3A	4305-5982 R1	1C-730	NO	IWD	VISUAL		
RR	733	3CC20 -3A	4305-5984 R3	1C-730	NO	IWD	VISUAL		
RR	734	3CC20 -3A	4305-5985 R1	1C-730	NO	IWD	VISUAL		
RR	735	3CC20 -3A	4305-5986 R2	1C-730	YES	IWD	VISUAL		
RR	739	3CC18 -11A/B	4305-5988 R2	1C-806	YES	IWD	VISUAL		
RR	740	3CC18 -11A/B	4305-5989 R2	1C-740	YES	IWD	VISUAL		
RR	754	3CC8 -119A/B	4305-6001 R1	1C-751	YES	IWD	VISUAL		
RR	755	3CC8 -119A/B	4305-6002 R2	1C-751	NO	IWD	VISUAL		
RR	756	3CC8 -119A/B	4305-6003 R1	1C-751	NO	IWD	VISUAL		
RR	757	3CC16 -202B	4305-6004 R2	1C-765	NO	IWD	VISUAL		
RR	758	3CC16 -202B	4305-6005 R3	1C-765	YES	IWD	VISUAL		
RR	759	3CC16 -202B	4305-6007 R2	1C-765	NO	IWD	VISUAL		
RR	760	3CC16 -202B	4305-6008 R1	1C-765	YES	IWD	VISUAL		
RR	781	3CC20 -2B	4305-6029 R1	1C-722	NO	IWD	VISUAL		
RR	782	3CC20 -2A	4305-6030 R0	1C-726	NO	IWD	VISUAL		
RR	783	3CC20 -2A	4305-6031 R0	1C-726	NO	IWD	VISUAL		
RR	784	3CC20 -2A	4305-6032 R1	1C-726	NO	IWD	VISUAL		
RR	785	3CC20 -2A	4305-6033 R1	1C-726	NO	IWD	VISUAL		
RR	786	3CC20 -2A	4305-6035 R1	1C-726	NO	IWD	VISUAL		
RR	787	3CC20 -2A	4305-6036 R1	1C-726	YES	IWD	VISUAL		
RR	788	3CC20 -2A	4305-6037 R3	1C-726	NO	IWD	VISUAL		
RR	738	3CC18 -11A/B	4305-5987 R2	1C-806	NO	IWD	VISUAL		

Date: _____
Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SH	789	3CC20 -2A	4305-6038 R1	1C-726	NO	IWD	VISUAL		
RR	790	3CC8 -87B1	4305-6039 R3	1C-351	NO	IWD	VISUAL		
RR	791	3CC8 -87B1	4305-6040 R0	1C-351	NO	IWD	VISUAL		
RR	792	3CC8 -87B2	4305-6041 R0	1C-804	NO	IWD	VISUAL		
RR	793	3CC8 -87B2	4305-6042 R2	1C-804	NO	IWD	VISUAL		
RR	794	3CC8 -87B2	4305-6043 R0	1C-804	NO	IWD	VISUAL		
RR	795	3CC8 -87B2	4305-6044 R1	1C-804	NO	IWD	VISUAL		
RR	796	3CC8 -87B2	4305-6045 R2	1C-804	NO	IWD	VISUAL		
RR	797	3CC8 -87B2	4305-6046 R0	1C-804	NO	IWD	VISUAL		
RR	798	3CC8 -87B2	4305-6047 R2	1C-804	NO	IWD	VISUAL		
RR	799	3CC8 -87B2	4305-6048 R3	1C-804	NO	IWD	VISUAL		
RR	800	3CC8 -87B2	4305-6049 R0	1C-804	NO	IWD	VISUAL		
RR	802	3CC10 -10A	4305-6050 R0	1C-744	NO	IWD	VISUAL		
RR	803	3CC20 -4A	4305-6051 R2	1C-796	YES	IWD	VISUAL		
RR	805	3CC20 -4A	4305-6052 R1	1C-796	NO	IWD	VISUAL		
RR	806	3CC16 -148A/B	4305-6053 R1	1C-806	YES	IWD	VISUAL		
RR	807	3CC20 -4A	4305-6054 R2	1C-795	YES	IWD	VISUAL		
RR	808	3CC20 -4A	4305-6055 R2	1C-795	NO	IWD	VISUAL		
RR	809	3CC20 -4A	4305-6056 R0	1C-795	NO	IWD	VISUAL		
RR	810	3CC20 -4A	4305-6057 R0	1C-795	NO	IWD	VISUAL		
RR	811	3CC14 -19A	4305-6058 R0	1C-754	NO	IWD	VISUAL		
RR	812	3CC14 -19A	4306-6059 R1	1C-754	NO	IWD	VISUAL		
RR	813	3CC14 -19A	4305-6060 R2	1C-754	YES	IWD	VISUAL		
RR	814	3CC20 -3A	4305-6061 R1	1C-754	NO	IWD	VISUAL		
RR	815	3CC20 -3A	4305-6062 R2	1C-730	NO	IWD	VISUAL		
RR	816	3CC20 -4B	4305-6063 R2	1C-780	NO	IWD	VISUAL		
RR	817	3CC20 -4B	4305-6064 R2	1C-780	NO	IWD	VISUAL		
RR	818	3CC20 -4B	4305-6065 R1	1C-780	Yes	IWD	VISUAL		
RR	819	3CC20 -4B	4305-6066 R2	1C-780	NO	IWD	VISUAL		
RR	820	3CC20 -4B	4305-6067 R1	1C-780	YES	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 16 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	821	3CC16 -202B	4305-6068 R2	1C-765	NO	IWD	VISUAL		
RR	822	3CC16 -202B	4305-6069 R0	1C-765	YES	IWD	VISUAL		
RR	823	3CC16 -202B	4305-6070 R1	1C-765	NO	IWD	VISUAL		
RR	825	3CC6 -6B	4305-6072 R0	1C-776	NO	IWD	VISUAL		
RR	826	3CC6 -6B	4305-6073 R0	1C-776	NO	IWD	VISUAL		
RR	827	3CC6 -6B	4305-6074 R1	1C-776	NO	IWD	VISUAL		
RR	828	3CC6 -6B	4305-6075 R1	1C-776	NO	IWD	VISUAL		
RR	829	3CC6 -6B	4305-6076 R1	1C-776	NO	IWD	VISUAL		
RR	830	3CC6 -6B	4305-6077 R2	1C-776	NO	IWD	VISUAL		
RR	831	3CC20 -107B	4305-6078 R2	1C-813	NO	IWD	VISUAL		
SH	832	3CC20 -109B	4305-6079 R2	1C-813	YES	IWD	VISUAL		
RR	833	3CC20 -109B	4305-6080 R3	1C-813	YES	IWD	VISUAL		
RR	835	3CC20 -49A/B	4305-6082 R1	1C-813	NO	IWD	VISUAL		
RR	836	3CC20 -109A	4305-6083 R1	1C-811	NO	IWD	VISUAL		
SH	837	3CC20 -109A	4305-6084 R1	1C-811	YES	IWD	VISUAL		
RR	838	3CC20 -108A/B	4305-6085 R1	1C-811	YES	IWD	VISUAL		
SH	840	3CC20 -109A	4305-6087 R1	1C-811	YES	IWD	VISUAL		
RR	841	3CC8 -87B2	4305-6088 R0	1C-804	NO	IWD	VISUAL		
RR	842	3CC8 -87B2	4305-6089 R2	1C-804	YES	IWD	VISUAL		
RR	843	3CC8 -87B2	4305-6090 R0	1C-804	NO	IWD	VISUAL		
RR	844	3CC8 -87B2	4305-6091 R4	1C-804	NO	IWD	VISUAL		
RR	845	3CC8 -87B2	4305-6092 R0	1C-346	NO	IWD	VISUAL		
SH	846	3CC8 -87B2	4305-6093 R1	1C-346	NO	IWD	VISUAL		
RR	847	3CC10 -154A/B	4305-6094 R1	1C-748	NO	IWD	VISUAL		
RR	848	3CC10 -154A/B	4305-6095 R0	1C-748	NO	IWD	VISUAL		
RR	849	3CC10 -154A/B	4305-6096 R0	1C-748	NO	IWD	VISUAL		
RR	850	3CC10 -154A/B	4305-6097 R1	1C-748	NO	IWD	VISUAL		
RR	851	3CC10 -154A/B	4305-6098 R1	1C-748	NO	IWD	VISUAL		
RR	853	3CC10 -154A/B	4305-6099 R0	1C-748	NO	IWD	VISUAL		
RR	854	3CC10 -154A/B	4305-6100 R0	1C-748	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 17 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	855	3CC10	-154A/B	4305-6101 R1	1C-748	NO	IWD	VISUAL	
RR	857	3CC10	-68 A/B	4305-6103 R4	1C-749	NO	CE-2	VISUAL	
RR	858	3CC10	-68A/B	4305-6104 R1	1C-749	NO	IWD	VISUAL	
RR	859	3CC10	-68A/B	4305-6105 R1	1C-749	NO	IWD	VISUAL	
RR	860	3CC18	-11A/B	4305-6106 R2	1C-740	NO	IWD	VISUAL	
RR	881	3CC8	-159A2	4305-6107 R1	1C-348	NO	IWD	VISUAL	
RR	882	3CC8	-159A2	4305-6108 R2	1C-348	YES	IWD	VISUAL	
RR	883	3CC10	-89A	4305-6109 R1	1C-802	NO	IWD	VISUAL	
RR	884	3CC10	-89A	4305-6110 R2	1C-802	NO	IWD	VISUAL	
RR	885	3CC10	-89A	4305-6111 R2	1C-802	NO	IWD	VISUAL	
RR	886	3CC8	-90A	4305-6112 R2	1C-802	YES	IWD	VISUAL	
RR	887	3CC10	-89A	4305-6113 R1	1C-802	NO	IWD	VISUAL	
RR	888	3CC8	-159A1	4305-6114 R2	1C-757	NO	IWD	VISUAL	
RR	889	3CC8	-159A1	4305-6115 R1	1C-757	NO	IWD	VISUAL	
RR	890	3CC8	-159A1	4305-6116 R1	1C-757	NO	IWD	VISUAL	
RR	891	3CC8	-159A1	4305-6117 R2	1C-757	NO	IWD	VISUAL	
RR	892	3CC8	-159A1	4305-6118 R1	1C-757	NO	IWD	VISUAL	
RR	893	3CC8	-159A1	4305-6119 R2	1C-757	NO	IWD	VISUAL	
RR	894	3CC14	-113A/B	4305-6120 R0	1C-740	NO	IWD	VISUAL	
RR	895	3CC14	-113A/B	4305-6121 R0	1C-740	NO	IWD	VISUAL	
RR	896	3CC14	-113A/B	4305-6122 R0	1C-740	NO	IWD	VISUAL	
RR	897	3CC14	-113A/B	4305-6123 R0	1C-740	YES	IWD	VISUAL	
RR	898	3CC20	-2A	4305-6124 R2	1C-809	NO	IWD	VISUAL	
RR	899	3CC20	-2A	4305-6125 R1	1C-809	YES	IWD	VISUAL	
RR	900	3CC20	-2A	4305-6126 R1	1C-809	YES	IWD	VISUAL	
RR	901	3CC20	-107A	4305-6127 F2	1C-811	NO	IWD	VISUAL	
RR	903	3CC20	-107A	4305-6129 R2	1C-811	NO	IWD	VISUAL	
RR	904	3CC16	-161A	4305-6130 R1	1C-812	YES	IWD	VISUAL	
RR	905	3CC20	-107A	4305-6131 R1	1C-812	NO	IWD	VISUAL	

Date: _____

Revision: _____

Support		Line		Hanger		ISO	Pipe	Examination	Examination	Procedure	Remarks
Type	Number	Number		Dwg	Number						
RR	906	3CC20	-107A/B	4305-6132	R1	1C-812	NO	IWD	VISUAL		
RR	907	3CC18	-156A/B	4305-6133	R1	1C-812	NO	IWD	VISUAL		
RR	908	3CC20	-107A/B	4305-6134	R2	1C-812	YES	IWD	VISUAL		
RR	909	3CC16	-161B	4305-6135	R1	1C-813	YES	IWD	VISUAL		
RR	913	3CC8	-139A/B	4305-6139	R1	1C-758	NO	IWD	VISUAL		
RR	914	3CC8	-139A/B	4305-6140	R1	1C-758	NO	IWD	VISUAL		
RR	915	3CC8	-139A/B	4305-6141	R1	1C-758	NO	IWD	VISUAL		
RR	916	3CC8	-139A/B	4305-6142	R1	1C-758	NO	IWD	VISUAL		
RR	917	3CC8	-139A/B	4305-6143	R2	1C-758	NO	IWD	VISUAL		
RR	918	3CC18	-156A/B	4305-6144	R3	1C-739	NO	IWD	VISUAL		
RR	919	3CC8	-139A/B	4305-6145	R1	1C-758	YES	IWD	VISUAL		
RR	920	3CC8	-139A/B	4305-6146	R1	1C-758	NO	IWD	VISUAL		
RR	921	3CC14	-113A/B	4305-6147	R2	1C-740	NO	IWD	VISUAL		
RR	922	3CC6	-253A	4305-6148	R3	1C-766	NO	IWD	VISUAL		
RR	923	3CC6	-253A	4305-6149	R1	1C-766	NO	IWD	VISUAL		
RR	924	3CC6	-253A	4305-6150	R1	1C-766	NO	IWD	VISUAL		
RR	925	3CC6	-253A	4305-6151	R0	1C-766	NO	IWD	VISUAL		
RR	926	3CC6	-253A	4305-6152	R0	1C-766	NO	IWD	VISUAL		
RR	927	3CC6	-253A	4305-6153	R0	1C-766	NO	IWD	VISUAL		
RR	928	3CC6	-253A	4305-6154	R3	1C-766	NO	IWD	VISUAL		
RR	929	3CC6	-6A	4305-6155	R1	1C-767	NO	IWD	VISUAL		
RR	930	3CC6	-6A	4305-6156	R1	1C-767	NO	IWD	VISUAL		
RR	931	3CC6	-6A	4305-6157	R2	1C-767	NO	IWD	VISUAL		
RR	932	3CC6	-6A	4305-6158	R0	1C-767	YES	IWD	VISUAL		
SH	933	3CC8	-139A/B	4305-6159	R2	1C-758	YES	IWD	VISUAL		
RR	935	3CC8	-139A/B	4305-6161	R1	1C-758	NO	IWD	VISUAL		
RR	936	3CC8	-139A/B	4305-6162	R1	1C-758	NO	IWD	VISUAL		
RR	938	3CC6	-142A/B	4305-6164	R2	1C-758	YES	IWD	VISUAL		
RR	939	3CC6	-142A/B	4305-6165	R1	1C-758	NO	IWD	VISUAL		
RR	940	3CC8	-139A/B	4305-6166	R1	1C-758	NO	IWD	VISUAL		
RR	942	3CC20	-2A/B	4305-6168	R1	1C-808	NO	IWD	VISUAL		
RR	944	3CC20	-48A/B	4305-6170	R1	1C-808	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 19 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	945	3CC2C -2B	4305-6171 R0	1C-807	NO	IWD	VISUAL		
RR	946	3CC20 -2B	4305-6172 R1	1C-807	YES	IWD	VISUAL		
RR	947	3CC20 -2B	4305-6173 R0	1C-807	YES	IWD	VISUAL		
RR	948	3CC20 -2B	4305-6174 R1	1C-807	NO	IWD	VISUAL		
RR	949	3CC20 -2B	4305-6175 R1	1C-807	NO	IWD	VISUAL		
RR	950	3CC20 -1B	4305-6176 R3	1C-807	YES	IWD	VISUAL		
RR	951	3CC20 -1A/B	4305-6177 R2	1C-808	YES	IWD	VISUAL		
RR	952	3CC20 -1A	4305-6179 R1	1C-809	YES	IWD	VISUAL		
A	385	3CC20 -3B	4305-6231 R3	1C-719	YES	IWD	VISUAL		
RR	467	3CC6 -71A	4305-6233 R3	1C-254	YES	IWD	VISUAL		
RR	468	3CC6 -71A	4305-6234 R2	1C-254	NO	IWD	VISUAL		
RR	852	3CC10 -154A/B	4305-6236 R2	1C-748	NO	IWD	VISUAL		
RR	201	3CC14 -133A/B	4305-6379 R1	1C-737	NO	IWD	VISUAL		
RR	202	3CC14 -133A/B	4305-6380 R1	1C-738	NO	IWD	VISUAL		
RR	203	3CC14 -133A/B	4305-6381 R1	1C-738	NO	IWD	VISUAL		
RR	204	3CC14 -133A/B	4305-6382 R1	1C-738	NO	IWD	VISUAL		
RR	205	3CC14 -133A/B	4305-6383 R0	1C-738	NO	IWD	VISUAL		
RR	206	3CC14 -133A/B	4305-6384 R0	1C-738	NO	IWD	VISUAL		
RR	207	3CC14 -133A/B	4305-6385 R0	1C-738	NO	IWD	VISUAL		
RR	208	3CC14 -133A/B	4305-6386 R2	1C-738	YES	IWD	VISUAL		
RR	209	3CC14 -133A/B	4305-6387 R2	1C-738	NO	IWD	VISUAL		
RR	210	3CC14 -133A/B	4305-6388 R0	1C-738	NO	IWD	VISUAL		
RR	211	3CC14 -133A/B	4305-6389 R0	1C-738	NO	IWD	VISUAL		
RR	212	3CC14 -133A/B	4305-6390 R1	1C-738	NO	IWD	VISUAL		
RR	213	3CC14 -133A/B	4305-6391 R1	1C-738	NO	IWD	VISUAL		
RR	214	3CC14 -133A/B	4305-6392 R1	1C-737	NO	IWD	VISUAL		
RR	861	3CC14 -133A/B	4305-6393 R0	1C-737	NO	IWD	VISUAL		
RR	862	3CC18 -242A/B	4305-6394 R1	1C-737	YES	IWD	VISUAL		
RR	864	3CC14 -133A/B	4305-6396 R1	1C-737	NO	IWD	VISUAL		
SH	865	3CC18 -242A/B	4305-6397 R1	1C-737	YES	IWD	VISUAL		
SH	866	3CC18 -243A/B	4305-6398 R2	1C-731	YES	IWD	VISUAL		

Date: _____
Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 20 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	867	3CC18	-243A/B	4305-6399 R2	1C-731	NO	IWD	VISUAL	
RR	868	3CC14	-113A/B	4305-6400 R1	1C-731	NO	IWD	VISUAL	
RR	869	3CC14	-113A/B	4305-6401 R0	1C-731	NO	IWD	VISUAL	
RR	870	3CC14	-113A/B	4305-6402 R0	1C-731	NO	IWD	VISUAL	
RR	871	3CC14	-113A/B	4305-6403 R1	1C-731	NO	IWD	VISUAL	
RR	872	3CC14	-113A/B	4305-6404 R1	1C-731	NO	IWD	VISUAL	
RR	873	3CC14	-113A/B	4305-6405 R1	1C-731	NO	IWD	VISUAL	
RR	874	3CC14	-113A/B	4305-6406 R1	1C-731	NO	IWD	VISUAL	
RR	875	3CC14	-113A/B	4305-6407 R0	1C-731	NO	IWD	VISUAL	
RR	876	3CC14	-113A/B	4305-6408 R1	1C-731	NO	IWD	VISUAL	
RR	877	3CC14	-113A/B	4305-6409 R0	1C-731	NO	IWD	VISUAL	
RR	878	3CC14	-113A/B	4305-6410 R1	1C-731	NO	IWD	VISUAL	
RR	879	3CC14	-113A/B	4305-6411 R1	1C-731	NO	IWD	VISUAL	
RR	723	3CC20	-3B	4305-6415 R2	1C-777	YES	IWD	VISUAL	
RR	724	3CC20	-3B	4305-6, 6 R2	1C-777	YES	IWD	VISUAL	
SR	1067	3CC8	-86A2	4305-8301 R1	1C-353	YES	IWD	VISUAL	
RR	1068	3CC6	-71A	4305-8302 R0	1C-254	NO	IWD	VISUAL	
SH	1069	3CC10	-68A/B	4305-8303 R1	1C-749	NO	IWD	VISUAL	
RR	1071	3CC6	-42A	4305-8305 R1	1C-977	NO	IWD	VISUAL	
RR	1072	3CC6	-42A	4305-8306 R1	1C-977	NO	IWD	VISUAL	
RR	1074	3CC6	-106A	4305-8308 R1	1C-979	NO	IWD	VISUAL	
RR	1079	3CC6	-106A	4305-8313 R1	1C-979	YES	IWD	VISUAL	
RR	1080	3CC6	-106A	4305-8314 R1	1C-979	NO	IWD	VISUAL	
RR	1081	3CC6	-106B	4305-8315 R1	1C-978	NO	IWD	VISUAL	
RR	1082	3CC6	-106B	4305-8316 R1	1C-978	NO	IWD	VISUAL	
RR	1083	3CC6	-106B	4305-8317 R1	1C-978	NO	IWD	VISUAL	
RR	1084	3CC6	-106B	4305-8318 R1	1C-978	NO	IWD	VISUAL	
RR	1085	3CC6	-106B	4305-8319 R1	1C-978	NO	IWD	VISUAL	
RR	1086	3CC6	-106B	4305-8320 R1	1C-978	NO	IWD	VISUAL	
RR	1087	3CC6	-106B	4305-8321 R1	1C-978	NO	IWD	VISUAL	
RR	1088	3CC6	-106B	4305-8322 R1	1C-978	YES	IWD	VISUAL	

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 21 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1089	3CC6 -106B	4305-8323 R1	1C-976	YES	IWD	VISUAL		
RR	1090	3CC6 -106B	4305-8324 R3	1C-976	NO	IWD	VISUAL		
RR	1091	3CC6 -106B	4305-8325 R1	1C-976	NO	IWD	VISUAL		
RR	1096	3CC10 -83A	4305-8330 R1	1C-742	NO	IWD	VISUAL		
RR	1098	3CC20 -2A	4305-8332 R0	1C-725	NO	IWD	VISUAL		
RR	1101	3CC6 -106A	4305-8770 R1	1C-979	NO	IWD	VISUAL		
RR	1102	3CC6 -106A	4305-8771 R1	1C-979	NO	IWD	VISUAL		
RR	1103	3CC6 -106A	4305-8772 R1	1C-979	YES	IWD	VISUAL		
RR	1104	3CC6 -106A	4305-8773 R1	1C-979	YES	IWD	VISUAL		
RR	1105	3CC6 -106A	4305-8774 R1	1C-979	NO	IWD	VISUAL		
RR	1106	3CC6 -106A	4305-8775 R1	1C-979	NO	IWD	VISUAL		
RR	1107	3CC5 -106A	4305-8776 R1	1C-979	NO	IWD	VISUAL		
RR	1108	3CC6 -106A	4305-8777 R1	1C-979	NO	IWD	VISUAL		
RR	1109	3CC6 -106A	4305-8778 R1	1C-979	YES	IWD	VISUAL		
RR	1110	3CC6 -106A	4305-8779 R1	1C-979	NO	IWD	VISUAL		
RR	1111	3CC6 -106A	4305-8780 R1	1C-979	NO	IWD	VISUAL		
RR	1112	3CC16 -203A	4305-8781 R0	1C-747	NO	IWD	VISUAL		
RR	1113	3CC20 -109A	4305-8782 R1	1C-811	YES	IWD	VISUAL		
RR	1115	3CC8 -139A/B	4305-8784 R0	1C-758	NO	IWD	VISUAL		
RR	1116	3CC6 -142A/B	4305-8785 R1	1C-758	NO	IWD	VISUAL		
RR	1117	3CC8 -139A/B	4305-8786 R0	1C-758	NO	IWD	VISUAL		
RR	1119	3CC10 -289 A	4305-8788 R0	1C-	NO	IWD	VISUAL		
RR	1120	3CC10 -290B	4305-8789 R0	1C-	NO	IWD	VISUAL		
RR	1121	3CC10 -289A	4305-8790 R0	1C-	NO	IWD	VISUAL		
RR	1122	3CC10 -290B	4305-8791 R0	1C-	NO	IWD	VISUAL		
RR	1159	3CC20 -2A/B	4305-8825 R0	1C-808	NO	IWD	VISUAL		
RR	1160	3CC20 -1A/B	4305-8826 R0	1C-808	YES	IWD	VISUAL		
RR	1161	3CC8 -86A2	4305-8827 R0	1C-353	YES	IWD	VISUAL		
RR	1162	3CC8 -86A2	4305 8828 R	1C-353	NO	IWD	VISUAL		
RR	1163	3CC8 -86A1	4305-8829 R0	1C-755	NO	IWD	VISUAL		
RR	1164	3CC8 -86A1	4305-8830 R0	1C-755	NO	IWD	VISUAL		

Date: _____
Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 22 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1165	2CC8 -157A2	4305-8831 R0	1C-354	NO	CE-2	VISUAL		
RR	1166	3CC20 -49A/B	4305-8832 R0	1C-813	NO	IWD	VISUAL		
RR	1167	3CC -109B	4305-8833 R1	1C-813	YES	IWD	VISUAL		
RR	1168	3CC20 -109A/B	4305-8834 R0	1C-811	NO	IWD	VISUAL		
RR	1169	3CC20 -109A	4305-8835 R1	1C-811	YES	IWD	VISUAL		
RR	1170	3CC20 -108A/B	4305-8836 R0	1C-811	NO	IWD	VISUAL		
RR	1171	3CC20 -107A	4305-8837 R0	1C-255	NO	IWD	VISUAL		
RR	1172	3CC10 -154A/B	4305-8838 R0	1C-748	YES	IWD	VISUAL		
SH	1176	3CC10 -290B	4305-8842 R0	1C-791	NO	IWD	VISUAL		
RR	1179	3CC10 -232B	4305-8845 R0	1C-973	YES	IWD	VISUAL		
RR	1180	3CC10 -232B	4305-8846 R0	1C-973	NO	IWD	VISUAL		
RR	1181	3CC10 -229B	4305-8847 R1	1C-973	YES	IWD	VISUAL		
RR	1182	3CC16 -203B	4305-8848 R0	1C-973	NO	IWD	VISUAL		
RR	1183	3CC10 -228B	4305-8849 R2	1C-972	YES	IWD	VISUAL		
RR	1184	3CC10 -233B	4305-8850 R1	1C-972	YES	IWD	VISUAL		
RR	1185	3CC10 -231A	4305-8851 R1	1C-975	NO	IWD	VISUAL		
RR	1186	3CC10 -226A	4305-8852 R1	1C-975	NO	IWD	VISUAL		
RR	1187	3CC10 -227A	4305-8853 R1	1C-974	NO	IWD	VISUAL		
RR	1188	3CC10 -230A	4305-8854 R1	1C-974	NO	IWD	VISUAL		
RR	1189	3CC10 -231A	5305-8855 R0	1C-975	NO	IWD	VISUAL		
RR	1190	3CC10 -231A	4305-8856 R1	1C-975	NO	IWD	VISUAL		
A	1201	3CC16 -203A	4305-8867 R0	1C-747	YES	IWD	VISUAL		
RR	1709	2CC10 -151A/B	4305-9795 R0	1C-749	NO	CE-2	VISUAL		
RR	1524	3CC6 -106B	4305-9626 R0	1C-978	NO	IWD	VISUAL		
RR	1525	3CC6 -106B	4305-9627 R0	1C-978	NO	IWD	VISUAL		

Date: _____
Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 23 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1281	3CC10 -78A/B	8469-70 R3	1C-1	NO	IWD	VISUAL		
RR	1282	3CC10 -78A/B	8469-71 R2	1C-1	NO	IWD	VISUAL		
RR	1283	3CC10 -78A/B	8469-72 R4	1C-1	NO	IWD	VISUAL		
RR	1284	3CC10 -78A/B	8469-73 R3	1C-1	NO	IWD	VISUAL		
RR	1285	2CC10 -153A/B	8469-74 R3	1C-819	NO	CE-2	VISUAL		
RR	1286	2CC10 -153A/B	8469-75 R3	1C-819	NO	CE-2	VISUAL		
RR	1287	3CC10 -78A/B	8469-76 R3	1C-1	NO	IWD	VISUAL		
SR	1288	3CC10 -78A/B	8469-77 R2	1C-1	NO	IWD	VISUAL		
RR	1289	3CC10 -78A/B	8469-78 R2	1C-1	NO	IWD	VISUAL		
RR	1290	3CC10 -78A/B	8469-79 R3	1C-2	NO	IWD	VISUAL		
A	1299	3CC10 -78A/B	8469-88 R3	1C-2	YES	IWD	VISUAL		
RR	1300	3CC10 -78A/B	8469-90 R3	1C-2	NO	IWD	VISUAL		
RR	1301	3CC10 -78A/B	8469-91 R1	1C-2	NO	IWD	VISUAL		
RR	1302	3CC10 -78A/B	8469-92 R1	1C-2	NO	IWD	VISUAL		
RR	1303	3CC10 -78A/B	8469-93 R4	1C-2	NO	IWD	VISUAL		
RR	1304	3CC10 -78A/B	8469-94 R1	1C-2	NO	IWD	VISUAL		
RR	1305	3CC10 -78A/B	8469-95 R2	1C-2	NO	IWD	VISUAL		
A	1306	3CC10 -78A/B	8469-96 R5	1C-3	YES	IWD	VISUAL		
RR	1345	2CC8 -157A1	8469-97 R1	1C-818	NO	CE-2	VISUAL		
RR	1346	2CC8 -157A1	8469-98 R1	1C-818	NO	CE-2	VISUAL		
RR	1347	2CC8 -157A1	8469-99 R0	1C-818	NO	CE-2	VISUAL		
RR	1348	2CC8 -157A1	8469-100 R1	1C-818	NO	CE-2	VISUAL		
RR	1349	2CC8 -157A1	8469-101 R0	1C-818	NO	CE-2	VISUAL		
RR	1350	2CC8 -157A1	8469-102 R0	1C-818	NO	CE-2	VISUAL		
RR	1351	2CC8 -157A1	8469-103 R0	1C-818	NO	CE-2	VISUAL		
RR	1352	2CC8 -157A1	8469-104 R1	1C-818	YES	CE-1	SURFACE		
RR	1353	2CC8 -157A1	8469-105 R2	1C-818	NO	CE-2	VISUAL		
RR	1354	2CC8 -157A1	8469-106 R2	1C-818	NO	CE-2	VISUAL		
RR	1355	2CC8 -157A1	8469-107 R0	1C-818	NO	CE-2	VISUAL		
RR	1356	2CC8 -157A1	8469-108 R1	1C-1170	NO	CE-2	VISUAL		
RR	1276	3CC10 -45A1	8469-65 R2	1C-1	NO	IWD	VISUAL		
RR	1277	3CC10 -45A1	9469-66 R3	1C-1	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 24 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1357	2CC8 -157A1	8469-109 R1	1C-1170	NO	CE-2	VISUAL		
RR	1358	2CC8 -157A1	8469-110 R1	1C-1170	YES	CE-1	SURFACE		
RR	1359	2CC8 -157A1	8469-112 R2	1C-1170	NO	CE-2	VISUAL		
RR	1360	2CC8 -157A1	8469-113 R1	1C-1170	NO	CE-2	VISUAL		
RR	1361	2CC8 -157A1	8469-114 R1	1C-1170	NO	CE-2	VISUAL		
RR	1362	2CC8 -157A1	8469-115 R1	1C-1170	NO	CE-2	VISUAL		
RR	1317	3CC6 -39A/B	8469-227 R2	1C-3	NO	CE-2	VISUAL		
RR	1318	3CC6 -39A/B	8469-228 R1	1C-3	NO	CE-2	VISUAL		
RR	1319	3CC10 -78A/B	8469-229 R2	1C-3	NO	CE-2	VISUAL		
RR	1320	3CC10 -78A/B	8469-230 R1	1C-3	NO	CE-2	VISUAL		
RR	1321	2CC8 -157A2	8469-231 R2	1C-354	NO	CE-2	VISUAL		
RR	1322	2CC8 -157A2	8469-232 R2	1C-354	NO	CE-2	VISUAL		
RR	1323	2CC8 -157A2	8469-233 R3	1C-354	NO	CE-2	VISUAL		
RR	1324	2CC8 -157A2	8469-234 R1	1C-354	NO	CE-2	VISUAL		
RR	1325	2CC8 -157A2	8469-235 R3	1C-354	YES	CE-1	SURFACE		
RR	1326	2CC8 -157A2	8469-236 R2	1C-354	NO	CE-2	VISUAL		
RR	1327	2CC8 -157A2	8469-237 R1	1C-354	NO	CE-2	VISUAL		
RR	1328	2CC8 -157A2	8469-238 R1	1C-1154	YES	CE-1	SURFACE		
RR	1329	2CC8 -157A2	8469-240 R1	1C-1154	NO	CE-2	VISUAL		
RR	1330	2CC8 -157A2	8469-241 R1	1C-1154	NO	CE-2	VISUAL		
RR	1331	2CC8 -157A2	8469-242 R1	1C-1154	NO	CE-2	VISUAL		
RR	1332	2CC8 -157A2	8469-243 R1	1C-1154	NO	CE-2	VISUAL		
RR	1333	2CC8 -88A2	8469-244 R1	1C-347	YES	CE-1	SURFACE		
RR	1334	2CC8 -88A2	8469-245 R1	1C-347	NO	CE-2	VISUAL		
RR	1335	2CC8 -88A2	8469-246 R1	1C-347	NO	CE-2	VISUAL		
RR	1336	2CC8 -88A2	8469-247 R1	1C-347	NO	CE-2	VISUAL		
RR	1337	2CC8 -88A2	8469-248 R1	1C-347	NO	CE-2	VISUAL		
RR	1338	2CC8 -88A2	8469-249 R3	1C-347	YES	CE-1	SURFACE		
RR	1339	2CC8 -88A2	8469-250 R1	1C-347	NO	CE-2	VISUAL		
RR	1340	2CC8 -88A2	8469-251 R1	1C-1153	NO	CE-2	VISUAL		
RR	1307	3CC10 -63B2	8469-217 R2	1C-2	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1341	2CC8 -88A2	8469-252 R1	1C-1153	NO	CE-2	VISUAL		
RR	1342	2CC8 -88A2	8469-253 R1	1C-1153	NO	CE-2	VISUAL		
RR	1343	2CC8 -88A2	8469-254 R1	1C-1153	NO	CE-2	VISUAL		
RR	1344	2CC8 -88A2	8469-255 R2	1C-1153	NO	CE-2	VISUAL		
RR	1363	2CC8 -91B1	8469-256 R3	1C-308	NO	CE-2	VISUAL		
RR	1364	2CC8 -91B1	8469-257 R1	1C-308	NO	CE-2	VISUAL		
RR	1365	2CC8 -91B1	8469-258 R2	1C-308	YES	CE-1	SURFACE		
RR	1366	2CC8 -91B1	8469-259 R1	1C-308	NO	CE-2	VISUAL		
RR	1367	2CC8 -91B1	8469-260 R1	1C-308	NO	CE-2	VISUAL		
RR	1368	2CC8 -91B1	8469-261 R1	1C-308	NO	CE-2	VISUAL		
RR	1369	2CC8 -91B1	8469-262 R2	1C-308	YES	CE-1	SURFACE		
RR	1370	2CC8 -91B1	8469-263 R1	1C-1150	NO	CE-2	VISUAL		
RR	1371	2CC8 -91B1	8469-264 R1	1C-1150	NO	CE-2	VISUAL		
RR	1372	2CC8 -91B1	8469-265 R1	1C-1150	NO	CE-2	VISUAL		
RR	1373	2CC8 -91B1	8469-266 R1	1C-1150	NO	CE-2	VISUAL		
RR	1374	2CC8 -91B1	8469-267 R1	1C-1150	NO	CE-2	VISUAL		
RR	1375	2CC8 -158B1	8469-268 R0	1C-351	NO	CE-2	VISUAL		
RR	1376	2CC8 -158B1	8469-269 R0	1C-351	NO	CE-2	VISUAL		
RR	1377	2CC8 -158B1	8469-270 R1	1C-351	YES	CE-1	SURFACE		
RR	1379	2CC8 -158B1	8469-271 R0	1C-351	NO	CE-2	VISUAL		
RR	1380	2CC8 -158B1	8469-272 R0	1C-351	NO	CE-2	VISUAL		
RR	1381	2CC8 -158B1	8469-273 R0	1C-351	NO	CE-2	VISUAL		
RR	1383	2CC8 -158B1	8469-274 R2	1C-1149	NO	CE-2	VISUAL		
RR	1384	2CC8 -158B1	8469-275 R1	1C-1149	NO	CE-2	VISUAL		
RR	1385	2CC8 -158B1	8469-276 R2	1C-1149	NO	CE-2	VISUAL		
RR	1386	2CC8 -158B1	8469-277 R1	1C-1149	NO	CE-2	VISUAL		
RR	1387	2CC8 -158B1	8469-278 R2	1C-1149	NO	CE-2	VISUAL		
A	1388	3CC10 -13A/B	8469-279 R4	1C-8	YES	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 26 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1389	3CC10 -13A/B	8469-280 R2	1C-8	NO	IWD	VISUAL		
RR	1390	3CC10 -13A/B	8469-281 R1	1C-8	NO	IWD	VISUAL		
RR	1391	3CC10 -13A/B	8469-282 R3	1C-8	YES	IWD	VISUAL		
RR	1392	3CC10 -13A/B	8469-283 R2	1C-8	NO	IWD	VISUAL		
RR	1393	3CC1C -13A/B	8469-284 R2	1C-8	NO	IWD	VISUAL		
RR	1506	2CC8 -157A2	8469-285 R1	1C-354	YES	CE-1	SURFACE		
RR	1507	2CC8 -88A2	8469-286 R1	1C-347	YES	CE-1	SURFACE		
RR	1508	2CC8 -91B1	8469-287 R1	1C-308	YES	CE-1	SURFACE		
RR	1509	2CC8 -157A2	8469-288 R1	1C-351	YES	CE-1	SURFACE		
RR	1378	2CC8 -158B1	8469-413 R0	1C-351	NO	CE-2	VISUAL		
RR	1382	2CC8 -158B1	8469-414 R3	1C-1149	YES	CE-1	SURFACE		
RR	1418	2CC8 -158B2	8469-441 R0	1C-346	NO	CE-2	VISUAL		
RR	1419	2CC8 -158B2	8469-442 R0	1C-346	NO	CE-2	VISUAL		
RR	1420	2CC8 -158B2	8469-443 R1	1C-346	NO	CE-2	VISUAL		
RR	1421	2CC8 -158B2	8469-444 R0	1C-346	NO	CE-2	VISUAL		
RR	1422	2CC8 -158B2	8469-445 R1	1C-1152	NO	CE-2	VISUAL		
RR	1423	2CC8 -158B2	8469-446 R0	1C-1152	NO	CE-2	VISUAL		
RR	1424	2CC8 -158B2	8469-447 R0	1C-1152	NO	CE-2	VISUAL		
RR	1425	2CC8 -91B2	8469-448 R0	1C-306	NO	CE-2	VISUAL		
RR	1426	2CC8 -91B2	8469-449 R1	1C-306	NO	CE-2	VISUAL		
RR	1427	2CC8 -91B2	8469-451 R0	1C-306	NO	CE-2	VISUAL		
RR	1428	2CC8 -91B2	8469-452 R0	1C-1151	NO	CE-2	VISUAL		
RR	1429	2CC8 -91B2	8469-453 R3	1C-1151	NO	CE-2	VISUAL		
RR	1430	2CC8 -91B2	8469-454 R0	1C-1151	NO	CE-2	VISUAL		
RR	1431	3CC10 -13A/B	8469-455 R2	1C-8	NO	IWD	VISUAL		
RR	1432	3CC10 -13A/B	8469-456 R3	1C-8	NO	IWD	VISUAL		
RR	1433	3CC10 -13A/B	8469-457 R2	1C-5	NO	IWD	VISUAL		
RR	1434	3CC10 -13A/B	8469-458 R4	1C-5	NO	IWD	VISUAL		
RR	1435	3CC10 -13A/B	8469-459 R3	1C-5	NO	IWD	VISUAL		
RR	1437	3CC10 -13A/B	8469-461 R2	1C-7	NO	IWD	VISUAL		
RR	1401	3CC10 -21B1	8469-423 R2	1C-7	NO	IWD	VISUAL		
RR	1402	3CC10 -21B1	8469-424 R2	1C-7	NO	IWD	VISUAL		

Date: _____

Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 27 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1438	3CC10	-66A/B	8469-462 R3	IC-10	YES	IWD	VISUAL	
A	1465	3CC10	-13A/B	8469-489 R4	IC-10	YES	IWD	VISUAL	
RR	1466	3CC10	-13A/B	8469-490 R3	IC-10	NO	IWD	VISUAL	
RR	1467	3CC10	-13A/B	8469-491 R2	IC-10	NO	IWD	VISUAL	
RR	1487	2CC8	- 88A1	8469-513 R2	IC-1169	NO	CE-2	VISUAL	
RR	1488	2CC8	- 88A1	8469-514 R1	IC-1169	NO	CE-2	VISUAL	
RR	1489	2CC3	-88A1	8469-515 R0	IC-1169	NO	CE-2	VISUAL	
RR	1490	2CC8	-88A1	8469-516 R0	IC-1169	NO	CE-2	VISUAL	
RR	1491	2CC8	-88A1	8469-517 R0	IC-1169	NO	CE-2	VISUAL	
RR	1492	2CC8	-88A1	8469-518 R0	IC-1169	NO	CE-2	VISUAL	
RR	1493	2CC8	-88A1	8469-519 R1	IC-817	NO	CE-2	VISUAL	
RR	1494	2CC8	-88A1	8469-520 R1	IC-817	NO	CE-2	VISUAL	
RR	1495	2CC8	-88A1	8469-522 R0	IC-817	NO	CE-2	VISUAL	
RR	1497	2CC8	-88A1	8469-523 R0	IC-817	NO	CE-2	VISUAL	
RR	1496	2CC8	-88A1	8469-524 R0	IC-817	NO	CE-2	VISUAL	
RR	1498	2CC8	-88A1	8469-525 R0	IC-817	NO	CE-2	VISUAL	
RR	1499	2CC8	-88A1	8469-526 R0	IC-817	NO	CE-2	VISUAL	
RR	1500	2CC8	-88A1	8469-527 R1	IC-816	YES	CE-1	SURFACE	
RR	1501	2CC8	-91B2	8469-528 R1	IC-1151	NO	CE-2	VISUAL	
RR	1510	2CC8	-91B2	8469-533 R2	IC-306	YES	CE-1	SURFACE	
RR	1511	2CC8	-91B2	8469-534 R2	IC-1151	NO	CE-2	VISUAL	
RR	1512	2CC8	-158B2	8469-535 R1	IC-346	NO	CE-2	VISUAL	
RR	1513	2CC8	-158B2	8469-536 R1	IC-1152	YES	CE-1	SURFACE	
RR	1514	2CC8	-158B2	8469-537 R0	IC-1152	NO	CE-2	VISUAL	
RR	1515	2CC8	-88A1	8469-538 R1	IC-1169	NO	CE-2	VISUAL	
RR	1516	2CC8	-88A1	8469-539 R1	IC-816	NO	CE-2	VISUAL	
RR	1517	2CC8	-88A1	8469-540 R1	IC-816	NO	CE-2	VISUAL	
RR	1518	2CC8	-88A1	8469-541 R0	IC-816	NO	CE-2	VISUAL	
RR	1519	2CC8	-88A1	8469-542 R0	IC-816	YES	CE-1	SURFACE	
RR	1461	3CC10	-27A2	8469-485 R2	IC-11	NO	IWD	VISUAL	
RR	1483	3CC10	-51B1	8469-509 R2	IC-4	NO	IWD	VISUAL	

Date: _____
Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 28 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1520	2CC8 -88A1	8469-544 R	1C-816	NO	CE-2	VISUAL		
RR	1521	2CC8 -88A1	8469-545 R0	1C-816	NO	CE-2	VISUAL		
RR	1522	2CC8 -88A1	8469-546 R	1C-816	YES	CE-1	SURFACE		
RR	1523	3CC10 -13A/B	8469-547 R	1C-10	NO	IWD	VISUAL		
RR	1234	3CC10 -33B2	8469-637 R3	1C-9	YES	IWD	VISUAL		
RR	1235	3CC10 -33B2	8469-638 R2	1C-851	NO	IWD	VISUAL		
RR	1260	3CC10 -57A2	8469-648 R2	1C-3	NO	IWD	VISUAL		
RR	1261	3CC10 -57A2	8469-649 R2	1C-3	NO	IWD	VISUAL		
RR	1262	3CC10 -57A2	8469-650 R1	1C-3	NO	IWD	VISUAL		
RR	1263	3CC10 -57A2	8469-651 R1	1C-3	NO	IWD	VISUAL		
RR	1264	3CC10 -57A2	8469-652 R1	1C-3	NO	IWD	VISUAL		
A	1526	3CC6 -12A/B	8469-2256 R3	1C-1319	YES	IWD	VISUAL		
RR	1528	3CC6 -12A/B	8469-2258 R1	1C-1319	NO	IWD	VISUAL		
RR	1529	3CC6 -12A/B	8469-2259 R1	1C-14	NO	IWD	VISUAL		
RR	1530	3CC6 -12A/B	8469-2260 R1	1C-14	NO	IWD	VISUAL		
RR	1537	3CC6 -12A/B	8469-2268 R3	1C-14	YES	IWD	VISUAL		
RR	1711	3CC20 -3A	8469-2577 R0	1C-728	NO	IWD	VISUAL		
RR	1712	3CC20 -3A	8469-2578 R0	1C-727	NO	IWD	VISUAL		
RR	1724	3CC10 -51B1	8469-2626 R1	1C-4	NO	IWD	VISUAL		
RR	1725	3CC10 -51B1	8469-2627 R0	1C-4	NO	IWD	VISUAL		
RR	1716	3CC6 -39A/B	8469-2642 R0	1C-821	NO	IWD	VISUAL		
A	1717	3CC6 -39A/B	8469-2647 R2	1C-821	YES	IWD	VISUAL		
RR	1734	3CC6 -12A/B	8469-2651 R1	1C-825	NO	IWD	VISUAL		
RR	1735	3CC6 -12A/B	8469-2652 R1	1C-825	NO	IWD	VISUAL		

Date: _____
Revision: _____

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1239	3CC6 -12A/B	8469-2653 R1	1C-825	NO	IWD	VISUAL		
RR	1728	3CC10 -13A/B	8469-2659 R0	1C-5	NO	IWD	VISUAL		
RR	1527	3CC6 -12A/B	8469-2662 R0	1C-	NO	IWD	VISUAL		
RR	1715	3CC6 -39A/B	8469-2663 R0	1C-	NO	IWD	VISUAL		
RR	1726	3CC10 -51B1	8469-2667 R2	1C-4	YES	IWD	VISUAL		
RR	1729	3CC10 -15A1	8469-2669 R0	1C-6	NO	IWD	VISUAL		
RR	1731	3CC10 -27A2	8469-2670 R0	1C-11	NO	IWD	VISUAL		
RR	1732	3CC10 -27A2	8469-2671 R0	1C-11	NO	IWD	VISUAL		
RR	1733	3CC6 -12A/B	8469-2672 R2	1C-825	YES	IWD	VISUAL		
RR	1736	3CC6 -12A/B	8469-2674 R0	1C-825	NO	IWD	VISUAL		
A	1737	3CC10 -21B1	8469-2675 R1	1C-5	YES	IWD	VISUAL		
RR	1740	3CC10 -21B1	8469-2679 R0	1C-7	NO	IWD	VISUAL		
RR	1741	3CC10 -21B1	8469-2681 R0	1C-7	NO	IWD	VISUAL		
RR	1747	3CC6 -317	8469-2687 R0	1C-1318	NO	IWD	VISUAL		
RR	1748	3CC6 -317	8469-2688 R0	1C-12	NO	IWD	VISUAL		
RR	1749	3CC6 -317	8469-2689 R0	1C-12	NO	IWD	VISUAL		
RR	1750	3CC6 -317	8469-2690 R0	1C-12	NO	IWD	VISUAL		
RR	1760	3CC6 -317	8469-2700 R1	1C-12	YES	IWD	VISUAL		
RR	1761	3CC6 -317	8469-2701 R0	1C-12	NO	IWD	VISUAL		
RR	1762	3CC6 -317	8469-2702 R0	1C-12	NO	IWD	VISUAL		
RR	1439	3CC10 -15A1	8469-463 R3	1C-6	NO	IWD	VISUAL		
RR	1440	3CC10 -15A1	8469-464 R2	1C-6	NO	IWD	VISUAL		
RR	1441	3CC10 -15A1	8469-465 R3	1C-6	NO	IWD	VISUAL		
RR	1442	3CC10 -21B1	8469-466 R2	1C-5	NO	IWD	VISUAL		
RR	1443	3CC10 -15A1	8469-467 R2	1C-6	NO	IWD	VISUAL		
RR	1444	3CC10 -15A1	8469-468 R3	1C-6	NO	IWD	VISUAL		

Date: _____
Revision: _____

COMPONENT COOLING WATER SYSTEM

LIST OF HANGERS FOR ISI

Sheet 30 of 30

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1278	3CC10 -51B1	8469-67 R3	1C-1	NO	IWD	VISUAL		
RR	1279	3CC10 -51B1	8469-68 R4	1C-1	NO	IWD	VISUAL		
RR	1280	3CC10 -51B1	8469-69 R4	1C-1	NO	IWD	VISUAL		
RR	1403	3CC10 -21B1	8469-425 R2	1C-7	NO	IWD	VISUAL		
RR	1404	3CC10 -21B1	8469-426 R2	1C-7	NO	IWD	VISUAL		
RR	1484	3CC10 -51B1	8469-510 R3	1C-4	NO	IWD	VISUAL		
RR	1485	3CC10 -51B1	8469-511 R3	1C-4	NO	IWD	VISUAL		

Date: _____
Revision: _____

REACTOR COOLANT

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SR	8	1RC2 -41RL1	8469-998 R2	1C-	NO	BK-2	VISUAL		
SR	41	1RC2 -43A/B	8469-1006 R4	1C-	NO	BK-2	VISUAL		
RR	42	1RC2 -43A/B	8469-1007 R2	1C-	NO	BK-2	VISUAL		
RR	43	1RC2 -43A/B	8469-1008 R3	1C-	NO	BK-2	VISUAL		
RR	44	1RC2 -43A/B	8469-1009 R2	1C-	NO	BK-2	VISUAL		
RR	45	1RC2 -43A/B	8469-1011 R3	1C-	NO	BK-2	VISUAL		
SR	46	1RC2 -43A/B	8469-1012 R3	1C-	NO	BK-2	VISUAL		
RR	47	1RC2 -43A/B	8469-1013 R2	1C-	NO	BK-2	VISUAL		
SR	48	1RC2 -43A/B	8469-1014 R2	1C-	NO	BK-2	VISUAL		
SH	49	1RC2 -43A/B	8469-1015 R2	1C-	NO	BK-2	VISUAL		
RR	50	1RC2 -43A/B	8469-1016 R2	1C-	NO	BK-2	VISUAL		
RR	51	1RC2 -43A/B	8469-1017 R2	1C-	NO	BK-2	VISUAL		
RR	52	1RC2 -43A/B	8469-1018 R2	1C-	NO	BK-2	VISUAL		
RR	53	1RC2 -43A/B	8469-1019 R2	1C-	NO	BK-2	VISUAL		
SR	56	1RC2 -41RL1	8469-1021 R3	1C-	NO	BK-2	VISUAL		
RR	57	1RC2 -41RL1	8469-1022 R3	1C-	NO	BK-2	VISUAL		
PR	58	1RC2 -41RL1	8469-1023 R3	1C-	NO	BK-2	VISUAL		
RR	59	1RC2 -41RL1	8469-1024 R3	1C-	NO	BK-2	VISUAL		
SR	60	1RC2 -41RL1	8469-1025 R4	1C-	NO	BK-2	VISUAL		
RR	61	1RC2 -41RL1	8469-1026 R2	1C-	NO	BK-2	VISUAL		
SR	62	1RC2 -41RL1	8469-1027 R2	1C-	NO	BK-2	VISUAL		
SR	63	1RC2 -41RL1	8469-1028 R2	1C-	NO	BK-2	VISUAL		
SR	64	1RC2 -41RL1	8469-1029 R4	1C-	NO	BK-2	VISUAL		
SR	65	1RC2 -41RL1	8469-1030 R2	1C-	NO	BK-2	VISUAL		
SH	66	1RC2 -41RL1	8469-1031 R2	1C-	NO	BK-2	VISUAL		
RR	67	1RC2 -41RL1	8469-1032 R3	1C-	NO	BK-2	VISUAL		
RR	68	1RC2 -41RL1	8469-1033 R2	1C-	NO	BK-2	VISUAL		
SR	69	1RC2 -48RL2A	8469-1034 R2	1C-	NO	BK-2	VISUAL		
SR	70	1RC2 -48RL2A	8469-1035 R2	1C-	NO	BK-2	VISUAL		
SR	71	1RC2 -50A/B	8469-1036 R5	1C-	NO	BK-2	VISUAL		

Date: _____
Revision: _____

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	72	1RC2 -50A/B	8469-1037 R3	1C-	NO	BK-2	VISUAL		
SR	73	1RC2 -46RL1A	8469-1038 R2	1C-	NO	BK-2	VISUAL		
SR	74	1RC2 -46RL1A	8469-1040 R2	1C-	NO	BK-2	VISUAL		
SR	75	1RC2 -47RL1B	8469-1042 R2	1C-	NO	BK-2	VISUAL		
SR	76	1RC2 -47RL1B	8469-1043 R3	1C-	NO	BK-2	VISUAL		
SH	77	1RC12-11A/B	8469-1045 R0	1C-	NO	BK-2	VISUAL		
SH	78	1RC12-11A/B	8469-1046 R0	1C-	NO	BK-2	VISUAL		
SH	79	1RC12-11A/B	8469-1047 R1	1C-	NO	BK-2	VISUAL		
SR	80	1RC14-44RL1	8469-1049 R4	1C-1135	NO	BK-2	VISUAL		
SH	81	1RC2 -41RL1	8469-1050 R3	1C-	NO	BK-2	VISUAL		
RR	88	1RC12-39RL2A	8469-1052 R2	1C-674	NO	BK-2	VISUAL		
RR	89	1RC12-39RL2A	8469-1053 R4	1C-674	NO	BK-2	VISUAL		
RR	90	1RC14-45RL2	8469-1054 R4	1C-1134	NO	BK-2	VISUAL		
SR	92	1RC14-45RL2	8469-1055 R2	1C-1134	NO	BK-2	VISUAL		
RR	94	1RC14-45RL2	8469-1057 R2	1C-1134	NO	BK-2	VISUAL		
SH	95	1RC14-45RL2	8469-1058 R3	1C-1134	NO	BK-2	VISUAL		
RR	101	1RC4 -16A/B	8469-1064 R3	1C-901	NO	BK-2	VISUAL		
SR	102	1RC4 -16A/B	8469-1065 R2	1C-901	NO	BK-2	VISUAL		
SH	103	1RC4 -16A/B	8469-1066 R3	1C-901	NO	BK-2	VISUAL		
SH	104	1RC2 -55A/B	8469-1067 R2	1C-	NO	BK-2	VISUAL		
RR	105	1RC4 -16A/B	8469-1068 R2	1C-901	NO	BK-2	VISUAL		
RR	106	1RC3 -14A	8469-1069 R2	1C-901	NO	BK-2	VISUAL		
RR	107	1RC2 -55A/B	8469-1070 R2	1C-	NO	BK-2	VISUAL		
SR	108	1RC2 -55A/B	8469-1071 R2	1C-	NO	BK-2	VISUAL		
RR	109	1RC2 -55A/B	8469-1072 R2	1C-	NO	BK-2	VISUAL		
RR	100	1RC14-45RL2	8469-1063 R2	1C-1134	NO	BK-2	VISUAL		

REACTOR COOLANT

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SH	110	1RC2 -55A/B	8469-1073 R3	1C-	NO	BK-2	VISUAL		
RR	111	1RC2 -55A/B	8469-1074 R3	1C-	NO	BK-2	VISUAL		
RR	112	1RC2 -55A/B	8469-1075 R3	1C-	NO	BK-2	VISUAL		
RR	113	1RC2 -55A/B	8469-1076 R2	1C-	NO	BK-2	VISUAL		
RR	114	1RC2 -55A/B	8469-1077 R2	1C-	NO	BK-2	VISUAL		
SH	115	1RC3 -14A	8469-1078 R3	1C-901	NO	BK-2	VISUAL		
RR	116	1RC3 -12A	8469-1079 R2	1C-902	NO	BK-2	VISUAL		
SR	117	1RC3 -12A	8469-1080 R2	1C-902	NO	BK-2	VISUAL		
SH	118	1RC3 -12A	8469-1081 R2	1C-902	NO	BK-2	VISUAL		
RR	119	1RC3 -12A	8469-1082 R2	1C-902	NO	BK-2	VISUAL		
RR	120	1RC3 -12A	8469-1083 R3	1C-902	NO	BK-2	VISUAL		
SR	162	1RC2 -42RL2	8469-1085 R4	1C-	NO	BK-2	VISUAL		
SH	163	1RC2 -42RL2	8469-1086 R3	1C-	NO	BK-2	VISUAL		
SR	164	1RC2 -42RL2	8469-1087 R2	1C-	NO	BK-2	VISUAL		
RR	165	1RC2 -42RL2	8469-1088 R2	1C-	NO	BK-2	VISUAL		
RR	166	1RC2 -42RL2	8469-1089 R3	1C-	NO	BK-2	VISUAL		
RR	167	1RC2 -42RL2	8469-1090 R2	1C-	NO	BK-2	VISUAL		
RR	168	1RC2 -42RL2	8469-1091 R2	1C-	NO	BK-2	VISUAL		
RR	169	1RC2 -42RL2	8469-1092 R2	1C-	NO	BK-2	VISUAL		
RR	170	1RC2 -42RL2	8469-1093 R2	1C-	NO	BK-2	VISUAL		
RR	171	1RC2 -42RL2	8469-1094 R2	1C-	NO	BK-2	VISUAL		
RR	173	1RC2 -55A/B	8469-1096 R2	1C-	NO	BK-2	VISUAL		
RR	174	1RC2 -55A/B	8469-1097 R2	1C-	NO	BK-2	VISUAL		
SH	175	1RC2 -55A/B	8469-1098 R2	1C-	NO	BK-2	VISUAL		
RR	176	1RC2 -55A/B	8469-1099 R2	1C-	NO	BK-2	VISUAL		
SR	177	1RC2 -55A/B	8469-1100 R2	1C-	NO	BK-2	VISUAL		
RR	178	1RC2 -55A/B	8469-1101 R3	1C-	NO	BK-2	VISUAL		
SR	179	1RC2 -55A/B	8469-1102 R2	1C-	NO	BK-2	VISUAL		

Date: _____
Revision: _____

REACTOR COOLANT

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SH	141	IRC3 -12A	8469-1135 R2	1C-902	NO	BK-2	VISUAL		
RR	142	IRC3 -12A	8469-1136 R2	1C-902	NO	BK-2	VISUAL		
RR	143	IRC3 -12A	8469-1137 R2	1C-902	NO	BK-2	VISUAL		
SR	144	IRC3 -12A	8469-1138 R2	1C-902	NO	BK-2	VISUAL		
SR	145	IRC3 -12A	8469-1139 R2	1C-902	NO	BK-2	VISUAL		
SR	148	IRC3 -13B	8469-1143 R3	1C-900	NO	BK-2	VISUAL		
RR	149	IRC3 -13B	8469-1145 R3	1C-900	NO	BK-2	VISUAL		
RR	150	IRC3 -13B	8469-1146 R3	1C-900	NO	BK-2	VISUAL		
RR	151	IRC3 -13B	8469-1147 R2	1C-900	NO	BK-2	VISUAL		
RR	152	IRC3 -13B	8469-1148 R2	1C-900	NO	BK-2	VISUAL		
SH	153	IRC3 -13B	8469-1149 R2	1C-900	NO	BK-2	VISUAL		
RR	154	IRC3 -13B	8469-1151 R2	1C-900	NO	BK-2	VISUAL		
SH	155	IRC3 -13B	8469-1152 R2	1C-900	NO	BK-2	VISUAL		
SR	156	IRC3 -13B	8469-1154 R2	1C-900	NO	BK-2	VISUAL		
RR	157	IRC3 -13B	8469-1155 R2	1C-900	NO	BK-2	VISUAL		
SR	158	IRC3 -13B	8469-1156 R2	1C-900	NO	BK-2	VISUAL		
SR	159	IRC3 -13B	8469-1157 R3	1C-900	NO	BK-2	VISUAL		
RR	182	IRC14 -45RL2	8469-1160 R3	1C-1134	NO	BK-2	VISUAL		
RR	183	IRC14 -45RL2	8469-1161 R4	1C-1134	NO	BK-2	VISUAL		
SR	184	IRC14 -45RL2	8469-1163 R4	1C-1134	NO	BK-2	VISUAL		
SR	186	IRC14 -45RL2	8469-1165 R2	1C-1134	NO	BK-2	VISUAL		
RR	187	IRC2 -55A/B	8469-1166 R2	1C-	NO	BK-2	VISUAL		
SR	1	IRC12 -37RL1A	8469-1687 R1	1C-675	NO	BK-2	VISUAL		
SH	2	IRC12 -37RL1A	8469-1688 R1	1C-675	NO	EX-2	VISUAL		
RR	3	IRC12 -37RL1A	8469-1689 E3	1C-675	NO	BK-2	VISUAL		

Date: _____
Revision: _____

REACTOR COOLANT
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	4	IRC12 -37RL1A	8469-1691 R2	1C-675	NO	BK-2	VISUAL		
RR	5	IRC12 -37RL1A	8469-1692 R2	1C-675	NO	BK-2	VISUAL		
RR	6	IRC12 -37RL1A	8469-1693 R1	1C-675	NO	BK-2	VISUAL		
RR	122	IRC14 -44RL1	8469-1787 R3	1C-1135	NO	BK-2	VISUAL		
SH	123	IRC14 -44RL1	8469-1788 R2	1C-1135	NO	BK-2	VISUAL		
RR	124	IRC14 -44RL1	8469-1789 R1	1C-1135	NO	BK-2	VISUAL		
SR	125	IRC14 -44RL1	8469-1791 R1	1C-1135	NO	BK-2	VISUAL		
RR	126	IRC14 -44RL1	8469-1792 R2	1C-1135	NO	BK-2	VISUAL		
RR	127	IRC14 -44RL1	8469-1793 R2	1C-1135	NO	BK-2	VISUAL		
RR	128	IRC14 -44RL1	8469-1794 R2	1C-1135	NO	BK-2	VISUAL		
SR	294	IRC14 -44RL1	8469-1795 R1	1C-1135	NO	BK-2	VISUAL		
SH	129	IRC12 -40RL2B	8469-1796 R1	1C-676	NO	BK-2	VISUAL		
RR	131	IRC12 -40RL2B	8469-1797 R1	1C-676	NO	BK-2	VISUAL		
RR	132	IRC12 -40RL2B	8469-1798 R0	1C-676	NO	BK-2	VISUAL		
RR	135	IRC12 -40RL2B	8469-1799 R2	1C-676	NO	BK-2	VISUAL		
RR	133	IRC12 -40RL2B	8469-1800 R2	1C-676	NO	BK-2	VISUAL		
RR	134	IRC12 -40RL2B	8469-1801 R1	1C-676	NO	BK-2	VISUAL		
SR	130	IRC12 -40RL2B	8469-1802 R1	1C-676	NO	BK-2	VISUAL		
RR	293	IRC14 -45RL2	8469-1803 R2	1C-1134	NO	BK-2	VISUAL		
RR	292	IRC14 -45RL2	8469-1805 R2	1C-1134	NO	BK-2	VISUAL		
RR	140	IRC2 -55A/B	8469-1844 R1	1C-	NO	BK-2	VISUAL		
RR	139	IRC2 -42RL2	8469-1845 R1	1C-	NO	BK-2	VISUAL		
RR	138	IRC2 -42RL2	8469-1846 R1	1C-	NO	BK-2	VISUAL		
RR	137	IRC2 -42RL2	8469-1847 R1	1C-	NO	BK-2	VISUAL		
RR	136	IRC2 -42RL2	8469-1848 R2	1C-	NO	BK-2	VISUAL		
A	39	IRC2 -55A/B	8469-1849 R3	1C-	NO	BK-2	VISUAL		
RR	38	IRC2 -55A/B	8469-1850 R3	1C-	NO	BK-2	VISUAL		
RR	37	IRC2 -55A/B	8469-1851 R1	1C-	NO	BK-2	VISUAL		
RR	36	IRC2 -55A/B	8469-1852 R3	1C-	NO	BK-2	VISUAL		
RR	3002	IRC2 -28	8469-2802 R0	1C-	NO	BK-2	VISUAL		

Date: _____
Revision: _____

REACTOR COOLANT

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SH	35	IRC2 -55A/B	8469-1853 R1	1C-	NO	BK-2	VISUAL		
SR	34	IRC2 -55A/B	8469-1854 R3	1C-	NO	BK-2	VISUAL		
RR	33	IRC2 -55A/B	8469-1855 R1	1C-	NO	BK-2	VISUAL		
SR	32	IRC2 -55A/B	8469-1856 R1	1C-	NO	BK-2	VISUAL		
SR	31	IRC2 -148	8469-1857 R1	1C-	NO	BK-2	VISUAL		
SH	30	IRC2 -148	8469-1858 R2	1C-	NO	BK-2	VISUAL		
RR	304	IRC2 -55A/B	8469-1859 R2	1C-	NO	BK-2	VISUAL		
RR	303	IRC2 -55A/B	8469-1860 R1	1C-	NO	BK-2	VISUAL		
RR	298	IRC2 -55A/B	8469-1861 R4	1C-	NO	BK-2	VISUAL		
SR	297	IRC2 -55A/B	8469-1862 R2	1C-	NO	BK-2	VISUAL		
RR	180	IRC2 -55A/B	8469-1865 R3	1C-	NO	BK-2	VISUAL		
SR	29	IRC2 -148	8469-2115 R1	1C-	NO	BK-2	VISUAL		
SR	28	IRC2 -55A/B	8469-2116 R1	1C-	NO	BK-2	VISUAL		
RR	23	IRC2 -55A/B	8469-2117 R1	1C-	NO	BK-2	VISUAL		
SR	22	IRC2 -55A/B	8469-2118 R2	1C-	NO	BK-2	VISUAL		LINE #-LATER
SR	21	IRC2 -55A/B	8469-2119 R2	1C-	NO	BK-2	VISUAL		LINE #-LATER
RR	20	IRC2 -42RL2	8469-2120 R2	1C-	NO	BK-2	VISUAL		
SR	19	IRC2 -42RL2	8469-2121 R1	1C-	NO	BK-2	VISUAL		
RR	18	IRC2 -42RL2	8469-2123 R2	1C-	NO	BK-2	VISUAL		
SR	17	IRC2 -42RL2	8469-2125 R2	1C-	NO	BK-2	VISUAL		LINE #-LATER
SR	16	IRC2 -42RL2	8469-2126 R1	1C-	NO	BK-2	VISUAL		
SH	15	IRC2 -42RL2	8469-2127 R2	1C-	NO	BK-2	VISUAL		
SH	7	IRC2 -41RL1	8469-2169 R1	1C-	NO	BK-2	VISUAL		
SR	9	IRC2 -41RL1	8469-2170/R1	1C-	NO	BK-2	VISUAL		LINE #-LATER
SR	10	IRC2 -41RL1	8469-2171 R1	1C-	NO	BK-2	VISUAL		LINE #-LATER
SR	11	IRC2 -41RL1	8469-2172 R1	1C-	NO	BK-2	VISUAL		LINE #-LATER
RR	12	IRC2 -41RL1	8469-2173 R1	1C-	NO	BK-2	VISUAL		LINE #-LATER
RR	13	IRC2 -41RL1	8469-2174 R2	1C-	NO	BK-2	VISUAL		LINE #-LATER
RR	14	IRC2 -41RL1	8469-2175 R2	1C-	NO	BK-2	VISUAL		LINE #-LATER
SR	40	IRC2 -41RL1	8469-2176 R2	1C-	NO	BK-2	VISUAL		LINE #-LATER
RR	54	IRC2 -41RL1	8469-2177 R2	1C-	NO	BK-2	VISUAL		LINE #-LATER
SR	331	ISI3 -13B	8469-2445 R2	1C-	NO	BK-2	VISUAL		LINE #-LATER
RR	3001	IRC2 -20	8469-2801 R0	1C-	NO	BK-2	VISUAL		LINE #-LATER

Date: _____
Revision: _____

CONTAINMENT SPRAY SYSTEM

LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SH	7	2CS10-12B	4305-31 R1	1C-117	NO	CE-2	VISUAL		
RR	29	2CS10-12A	4305-53 R1	1C-115	NO	CE-2	VISUAL		
RR	49	2CS6 -16B	4305-73 R1	1C-111	NO	CE-2	VISUAL		
RR	50	2CS10-12A	4305-74 R1	1C-115	NO	CE-2	VISUAL		
RR	51	2CS10-12A	4305-75 R1	1C-115	NO	CE-2	VISUAL		
RR	52	2CS6 -15A	4305-76 R1	1C-103	NO	CE-2	VISUAL		
RR	82	2CS14-2B	4305-106 R1	1C-28	NO	CE-2	VISUAL		
RR	83	2CS14-2B	4305-107 R ²	1C-28	YES	CE-1	SURFACE		
RR	113	2CS6 -15B	4305-137 R1	1C-104	NO	CE-2	VISUAL		
			4305-138 R1						
RR	114	2CS14-2B	4305-139 R1	1C-28	NO	CE-2	VISUAL		
RR	115	2CS10-12B	4305-140 R1	1C-118	YES	CE-1	SURFACE		
RR	116	2CS6 -18A	4305-141 R1	1C-105	YES	CE-1	SURFACE		
RR	117	2CS6-18A	4305-142 R1	1C-105	NO	CE-2	VISUAL		
RR	118	2CS6-18A	4305-143 R1	1C-105	YES	CE-1	SURFACE		
RR	119	2CS6-18A	4305-144 R1	1C-105	NO	CE-2	VISUAL		
RR	120	2CS6-18A	4305-145 R1	1C-105	YES	CE-1	SURFACE		
RR	121	2CS6-18A	4305-146 R1	1C-105	NO	CE-2	VISUAL		
RR	122	2CS6-18A	4305-147 R1	1C-105	YES	CE-1	SURFACE		
RR	123	2CS6-18A	4305-148 R1	1C-105	NO	CE-2	VISUAL		
RR	124	2CS6-18A	4305-149 R1	1C-105	YES	CE-1	SURFACE		
RR	125	2CS6-18A	4305-150 R1	1C-105	NO	CE-2	VISUAL		
RR	126	2CS6-18A	4305-151 R1	1C-105	YES	CE-1	SURFACE		
RR	127	2CS6-18A	4305-152 R1	1C-105	NO	CE-2	VISUAL		
RR	128	2CS6-18A	4305-153 R1	1C-106	YES	CE-1	SURFACE		
RR	129	2CS6-18A	4305-154 R1	1C-106	NO	CE-2	VISUAL		
RR	130	2CS6-18A	4305-155 R1	1C-106	YES	CE-1	SURFACE		
RR	131	2CS6-18A	4305-156 R1	1C-106	NO	CE-2	VISUAL		
RR	132	2CS6-18A	4305-157 R1	1C-106	YES	CE-1	SURFACE		
RR	133	2CS6-18A	4305-158 R1	1C-106	NO	CE-2	VISUAL		
RR	134	2CS6-18A	4305-159 R1	1C-106	YES	CE-1	SURFACE		

Date: _____

Revision: _____

CONTAINMENT SPRAY SYSTEM

LIST OF HANGERS FOR ISI

Sheet 2 of 9

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	135	2CS6-18A	4305-160 R1	1C-106	NO	CE-2	VISUAL		
RR	136	2CS6-18A	4305-161 R1	1C-106	YES	CE-1	SURFACE		
RR	137	2CS6-18A	4305-162 R1	1C-106	NO	CE-2	VISUAL		
RR	138	2CS6-18A	4305-163 R2	1C-106	YES	CE-1	SURFACE		
RR	139	2CS6-18A	4305-164 R1	1C-106	NO	CE-2	VISUAL		
RR	140	2CS6-18A	4305-165 R1	1C-106	YES	CE-1	SURFACE		
RR	141	2CS6-18A	4305-166 R1	1C-106	NO	CE-2	VISUAL		
RR	142	2CS6-18A	4305-167 R1	1C-106	YES	CE-1	SURFACE		
RR	143	2CS6-18A	4305-168 R1	1C-105	NO	CE-2	VISUAL		
RR	144	2CS6-18A	4305-169 R1	1C-105	YES	CE-1	SURFACE		
RR	145	2CS10-8B	4305-170 R3	1C-27	NO	CE-2	VISUAL		
SH	146	2CS6-18B	4305-171 R1	1C-107	NO	CE-2	VISUAL		
RR	147	2CS6-18B	4305-172 R1	1C-107	YES	CE-1	SURFACE		
RR	148	2CS6-18B	4305-173 R1	1C-108	NO	CE-2	VISUAL		
RR	149	2CS6-18B	4305-174 R1	1C-108	YES	CE-1	SURFACE		
RR	150	2CS6-18B	4305-175 R1	1C-108	NO	CE-2	VISUAL		
RR	151	2CS6-18B	4305-176 R1	1C-108	YES	CE-1	SURFACE		
RR	152	2CS6-18B	4305-177 R1	1C-108	NO	CE-2	VISUAL		
RR	153	2CS6-18B	4305-178 R1	1C-108	YES	CE-1	SURFACE		
RR	154	2CS6-18B	4305-179 R1	1C-108	NO	CE-2	VISUAL		
RR	155	2CS6-18B	4305-180 R1	1C-108	YES	CE-1	SURFACE		
RR	156	2CS6-18B	4305-181 R1	1C-108	NO	CE-2	VISUAL		
RR	157	2CS6-18B	4305-182 R1	1C-108	YES	CE-1	SURFACE		
RR	158	2CS6-18B	4305-183 R1	1C-108	NO	CE-2	VISUAL		
RR	159	2CS6-18B	4305-184 R1	1C-108	YES	CE-1	SURFACE		
RR	160	2CS6-18B	4305-185 R1	1C-108	NO	CE-2	VISUAL		
RR	161	2CS6-18B	4305-186 R1	1C-108	YES	CE-1	SURFACE		
RR	162	2CS6-18B	4305-187 R1	1C-108	NO	CE-2	VISUAL		
RR	163	2CS6-18B	4305-188 R1	1C-107	YES	CE-1	SURFACE		
RR	164	2CS6-18B	4305-189 R1	1C-107	NO	CE-2	VISUAL		
RR	165	2CS6-18B	4305-190 R1	1C-107	YES	CE-1	SURFACE		

Date: _____

Revision: _____

CONTAINMENT SPRAY SYSTEM
LIST OF HANGERS FOR ISI

Sheet 3 of 9

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	166	2CS6-18B	4305-191 R1	1C-107	NO	CE-2	VISUAL		
RR	167	2CS6-18B	4305-192 R1	1C-107	YES	CE-1	SURFACE		
RR	168	2CS6-18B	4305-193 R1	1C-107	NO	CE-2	VISUAL		
RR	169	2CS6-18B	4305-194 R1	1C-107	YES	CE-1	SURFACE		
RR	170	2CS6-18B	4305-195 R1	1C-107	NO	CE-2	VISUAL		
RR	171	2CS6-18B	4305-196 R1	1C-107	YES	CE-1	SURFACE		
RR	172	2CS6-18B	4305-197 R1	1C-107	NO	CE-2	VISUAL		
RR	173	2CS6-18B	4305-198 R1	1C-107	YES	CE-1	SURFACE		
RR	174	2CS6-18B	4305-199 R1	1C-107	NO	CE-2	VISUAL		
SH	175	2CS6-18B	4305-200 R1	1C-107	NO	CE-2	VISUAL		
RR	176	2CS10-12A	4305-201 R1	1C-115	NO	CE-2	VISUAL		
RR	177	2CS10-12A	4305-202 R1	1C-115	NO	CE-2	VISUAL		
A	178	2CS6-13A	4305-203 R1	1C-116	YES	CE-1	SURFACE		
RR	179	2CS10-12A	4305-204 R3	1C-115	YES	CE-1	SURFACE		
RR	180	2CS6-13B	4305-205 R2	1C-118	YES	CE-1	SURFACE		
			4305-206 R2						
RR	181	2CS10-12B	4305-207 R1	1C-117	NO	CE-2	VISUAL		
RR	182	2CS10-12B	4305-208 R1	1C-117	NO	CE-2	VISUAL		
RR	183	2CS10-12B	4305-209 R3	1C-117	NO	CE-2	VISUAL		
RR	186	2CS10-12B	4305-212 R2	1C-117	NO	CE-2	VISUAL		
RR	191	2CS10-9B	4305-217 R4	1C-27	NO	CE-2	VISUAL		
RR	192	2CS14-2 A	4305-218 R4	1C-28	YES	CE-1	SURFACE		
RR	198	2CS10-12B	4305-224 R1	1C-117	NO	CE-2	VISUAL		
RR	199	2CS10-12B	4305-225 R2	1C-117	NO	CE-2	VISUAL		
RR	209	2CS14-2A	4305-235 R3	1C-28	YES	CE-1	SURFACE		
SH	210	2CS10-9A	4305-236 R2	1C-26	NO	CE-2	VISUAL		
RR	211	2CS10-12A	4305-3403 R1	1C-15	NO	CE-2	VISUAL		
RR	212	2CS10-12B	4305-238 R3	1C-24	NO	CE-2	VISUAL		
F	245	2CS6-18A	4305-265 R1	1C-105	NO	CE-2	VISUAL		
F	246	2CS6-18A	4305-266 R1	1C-105	NO	CE-2	VISUAL		
RR	247	2CS6-18A	4305-267 R1	1C-105	NO	CE-2	VISUAL		
RR	193	2CS14-2B	4305-219 R2	1C-28	YES	CE-1	SURFACE		

Date: _____

Revision: _____

CONTAINMENT SPRAY SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	248	2CS6-18A	4305-268 R1	1C-105	NO	CE-2	VISUAL		
RR	249	2CS6-18A	4305-269 R1	1C-105	NO	CE-2	VISUAL		
RR	250	2CS6-18A	4305-270 R1	1C-105	NO	CE-2	VISUAL		
RR	251	2CS6-18A	4305-271 R1	1C-106	NO	CE-2	VISUAL		
RR	252	2CS6-18A	4305-272 R1	1C-106	NO	CE-2	VISUAL		
RR	253	2CS6-18A	4305-273 R1	1C-106	NO	CE-2	VISUAL		
RR	254	2CS6-18A	4305-274 R1	1C-106	NO	CE-2	VISUAL		
RR	255	2CS6-18A	4305-275 R1	1C-106	NO	CE-2	VISUAL		
RR	256	2CS6-18A	4305-276 R1	1C-106	NO	CE-2	VISUAL		
RR	257	2CS6-18A	4305-277 R1	1C-106	NO	CE-2	VISUAL		
RR	258	2CS6-18A	4305-278 R1	1C-106	NO	CE-2	VISUAL		
RR	259	2CS6-18A	4305-279 R1	1C-105	NO	CE-2	VISUAL		
RR	261	2CS6-18B	4305-280 R1	1C-107	NO	CE-2	VISUAL		
RR	262	2CS6-18B	4305-281 R1	1C-108	NO	CE-2	VISUAL		
RR	263	2CS6-18B	4305-282 R1	1C-108	NO	CE-2	VISUAL		
RR	264	2CS6-18B	4305-283 R1	1C-108	NO	CE-2	VISUAL		
RR	265	2CS6-18B	4305-284 R1	1C-108	NO	CE-2	VISUAL		
RR	266	2CS6-18B	4305-285 R1	1C-108	NO	CE-2	VISUAL		
RR	267	2CS6-18B	4305-286 R1	1C-108	NO	CE-2	VISUAL		
RR	268	2CS6-18B	4305-287 R1	1C-108	NO	CE-2	VISUAL		
RR	269	2CS6-18B	4305-288 R1	1C-107	NO	CE-2	VISUAL		
RR	270	2CS6-18B	4305-289 R1	1C-107	NO	CE-2	VISUAL		
RR	271	2CS6-18B	4305-290 R1	1C-107	NO	CE-2	VISUAL		
RR	272	2CS6-18B	4305-291 R1	1C-107	NO	CE-2	VISUAL		
RR	273	2CS6-18B	4305-292 R1	1C-107	NO	CE-2	VISUAL		
RR	277	2CS6-13A	4305-293 R1	1C-116	NO	CE-2	VISUAL		
RR	278	2CS6-13A	4305-294 R1	1C-116	NO	CE-2	VISUAL		
RR	279	2CS10-12A	4305-295 R1	1C-116	NO	CE-2	VISUAL		
RR	280	2CS10-12A	4305-296 R1	1C-116	NO	CE-2	VISUAL		

CONTAINMENT SPRAY SYSTEM
LIST OF HANGERS FOR ISI

Sheet 5 of 9

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	281	2CS10-12A	4305-297 R1	1C-116	NO	CE-2	VISUAL		
RR	282	2CS10-12A	4305-298 R1	1C-115	NO	CE-2	VISUAL		
RR	283	2CS6-13B	4305-299 R1	1C-118	NO	CE-2	VISUAL		
RR	284	2CS10-12B	4305-300 R2	1C-118	NO	CE-2	VISUAL		
RR	285	2CS10-12B	4305-301 R1	1C-118	NO	CE-2	VISUAL		
RR	286	2CS10-12B	4305-302 R1	1C-117	NO	CE-2	VISUAL		
RR	287	2CS10-12A	4305-303 R1	1C-115	NO	CE-2	VISUAL		
RR	288	2CS10-12A	4305-304 R2	1C-115	NO	CE-2	VISUAL		
RR	289	2CS10-12A	4305-305 R2	1C-115	YES	CE-1	SURFACE		
RR	290	2CS10-12A	4305-306 R1	1C-115	NO	CE-2	VISUAL		
RR	291	2CS10-12A	4305-307 R1	1C-115	NO	CE-2	VISUAL		
RR	292	2CS10-12A	4305-308 R1	1C-115	NO	CE-2	VISUAL		
			4305-309 R1						
RR	293	2CS10-12A	4305-310 R3	1C-115	NO	CE-2	VISUAL		
			4305-311 R2						
RR	294	2CS10-12A	4305-312 R2	1C-115	NO	CE-2	VISUAL		
SR	295	2CS10-12A	4305-313 R3	1C-115	NO	CE-2	VISUAL		
			4305-314 R3						
			4305-315 R3						
RR	296	2CS10-12B	4305-316 R1	1C-117	NO	CE-2	VISUAL		
RR	297	2CS10-12B	4305-317 R2	1C-117	NO	CE-2	VISUAL		
RR	298	2CS10-12B	4305-318 R1	1C-117	NO	CE-2	VISUAL		
RR	299	2CS10-12B	4305-319 R3	1C-117	NO	CE-2	VISUAL		
RR	300	2CS10-12B	4305-320 R1	1C-117	NO	CE-2	VISUAL		
RR	301	2CS10-12B	4305-321 R2	1C-117	NO	CE-2	VISUAL		
SH	308	2CS6-18A	4305-322 R1	1C-105	NO	CE-2	VISUAL		
SH	311	2CS10-12A	4305-323 R2	1C-115	YES	CE-1	SURFACE		
SH	312	2CS10-12A	4305-324 R2	1C-115	YES	CE-1	SURFACE		
RR	314	2CS10-12A	4305-325 R3	1C-15	YES	CE-1	SURFACE		
RR	315	2CS10-12A	4305-326 R3	1C-15	NO	CE-2	VISUAL		
			4305-327 R3	1C-15					

Date: _____

Revision: _____

CONTAINMENT SPRAY SYSTEM
LIST OF HANGERS FOR ISI

Sheet 6 of 9

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	316	2CS10-12A	4305-328 R3	1C-15	NO	CE-2	VISUAL		
SH	317	2CS10-12A	4305-329 R2	1C-15	NO	CE-2	VISUAL		
RR	318	2CS10-7A	4305-330 R1	1C-15	YES	CE-1	SURFACE		
RR	319	2CS10-7A	4305-331 R4	1C-15	NO	CE-2	VISUAL		
A	320	2CS10-7A	4305-332 R4	1C-15	YES	CE-1	SURFACE		
SH	321	2CS10-7A	4305-333 R1	1C-15	NO	CE-2	VISUAL		
RR	322	2CS10-7A	4305-334 R3	1C-15	NO	CE-2	VISUAL		
RR	323	2CS10-7A	4305-335 R1	1C-15	NO	CE-2	VISUAL		
A	324	2CS10-7A	4305-336 R5	1C-15	YES	CE-1	SURFACE		
RR	326	2CS10-7A	4305-338 R3	1C-15	NO	CE-2	VISUAL		
RR	328	2CS10-7A	4305-340 R2	1C-15	YES	CE-1	SURFACE		
RR	330	2CS10-7A	4305-343 R3	1C-15	NO	CE-2	VISUAL		
RR	331	2CS10-7A	4305-344 R3	1C-15	NO	CE-2	VISUAL		
RR	332	2CS10-7A	4305-345 R3	1C-15	YES	CE-1	SURFACE		
RR	333	2CS10-11A	4305-347 R4	1C-14	YES	CE-1	SURFACE		
RR	334	2CS10-11A	4305-348 R3	1C-14	NO	CE-2	VISUAL		
RR	335	2CS10-11A	4305-349 R2	1C-14	YES	CE-1	SURFACE		
RR	337	2CS10-11A	4305-352 R1	1C-14	NO	CE-2	VISUAL		
RR	338	2CS10-11A	4305-353 R3	1C-14	NO	CE-2	VISUAL		
RR	339	2CS10-11A	4305-356 R3	1C-14	YES	CE-1	SURFACE		
SH	341	2CS10-11A	4305-358 R1	1C-14	NO	CE-2	VISUAL		
RR	342	2CS10-11A	4305-359 R2	1C-14	NO	CE-2	VISUAL		
RR	343	2CS10-9A	4305-360 R2	1C-26	NO	CE-2	VISUAL		
SH	345	2CS10-9A	4305-362 R1	1C-26	NO	CE-2	VISUAL		
RR	346	2CS10-9A	4305-363 R3	1C-26	NO	CE-2	VISUAL		
RR	347	2CS10-9A	4305-364 R2	1C-26	NO	CE-2	VISUAL		
RR	348	2CS10-9A	4305-365 R0	1C-26	NO	CE-2	VISUAL		
SR	349	2CS10-9A	4305-366 R4	1C-26	YES	CE-2	SURFACE		
			4305-8291 R1						
RR	350	2CS10-9A	4305-367 R2	1C-26	NO	CE-2	VISUAL		
SH	353	2CS10-8A	4305-370 R2	1C-26	YES	CE-1	SURFACE		

Date: _____
Revision: _____

CONTAINMENT SPRAY SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	354	2CS10-8A	4305-371 R3	1C-26	NO	CE-2	VISUAL		
SH	355	2CS10-8A	4305-372 R2	1C-26	NO	CE-2	VISUAL		
RR	356	2CS10-12B	4305-373 R3	1C-24	YES	CE-1	SURFACE		
RR	357	2CS10-12B	4305-374 R4	1C-24	NO	CE-2	VISUAL		
			4305-375 R4	1C-24					
SH	358	2CS10-12B	4305-376 R3	1C-24	NO	CE-2	VISUAL		
RR	359	2CS10-7B	4305-377 R4	1C-24	YES	CE-1	SURFACE		
RR	360	2CS10-7B	4305-378 R4	1C-24	NO	CE-2	VISUAL		
RR	361	2CS10-7B	4305-379 R1	1C-24	NO	CE-2	VISUAL		
SH	365	2CS10-11B	4305-383 R3	1C-24	NO	CE-2	VISUAL		
RR	366	2CS10-11B	4305-384 R4	1C-24	YES	CE-1	SURFACE		
SH	367	2CS10-11B	4305-385 R2	1C-24	NO	CE-2	VISUAL		
SH	370	2CS10-9B	4305-388 R4	1C-27	NO	CE-2	VISUAL		
SR	371	2CS10-9B	4305-389 R3	1C-27	YES	CE-1	SURFACE		
RR	372	2CS10-9B	4305-390 R2	1C-27	NO	CE-2	VISUAL		
RR	373	2CS10-9B	4305-391 R4	1C-27	NO	CE-2	VISUAL		
RR	375	2CS10-8B	4305-393 R3	1C-27	YES	CE-1	SURFACE		
SH	377	2CS10-8B	4305-395 R2	1C-27	NO	CE-2	VISUAL		
RR	378	2CS14-2B	4305-396 R1	1C-28	NO	CE-2	VISUAL		
SH	380	2CS14-2B	4305-398 R5	1C-28	YES	CE-1	SURFACE		
RR	381	2CS14-2A	4305-399 R2	1C-28	NO	CE-2	VISUAL		
RR	382	2CS14-2A	4305-400 R2	1C-28	NO	CE-2	VISUAL		
SH	383	2CS10-2A	4305-401 R3	1C-28	NO	CE-2	VISUAL		
A	384	2CS10-12B	4305-402 R1	1C-117	YES	CE-1	SURFACE		
			4305-403 R1						
			4305-404 R1						
A	385	2CS10-12A	4305-405 R1	1C-117	YES	CE-1	SURFACE		
			4305-406 R1						
			4305-407 R1						
A	362	2CS10-7B	4305-380 R1	1C-24	YES	CE-1	SURFACE		

CONTAINMENT SPRAY SYSTEM
LIST OF HANGERS FOR ISI

Sheet 8 of 9

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	393	2CS6-16B	4305-415 R1	1C-111	NO	CE-2	VISUAL		
RR	394	2CS6-15A	4305-416 R2 4305-417 R2	1C-103	NO	CE-2	VISUAL		
RR	395	2CS6-15B	4305-418 R1 4305-419 R1	1C-104	NO	CE-2	VISUAL		
RR	396	2CS8-14B	4305-420 R2 4305-421 R2 4305-2728 R1	1C-107	NO	CE-2	VISUAL		
RR	397	2CS8-18B	4305-422 R1	1C-107	NO	CE-2	VISUAL		
RR	398	2CS8-18B	4305-423 R1	1C-107	NO	CE-2	VISUAL		
SR	401	2CS10-12A	4305-426 R3	1C-115	NO	CE-2	VISUAL		SEE DWG. 4305-427 R3
RR	402	2CS10-8A	4305-3369 R2	1C-26	YES	CE-1	SURFACE		
RR	403	2CS10-8A	4305-3370 R2 4305-4702 R1	1C-26	YES	CE-1	SURFACE		
SR	404	2CS10-8B	4305-3371 R3	1C-27	YES	CE-1	SURFACE		
SR	405	2CS10-24B	4305-3372 R5	1C-27	NO	CE-2	VISUAL		
SR	406	2CS10-9A	4305-3373 R2	1C-26	NO	CE-2	VISUAL		
SR	407	2CS10-9A	4305-3374 R1	1C-26	YES	CE-1	SURFACE		
SR	408	2CS10-9A	4305-3375 R1	1C-26	NO	CE-2	VISUAL		
RR	409	2CS10-9A	4305-3376 R2	1C-26	NO	CE-2	VISUAL		
RR	410	2CS10-11B	4305-3377 R2	1C-24	NO	CE-1	SURFACE		
RR	411	2CS10-11B	4305-3378 R2	1C-24	YES	CE-1	SURFACE		
RR	413	2CS10-11B	4305-3380 R1	1C-24	YES	CE-1	SURFACE		
SH	414	2CS10-11A	4305-3381 R3	1C-14	NO	CE-2	VISUAL		
RR	415	2CS10-9B	4305-3382 R2	1C-27	NO	CE-2	VISUAL		
RR	416	2CS10-9B	4305-3383 R2	1C-27	NO	CE-2	VISUAL		
RR	417	2CS10-9B	4305-3384 R4	1C-27	YES	CE-1	SURFACE		
RR	418	2CS10-7A	4305-3385 R2	1C-14	NO	CE-2	VISUAL		
RR	419	2CS10-11A	4305-3386 R3	1C-14	NO	CE-2	VISUAL		

Date: _____
Revision: _____

CONTAINMENT SPRAY SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	327	2CS10-7A	4305-3404 R1	1C-15	YES	CE-1	SURFACE		
RR	329	2CS10-7A	4305-3405 R1	1C-15	NO	CE-2	VISUAL		
RR	336	2CS10-11A	4305-3406 R2	1C-14	YES	CE-1	SURFACE		
SR	352	2CS10-8A	4305-3407 R3	1C-26	YES	CE-1	SURFACE		
RR	363	2CS10-11B	4305-3408 R1	1C-24	YES	CE-1	SURFACE		
RR	376	2CS10-8B	4305-3410 R2	1C-27	NO	CE-2	VISUAL		
RR	379	2CS14-2B	4305-3411 R3	1C-28	NO	CE-2	VISUAL		
RR	420	2CS10-11B	4305-6494 R1	1C-24	YES	CE-1	SURFACE		
SH	368	2CS10-12B	4305-9633 R1	1C-117	NO	CE-2	VISUAL		

CONDENSATE SYSTEM

LIST OF HANGERS FOR ISI

Sheet 1 of 1

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	223	3CD6 -69A/B	4305-6608 R3	IC-855	NO	IWD	VISUAL		
RR	224	3CD6 -69A/B	4305-6609 R0	IC-855	NO	IWD	VISUAL		
RR	225	3CD6 -69A/B	4305-6611 R1	IC-855	NO	IWD	VISUAL		
RR	226	3CD6 -69A/B	4305-6612 R0	IC-855	YES	IWD	VISUAL		
RR	227	3CD6 -69A/B	4305-6613 R0	IC-855	YES	IWD	VISUAL		
RR	228	3CD6 -69A/B	4305-6614 R1	IC-855	NO	IWD	VISUAL		
RR	229	3CD6 -69A/B	4305-6615 R4	IC-855	NO	IWD	VISUAL		
RR	230	3CD6 -69A/B	4305-6616 R4	IC-855	NO	IWD	VISUAL		
RR	231	3CD6 -69A/B	4305-6617 R2	IC-855	YES	IWD	VISUAL		
RR	232	3CD6 -69A/B	4305-6619 R2	IC-855	NO	IWD	VISUAL		
RR	233	3CD6 -64A	4305-6620 R2	IC-860	NO	IWD	VISUAL		
RR	234	3CD6 -64A	4305-6621 R2	IC-860	NO	IWD	VISUAL		
RR	235	3CD6 -64A	4305-6622 R3	IC-860	YES	IWD	VISUAL		
RR	236	3CD6 -64A	4305-6623 R1	IC-860	NO	IWD	VISUAL		
RR	239	3CD6 -65B	4305-6626 R2	IC-866	NO	IWD	VISUAL		
RR	240	3CD6 -65B	4305-6627 R2	IC-866	NO	IWD	VISUAL		
RR	241	3CD6 -65B	4305-6628 R2	IC-866	NO	IWD	VISUAL		
RR	242	3CD6 -65B	4305-6629 R1	IC-866	YES	IWD	VISUAL		
RR	243	3CD6 -65B	4305-6630 R0	IC-866	NO	IWD	VISUAL		
RR	244	3CD6 -65B	4305-6631 R0	IC-866	NO	IWD	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Sheet 1 of 14

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	2	2SI24-2A	4305-1897 R2	IC-71	NO	CE-2	VISUAL		
RR	3	2SI24-2A	4305-1898 R2	IC-71	NO	CE-2	VISUAL		
RR	4	2SI24-2A	4305-1899 R3	IC-71	NO	CE-2	VISUAL		
RR	6	2SI24-2A	4305-1901 R3	IC-72	NO	CE-2	VISUAL		
RR	7	2SI24-2A	4305-1902 R4	IC-72	YES	CE-1	SURFACE		
RR	8	2SI24-2A	4305-1903 R2	IC-72	NO	CE-2	VISUAL		
SH	9	2SI24-2A	4305-1904 R2	IC-72	NO	CE-2	VISUAL		
RR	10	2SI24-2B	4305-1905 R1	IC-102	NO	CE-2	VISUAL		
RR	11	2SI24-2B	4305-1906 R2	IC-102	NO	CE-2	VISUAL		
SH	52	2SI24-3A	4305-1947 R5	IC-72	YES	CE-1	SURFACE		
SH	53	2SI24-3B	4305-1948 R2	IC-102	NO	CE-2	VISUAL		
SH	94	2SI24-2B	4305-1978 R3	IC-102	YES	CE-1	SURFACE		
			4305-1979 R3						
RR	95	2SI24-2B	4305-1980 R5	IC-102	NO	CE-2	VISUAL		
RR	103	2SI10-15A	4305-1988 R2	IC-34	YES	CE-1	SURFACE		
SH	124	2SI14-23B	4305-2009 R1	IC-102	NO	CE-2	VISUAL		
SH	147	2SI8-130 RL2A	4305-2027 R3	IC-60	YES	CE-1	SURFACE		
RR	160	3SI6-46A/B	4305-2032 R4	IC-25	NO	CE-2	VISUAL		
RR	163	2SI24-2A	4305-2034 R2	IC-72	NO	CE-2	VISUAL		
A	165	2SI10-15A/B	4305-2035 R2	IC-6	YES	CE-1	SURFACE		
RR	167	2SI10-15A/B	4305-2036 R1	IC-6	YES	CE-1	SURFACE		
RR	171	2SI10-15A/B	4305-2038 R3	IC-6	YES	CE-1	SURFACE		
			4305-2039 R2						
SH	173	2SI10-15A/B	4305-2041 R2	IC-6	YES	CE-1	SURFACE		
RR	175	2SI10-15A/B	4305-2042 R3	IC-6	YES	CE-1	SURFACE		
SH	181	2SI10-15A/B	4305-2045 R3	IC-6	NO	CE-2	VISUAL		
RR	183	2SI10-16A	4305-2046 R3	IC-35	NO	CE-2	VISUAL		
SH	187	2SI10-16A	4305-2050 R3	IC-35	NO	CE-2	VISUAL		
RR	191	2SI10-15A	4305-2053 R2	IC-34	NO	CE-2	VISUAL		
RR	193	2SI10-15A	4305-2054 R2	IC-34	NO	CE-2	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwp Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	199	2SI10-15A	4305-2059 R2	IC-34	YES	CE-1	SURFACE		
RR	200	3SI6-48A/B	4305-2060 R3	IC-25	YES	IWD	VISUAL		
SR	202	3SI6-48A/B	4305-2061 R3	IC-25	YES	IWD	VISUAL		
SR	203	2SI10-15A	4305-2062 R2	IC-34	NO	CE-2	VISUAL		
RR	206	2SI8-33B	4305-2064 R3	IC-59	NO	CE-2	VISUAL		
SH	210	2SI10-15B	4305-2069 R3	IC-37	NO	CE-2	VISUAL		
RR	211	2SI10-15B	4305-2070 R2	IC-37	NO	CE-2	VISUAL		
RR	212	2SI10-15B	4305-2071 R1	IC-37	NO	CE-2	VISUAL		
RR	151	2SI8-130RL2A	4305-2092 R2	IC-60	NO	CE-2	VISUAL		
RR	192	3SI6-48A/B	4305-2111 R3	IC-25	YES	IWD	VISUAL		
RR	194	3SI6-48A/B	4305-2112 R1	IC-25	NO	IWD	VISUAL		
RR	196	3SI6-48A/B	4305-2113 R2	IC-25	NO	IWD	VISUAL		
RR	293	2SI8-138RL2B	4305-2148 R2	IC-88	NO	CE-2	VISUAL		
SH	295	2SI8-55B2	4305-2149 R3	IC-88	NO	CE-2	VISUAL		
RR	299	2SI8-55B2	4305-2152 R5	IC-88	YES	CE-1	SURFACE		
RR	303	2SI8-55A2	4305-2156 R2	IC-60	NO	CE-2	VISUAL		
RR	304	2SI8-55A2	4305-2157 R1	IC-60	NO	CE-2	VISUAL		
RR	305	2SI8-55A2	4305-2158 R2	IC-60	NO	CE-2	VISUAL		
RR	306	2SI8-55A2	4305-2159 R1	IC-60	YES	CE-1	SURFACE		
RR	307	2SI8-55A2	4305-2160 R2	IC-60	NO	CE-2	VISUAL		
SH	308	2SI8-55A2	4305-2161 R3	IC-60	NO	CE-2	VISUAL		
RR	334	2SI14-14A	4305-2167 R2	IC-636	YES	CE-1	SURFACE		
RR	335	2SI14-18A	4305-2168 R5	IC-64	NO	CE-2	VISUAL		
RR	337	2SI14-18A	4305-2169 R4	IC-64	YES	CE-1	SURFACE		
A	341	2SI8-56A	4305-2171 R3	IC-64	YES	CE-1	SURFACE		
RR	387	2SI8-55A1	4305-2188 R2	IC-22	NO	CE-2	VISUAL		
SH	388	2SI8-55A1	4305-2189 R4	IC-22	NO	CE-2	VISUAL		
RR	389	2SI8-113RL1A	4305-2190 R2	IC-22	NO	CE-2	VISUAL		
RR	392	2SI8-55B1	4305-2191 R1	IC-2	NO	CE-2	VISUAL		
RR	394	2SI8-55B1	4305-2192 R2	IC-2	NO	CE-2	VISUAL		
RR	396	2SI8-55B1	4305-2193 R1	IC-2	NO	CE-2	VISUAL		
RR	197	2SI10-15A	4305-2056 R3	IC-34	NO	CE-2	VISUAL		
SH	224	2SI20-10B	4305-2235 R3	IC-63	NO	CE-2	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Sheet 3 of 14

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SH	397	2SI8-55B1	4305-2194 R2	IC-2	NO	CE-2	VISUAL		
RR	398	2SI8-55B1	4305-2195 R1	IC-2	NO	CE-2	VISUAL		
SH	399	2SI8-55B1	4305-2196 R4	IC-2	NO	CE-2	VISUAL		
SH	405	2SI8-122RL1B	4305-2197 R2	IC-2	YES	CE-1	SURFACE		
RR	413	2SI14-14B	4305-2203 R1	IC-23	NO	CE-2	VISUAL		
RR	417	2SI14-14B	4305-2204 R1	IC-23	YES	CE-1	SURFACE		
RR	419	2SI14-14B	4305-2205 R2	IC-23	YES	CE-1	SURFACE		
RR	490	2SI14-14B	4305-2222 R2	IC-38	YES	CE-1	SURFACE		
RR	213	2SI10-15B	4305-2225 R2	IC-37	YES	CE-1	SURFACE		
RR	214	2SI10-15B	4305-2226 R1	IC-37	YES	CE-1	SURFACE		
SR	215	2SI10-15B	4305-2227 R2	IC-37	YES	CE-1	SURFACE		
SH	218	2SI10-15B	4305-2230 R3	IC-37	YES	CE-1	SURFACE		
RR	219	2SI24-2B	4305-2231 R4	IC-102	YES	CE-1	SURFACE		
RR	220	2SI24-2B	4305-2232 R3	IC-102	YES	CE-1	SURFACE		
			4305-2233 R3						
SH	231	2SI20-10A	4305-2240 R3	IC-62	NO	CE-2	VISUAL		
SH	338	2SI14-18A	4305-2296 R3	IC-64	YES	CE-1	SURFACE		
SH	339	2SI14-18A	4305-2297 R3	IC-64	YES	CE-1	SURFACE		
RR	391	2SI8-113RL1A	4305-2328 R2	IC-22	YES	CE-1	SURFACE		
RR	393	2SI8-55B1	4305-2329 R3	IC-2	NO	CE-2	VISUAL		
RR	395	2SI8-55B1	4305-2330 R2	IC-2	NO	CE-2	VISUAL		
RR	400	2SI8-55B1	4305-2331 R3	IC-2	YES	CE-1	SURFACE		
SH	401	2SI8-55B1	4305-2332 R4	IC-2	NO	CE-2	VISUAL		
RR	402	2SI8-55B1	4305-2333 R3	IC-2	YES	CE-1	SURFACE		
RR	403	2SI8-122RL1B	4305-2334 R2	IC-2	NO	CE-2	VISUAL		
RR	404	2SI8-122RL1B	4305-2335 R2	IC-2	NO	CE-2	VISUAL		
			4305-2336 R2						
SH	406	2SI8-113RL1A	4305-2337 R3	IC-22	YES	CE-1	SURFACE		
RR	414	2SI14-14B	4305-2341 R2	IC-23	YES	CE-1	SURFACE		
RR	415	2SI14-14B	4305-2342 R3	IC-23	NO	CE-2	VISUAL		
RR	416	2SI14-14B	4305-2343 R1	IC-23	NO	CE-2	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Sheet 4 of 14

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SR	418	2SI14-14B	4305-2344 R3	IC-23	YES	CE-1	SURFACE		
RR	420	2SI14-14B	4305-2345 R5 4305-2346 R5	IC-23	NO	CE-2	VISUAL		
SH	423	2SI14-14B	4305-2347 R2	IC-23	NO	CE-2	VISUAL		
SR	424	2SI14-14B	4305-2348 R4	IC-23	YES	CE-1	SURFACE		
A	461	2SI14-13A	4305-2374 R7	IC-48	YES	CE-1	SURFACE		
RR	488	2SI14-14B	4305-2398 R3	IC-38	YES	CE-1	SURFACE		
RR	492	2SI14-14B	4305-2399 R2	IC-38	YES	CE-1	SURFACE		
SH	493	2SI14-14B	4305-2400 R3	IC-38	NO	CE-2	VISUAL		
SR	496	2SI24-2A	4305-2402 R3	IC-71	NO	CE-2	VISUAL		
RR	498	2SI24-2B	4305-2404 R2	IC-102	YES	CE-1	SURFACE		
A	718	2SI6-179B	4305-4022 R3	IC-25	YES	CE-1	SURFACE		
RR	721	2SI10-181B	4305-4025 R2	IC-25	NO	CE-2	VISUAL		
SR	722	2SI10-181B	4305-4026 R2	IC-25	NO	CE-2	VISUAL		
RR	723	2SI6-179B	4305-4027 R1	IC-25	YES	CE-1	SURFACE		
RR	724	2SI6-179B	4305-4028 R2	IC-25	NO	CE-2	VISUAL		
SH	725	3SI6-180B	4305-4029 R1	IC-25	NO	CE-2	VISUAL		
RR	726	3SI6-180B	4305-4030 R2	IC-25	YES	CE-1	SURFACE		
PR	727	3SI6-180B	4305-4031 R1	IC-25	YES	CE-1	SURFACE		
RR	728	2SI8-33A	4305-4032 R1	IC-54	NO	CE-2	VISUAL		
RR	729	2SI8-33A	4305-4033 R4	IC-54	YES	CE-1	SURFACE		
SH	730	2SI8-33A	4305-4034 R1	IC-54	NO	CE-2	VISUAL		
SH	731	2CS10-24A	4305-4035 R2	IC-54&26	NO	CE-2	VISUAL		
SR	732	2SI10-184A	4305-4036 R3	IC-54	YES	CE-1	SURFACE		
SH	733	2SI10-184A	4305-4037 R2	IC-54	YES	CE-1	SURFACE		
RR	734	2SI10-184A	4305-4038 R1	IC-54	NO	CE-2	VISUAL		
RR	735	2SI10-184A	4305-4039 R3	IC-54	NO	CE-2	VISUAL		
A	736	2SI10-182A	4305-4040 R4	IC-54	YES	CE-1	SURFACE		
SR	737	2SI10-184B	4305-4041 R2	IC-59	YES	CE-1	SURFACE		
SR	738	2SI10-15A/B	4305-4042 R3	IC-6	NO	CE-1	SURFACE		
RR	739	2SI8-33B	4305-4043 R2	IC-59	YES	CE-1	SURFACE		
RR	661	1SI8-142RL2B	4305-2884 R1	IC-16	NO	BK-2	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Sheet 5 of 14

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	749	2SI10-15A/B	4305-4054 R3	IC-34	NO	CE-2	VISUAL		
RR	751	2SI14-14A	4305-4057 R1	IC-636	NO	CE-2	VISUAL		
RR	752	2SI14-14A	4305-4058 R0	IC-636	NO	CE-2	VISUAL		
SR	753	2SI14-14A	4305-4059 R2	IC-636	YES	CE-1	SURFACE		
RR	754	2SI14-14A	4305-4060 R3	IC-636	NO	CE-2	VISUAL		
RR	755	2SI14-14A	4305-4061 R1	IC-636	YES	CE-1	SURFACE		
SR	756	2SI14-14A	4305-4062 R2	IC-636	NO	CE-2	VISUAL		
RR	757	2SI14-14A	4305-4063 R1	IC-636	NO	CE-2	VISUAL		
RR	759	2SI14-14A	4305-4065 R2	IC-636	NO	CE-2	VISUAL		
RR	760	2SI10-183A	4305-4066 R3	IC-645	YES	CE-1	SURFACE		
RR	762	2SI10-183A	4305-4068 R4	IC-645	YES	CE-1	SURFACE		
RR	763	2SI10-183A	4305-4069 R2	IC-645	YES	CE-1	SURFACE		
RR	764	2SI24-2A	4305-4070 R1	IC-71	NO	CE-2	VISUAL		
RR	765	2SI24-2A	4305-4071 R2	IC-71	YES	CE-1	SURFACE		
RR	766	2SI24-2A	4305-4072 R2	IC-71	NO	CE-2	VISUAL		
SR	767	2SI24-2A	4305-4073 R1	IC-71	NO	CE-2	VISUAL		
RR	768	2SI24-2A	4305-4074 R2	IC-71	NO	CE-2	VISUAL		
RR	769	2SI24-3B	4305-4075 R0	IC-102	NO	CE-2	VISUAL		
RR	770	2SI24-2B	4305-4076 R2	IC-102	NO	CE-2	VISUAL		
RR	776	2SI10-15B	4305-4083 R2	IC-37	NO	CE-2	VISUAL		
SH	781	2SI14-18B	4305-4088 R2	IC-23	YES	CE-1	SURFACE		
RR	782	2SI14-18B	4305-4089 R1	IC-23	YES	CE-1	SURFACE		
RR	783	2SI14-18B	4305-4090 R1	IC-23	YES	CE-1	SURFACE		
RR	785	2SI14-18B	4305-4092 R1	IC-23	NO	CE-2	VISUAL		
RR	786	2SI14-14B	4305-4093 R1	IC-23	YES	CE-1	SURFACE		
SH	787	2SI14-14B	4305-4094 R0	IC-23	NO	CE-2	VISUAL		
RR	788	2SI8-56B	4305-4095 R2	IC-23	YES	CE-1	SURFACE		
RR	789	2SI14-14B	4305-4096 R0	IC-23	NO	CE-2	VISUAL		
RR	857	2SI14-14B	4305-4739 R1	IC-23	NO	CE-2	VISUAL		
A	860	2SI10-183B	4305-4742 R1	IC-646	YES	CE-1	SURFACE		
			4305-4743 R1						
RR	8 2	2SI24-2A	4305-704 R2	IC-631	NO	CE-2	VISUAL		
RR	761	2SI10-183B	4305-4067 R0	IC-645	NO	CE-2	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SR	867	2SI10-15A	4305-4750 R2	IC-34	NO	CE-2	VISUAL		
RR	868	2SI10-15A	4305-4751 R1	IC-34	YES	CE-1	SURFACE		
RR	869	2SI10-15A	4305-4752 R1	IC-34	NO	CE-2	VISUAL		
SR	870	2SI10-15A	4305-4753 R2	IC-34	NO	CE-2	VISUAL		
RR	875	2SI10-15A/B	4305-4758 R1	IC-6	YES	CE-1	SURFACE		
SR	876	2SI10-15A/B	4305-4759 R1	IC-6	YES	CE-1	SURFACE		
RR	877	2SI10-15A/B	4305-4760 R0	IC-6	NO	CE-2	VISUAL		
RR	878	2SI10-16B	4305-4761 R0	IC-36	NO	CE-2	VISUAL		
RR	879	2SI10-16B	4305-4762 R1	IC-36	NO	CE-2	VISUAL		
RR	880	2SI10-15B	4305-4763 R1	IC-37	NO	CE-2	VISUAL		
SR	881	2SI10-15B	4305-4764 R3	IC-37	YES	CE-1	SURFACE		
RR	884	2SI10-15B	4305-4767 R3	IC-37	YES	CE-1	SURFACE		
RR	885	2SI20-10B	4305-4768 R0	IC-63	YES	CE-1	SURFACE		
RR	886	2SI20-10B	4305-4769 R2	IC-63	YES	CE-1	SURFACE		
RR	887	2SI20-10B	4305-4770 R2	IC-63	NO	CE-2	VISUAL		
SR	888	2SI20-10B	4305-4771 R4	IC-63	NO	CE-2	VISUAL		
RR	889	2SI20-10B	4305-4772 R2	IC-63	YES	CE-1	SURFACE		
RR	890	2SI20-4B	4305-4773 R1	IC-63	NO	CE-2	SURFACE		
SR	891	2SI20-4B	4305-4774 R3	IC-63	NO	CE-2	SURFACE		
RR	892	2SI14-13B	4305-4775 R1	IC-38	NO	CE-2	SURFACE		
A	893	2SI14-13B	4305-4776 R5	IC-38	YES	CE-1	SURFACE		
RR	894	2SI14-14B	4305-4777 R1	IC-38	YES	CE-1	SURFACE		
RR	920	2SI18-11A	4305-4803 R2	IC-62	NO	CE-2	VISUAL		
RR	931	2SI18-113RL1A	4305-4814 R2	IC-22	NO	CE-2	VISUAL		
RR	932	2SI8-55B1	4305-4815 R0	IC-2	NO	CE-2	VISUAL		
SH	933	3SI6-46A/B	4305-4816 R2	IC-25	NO	IWD	VISUAL		
RR	935	3SI6-48A/B	4305-4818 R0	IC-25	NO	IWD	VISUAL		
RR	936	3SI6-48A/B	4305-4819 R2	IC-25	YES	IWD	VISUAL		
SR	937	2SI8-55A2	4305-4820 R1	IC-60	NO	CE-2	VISUAL		
SR	938	2SI8-130RL2A	4305-4821 R2	IC-60	NO	CE-2	VISUAL		
RR	939	2SI8-130RL2A	4305-4822 R3	IC-60	YES	CE-1	SURFACE		
SR	883	2SI10-15B	4305-4766 R2	IC-37	YES	CE-1	SURFACE		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Sheet 7 of 14

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	941	2SI20-10A	4305-4824 R2	IC-62	NO	CE-2	VISUAL		
SH	943	2SI20-10A	4305-4826 R0	IC-62	NO	CE-2	VISUAL		
SR	944	2SI20-10A	4305-4827 R2	IC-62	NO	CE-2	VISUAL		
RR	945	2SI20-10A	4305-4828 R2	IC-62	YES	CE-1	SURFACE		
RR	946	3SI6-46A/B	4305-4829 R2	IC-25	NO	IWD	VISUAL		
RR	947	3SI6-180B	4305-4830 R3	IC-25	NO	IWD	VISUAL		
SR	961	2SI8-130RL2A	4305-4844 R3	IC-60	YES	CE-1	SURFACE		
RR	962	2SI8-55B2	4305-4845 R1	IC-88	NO	CE-2	VISUAL		
RR	963	2SI8-55B2	4305-4846 R1	IC-88	NO	CE-2	VISUAL		
RR	964	2SI8-55B2	4305-4847 R2	IC-88	YES	CE-1	SURFACE		
RR	965	2SI8-55B2	4305-4848 R1	IC-88	NO	CE-2	VISUAL		
RR	966	2SI8-55B2	4305-4849 R1	IC-88	NO	CE-2	VISUAL		
RR	968	2SI8-138RL2B	4305-4851 R3	IC-88	NO	CE-2	VISUAL		
RR	969	2SI8-138RL2B	4305-4852 R1	IC-88	YES	CE-1	SURFACE		
A	993	2SI14-14A	4305-4877 R2	IC-636	NO	CE-2	VISUAL		
RR	994	2SI14-14A	4305-4878 R2	IC-636	NO	CE-2	VISUAL		
RR	995	3SI6-180A	4305-4879 R1	IC-626	NO	IWD	VISUAL		
RR	996	3SI6-180A	4305-4880 R1	IC-626	YES	IWD	VISUAL		
RR	997	3SI6-180A	4305-4881 R2	IC-626	NO	IWD	VISUAL		
A	998	3SI6-180A	4305-4882 R2	IC-626	YES	IWD	VISUAL		
RR	999	3SI6-180A	4305-4883 R2	IC-626	NO	IWD	VISUAL		
RR	1000	3SI6-180A	4305-4884 R1	IC-626	YES	IWD	VISUAL		
RR	1001	3SI6-180A	4305-4885 R1	IC-626	NO	IWD	VISUAL		
RR	1003	2SI6-179A	4305-4887 R1	IC-625	YES	CE-1	SURFACE		
RR	1004	2SI6-179A	4305-4888 R2	IC-625	NO	CE-2	VISUAL		
RR	1005	2SI6-179A	4305-4889 R2	IC-625	YES	CE-1	SURFACE		
RR	1006	2SI10-181A	4305-4890 R2	IC-625	YES	CE-1	SURFACE		
RR	1007	2SI10-181A	4305-4891 R3	IC-625	NO	CE-2	VISUAL		
RR	1010	2SI8-55A?	4305-6639 R1	IC-60	NO	CE-2	VISUAL		
RR	1012	2SI8-55A2	4305-6640 R2	IC-60	NO	CE-2	VISUAL		
SR	94?	2SI20-10A	4305-4825 R3	IC-62	NO	CE-2	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Sheet 8 of 14

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SH	1027	3SI6-48A/B	4305-6645 R2	IC-25	YES	IWD	VISUAL		
A	1033	2SI10-184B	4305-6646 R0	IC-29	YES	CE-1	SURFACE		
RR	1038	2SI20-10A	4305-6648 R3	IC-62	NO	CE-2	VISUAL		
A	1009	2SI8-56B	4305-6742 R2	IC-23	YES	CE-1	SURFACE		
RR	1011	2SI14-18A	4305-6743 R2	IC-64	NO	CE-2	VISUAL		
A	1016	3SI6-48A/B	4305-6745 R1	IC-78	YES	IWD	VISUAL		
RR	1018	2SI14-18B	4305-6747 R2	IC-23	YES	CE-1	SURFACE		
SH	1020	2SI10-183B	4305-6749 R1	IC-646	NO	CE-2	VISUAL		
SH	1021	2SI10-183A	4305-6750 R1	IC-645	YES	CE-1	SURFACE		
SH	1030	2SI10-16B	4305-6757 R2	IC-36	YES	CE-1	SURFACE		
SR	1031	2SI8-55B1	4305-6758 R3	IC-2	NO	CE-2	VISUAL		
RR	1032	2SI8-55A	4305-6759 R3	IC-22	NO	CE-2	VISUAL		
RR	1034	2SI8-33A	4305-6760 R2	IC-54	YES	CE-1	SURFACE		
SR	1413	2SI20-10A	4305-9813 R0	IC-62	NO	CE-2	VISUAL		
SH	1414	2SI10-15A	4305-9814 R0	IC-34	NO	CE-2	VISUAL		
SH	1415	2SI10-15B	4305-9815 R0	IC-37	NO	CE-2	VISUAL		
RR	1416	2SI10-15B	4305-9816 R0	IC-37	YES	CE-1	SURFACE		
RR	1420	2SI14-14A	4305-9820 R1	IC-636	YES	CE-1	SURFACE		
RR	1421	2SI14-14A	4305-9821 R0	IC-636	NO	CE-2	VISUAL		
RR	680	1SI12-119RL1A	4305-9855 R0	IC-53	NO	BK-2	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	703	2SI10-15A/B	4305-4007 R3	IC-6	NO	CE-2	VISUAL		
SR	704	2SI10-15A/B	4305-4008 R2	IC-6	YES	CE-1	SURFACE		
SH	705	2SI10-15A/B	4305-4009 R3	IC-6	YES	CE-1	SURFACE		
RR	706	2SI8-33B	4305-4010 R2	IC-59	YES	CE-1	SURFACE		
SR	707	2SI10-183B	4305-4011 R4	IC-646	NO	CE-2	VISUAL		
RR	708	2SI10-183B	4305-4012 R1	IC-646	NO	CE-2	VISUAL		
RR	709	2SI10-183B	4305-4013 R1	IC-646	NO	CE-2	VISUAL		
RR	710	2SI10-183B	4305-4014 R1	IC-646	NO	CE-2	VISUAL		
SR	711	2SI10-183B	4305-4015 R3	IC-646	YES	CE-1	SURFACE		
RR	712	2SI10-183B	4305-4016 R2	IC-646	YES	CE-1	SURFACE		
RR	713	2SI10-183B	4305-4017 R0	IC-646	YES	CE-1	SURFACE		
RR	714	2SI10-183B	4305-4018 R0	IC-646	YES	CE-1	SURFACE		
RR	715	2SI10-183B	4305-4019 R2	IC-646	NO	CE-2	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Sheet 10 of 14

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	622	1SI8 -126RL1B	8469-871 R2	IC-1123	NO	BK-2	VISUAL		
RR	623	1SI8 -126RL1B	8469-872 R2	IC-1123	NO	BK-2	VISUAL		
RR	627	1SI3 -125RL1B	8469-874 R1	IC-1	NO	BK-2	VISUAL		
RR	629	1SI3 -125RL1B	8469-875 R2	IC-1	NO	BK-2	VISUAL		
RR	632	2SI12 -129TK1B	8469-877 R2	IC-1124	YES	CE-1	SURFACE		
RR	644	1SI12 -144TK2B	8469-888 R0	IC-16	NO	BK-2	VISUAL		
RR	645	2SI12 -145TK2B	8469-889 R0	IC-16	NO	CE-2	VISUAL		
RR	648	1SI12 -143RL2B	8469-892 R2	IC-16	NO	BK-2	VISUAL		
RR	649	1SI12 -143RL2B	8469-893 R1	IC-16	NO	BK-2	VISUAL		
RR	658	1SI8 -142RL2B	8469-895 R1	IC-16	NO	BK-2	VISUAL		
RR	660	1SI8 -142RL2B	8469-896 R2	IC-16	NO	BK-2	VISUAL		
RR	661	1SI8 -142RL2B	8469-898 R1	IC-16	NO	BK-2	VISUAL		
RR	662	1SI8 -142RL2B	8469-900 R2	IC-16	NO	BK-2	VISUAL		
RR	663	1SI8 -142RL2B	8469-901 R1	IC-16	NO	BK-2	VISUAL		
SH	665	1SI3 -141RL2B	8469-902 R2	IC-16	NO	BK-2	VISUAL		
RR	666	1SI3 -141RL2B	8469-904 R2	IC-16	NO	BK-2	VISUAL		
RR	677	1SI12 -119RL1A	8469-905 R3	IC-53	NO	BK-2	VISUAL		
RR	680	1SI12 -119RL1A	8469-907 R1	IC-53	NO	BK-2	VISUAL		
RR	681	1SI12 -120TK1A	8469-908 R0	IC-53	NO	BK-2	VISUAL		
RR	684	1SI8 -118RL1A	8469-909 R2	IC-21	NO	BK-2	VISUAL		
SH	687	1SI8 -118RL1A	8469-910 R1	IC-21	NO	BK-2	VISUAL		
RR	688	1SI8 -118RL1A	8469-911 R0	IC-21	NO	BK-2	VISUAL		
SR	689	1SI8 -118RL1A	8469-912 R0	IC-21	NO	BK-2	VISUAL		
RR	690	1SI8 -118RL1A	8469-913 R2	IC-21	NO	BK-2	VISUAL		
RR	691	1SI3 -117RL1A	8469-914 R1	IC-146	NO	BK-2	VISUAL		
RR	693	1SI3 -117RL1A	8469-915 R1	IC-146	NO	BK-2	VISUAL		
SR	542	1SI8 -134RL2A	8469-866 R2	IC-1122	NO	BK-2	VISUAL		
RR	543	1SI8 -134RL2A	8469-868 R2	IC-1122	NO	BK-2	VISUAL		
RR	546	1SI3 -133RL2A	8469-870 R1	IC-19	NO	BK-2	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Sheet 11 of 14

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1130	1SI8 -126RL1B	8469-1254 R1	IC-1123	NO	BK-2	VISUAL		
SR	1133	1SI8 -126RL1B	8469-1255 R2	IC-1123	NO	BK-2	VISUAL		
RR	1134	1SI8 -126RL1B	8469-1256 R1	IC-1123	NO	BK-2	VISUAL		
SH	1135	1SI8 -126RL1B	8469-1257 R3	IC-1123	YES	BK-1	VOLUMETRIC		
RR	1137	1SI12 -127RL1B	8469-1259 R1	IC-1124	NO	BK-2	VISUAL		
SR	1138	1SI12 -127RL1B	8469-1261 R2	IC-1124	NO	BK-2	VISUAL		
RR	1139	1SI12 -127RL1B	8469-1262 R2	IC-1124	NO	BK-2	VISUAL		
RR	1140	1SI12 -127RL1B	8469-1263 R3	IC-1124	NO	BK-2	VISUAL		
RR	1181	1SI12 -127RL1B	8469-1264 R3	IC-1124	NO	BK-2	VISUAL		
SR	1182	1SI12 -127RL1B	8469-1265 R2	IC-1124	NO	BK-2	VISUAL		
A	1259	2SI8 -122RL1B	8469-1268 R4	IC-1123	NO	CE-2			
RR	1269	2SI8 -122RL1B	8469-1269 R2	IC-1123	NO	CE-2	VISUAL		
RR	1270	1SI8 -126RL1B	8469-1270 R1	IC-1123	NO	BK-2	VISUAL		
RR	1131	1SI8 -126RL1B	8469-1283 R1	IC-1123	NO	BK-2	VISUAL		
A	1166	2SI12 -145TK2B	8469-1346 R2	IC-16	NO	CE-2	VISUAL		
RR	1167	2SI12 -145TK2B	8496-1347 R2	IC-16	NO	CE-2	VISUAL		
SR	1168	1SI3 -141RL2B	8469-1348 R2	IC-16	NO	BK-2	VISUAL		
RR	1169	1SI3 -141RL2B	8469-1349 R2	IC-16	NO	BK-2	VISUAL		
RR	1170	1SI3 -141RL2B	8469-1350 R1	IC-16	NO	BK-2	VISUAL		
RR	1171	1SI3 -141RL2B	8459-1351 R1	IC-16	NO	BK-2	VISUAL		
SR	1136	1SI12 -127RL1B	8469-1258 R2	IC-1124	NO	BK-2	VISUAL		

Date: _____
Revision: _____

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
A	1221		8469-1352 R1						EBASCO VERIFY
RR	1242	1SI8 -118RL1A	8469-1363 R2	IC-21	NO	BK-2	VISUAL		
SR	1243	1SI8 -118RL1A	8469-1364 R2	IC-21	NO	BK-2	VISUAL		
RR	1271	1SI3 -141RL2B	8469-1271 R2	IC-16	NO	BK-2	VISUAL		
RR	1280	1SI12 -144TK2B	8469-1367 R2	IC-16	NO	BK-2	VISUAL		
RR	1281	1SI8 -142RL2b	8469-1368 R3	IC-16	NO	BK-2	VISUAL		
RR	1282	1SI8 -142RL2B	8469-1369 R2	IC-16	NO	BK-2	VISUAL		
RR	1283	1SI3 -141RL2B	8469-1370 R2	IC-16	NO	BK-2	VISUAL		
RR	1284	1SI3 -141RL2B	8469-1371 R2	IC-16	NO	BK-2	VISUAL		
RR	1285	1SI8 -142RL2B	8469-1372 R3	IC-16	NO	BK-2	VISUAL		
SR	1193	1SI3 -214	8469-1414 R2	IC-877	NO	BK-2	VISUAL		
RR	1191	1SI3 -214	8469-1415 R2	IC-827	NO	BK-2	VISUAL		
SR	1190	1SI3 -214	8469-1416 R3	IC-877	NO	BK-2	VISUAL		
SR	1189	1SI3 -214	8469-1417 R2	IC-877	NO	BK-2	VISUAL		
SR	1188	1SI3 -214	8469-1418 R2	IC-877	NO	BK-2	VISUAL		
SR	1187	1SI3 -214	8469-1419 R2	IC-877	NO	BK-2	VISUAL		
RR	1186	1SI3 -214	8469-1420 R1	IC-877	NO	BK-2	VISUAL		
RR	1185	1SI3 -214	8469-1421 R2	IC-877	NO	BK-2	VISUAL		
RR	1184	1SI3 -214	8469-1422 R2	IC-877	NO	BK-2	VISUAL		
SH	1175	1SI14 -146B	8469-1424 R2	IC-5	NO	BK-2	VISUAL		
SR	1157	1SI14 -146A	8469-1431 R2	IC-89	NO	BK-2	VISUAL		
RR	1156	1SI14 -18A	8469-1432 R3	IC-89	NO	BK-2	VISUAL		

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
RR	1155	1SI3 -215	8469-1433 R2	IC-1130	NO	BK-2	VISUAL		
SR	1151	2SI14 -18A	8469-1434 R2	IC-89	NO	CE-2	VISUAL		
RR	1123	2SI14 -18A	8469-1436 R2	IC-89	YES	CE-1	SURFACE		
RR	1122	2SI14 -18A	8469-1437 R3	IC-89	NO	CE-2	VISUAL		
RR	1343	1SI3 -214	8469-1443 R1	IC-877	NO	BK-2	VISUAL		
RR	1335	2SI14 -18B	8469-1452 R3	IC-5	YES	CE-2	VISUAL		
RR	1334	2SI14 -18B	8469-1453 R2	IC-5	NO	CE-1	SURFACE		
SR	1268	1SI3 -215	8469-1454 R3	IC-1130	NO	BK-2	VISUAL		
SR	1267	1SI14 -146B	8469-1455 R3	IC-5	NO	BK-2	VISUAL		
RR	1263	1SI3 -214	8469-1460 R2	IC-877	NO	BK-2	VISUAL		
RR	1262	1SI3 -214	8469-1461 R2	IC-877	NO	BK-2	VISUAL		
RR	1261	1SI3 -214	8469-1462 R1	IC-877	NO	BK-2	VISUAL		
SH	1232	1SI3 -215	8469-1663 R1	IC-1130	NO	BK-2	VISUAL		
SH	1231	1SI3 -215	8469-1464 R1	IC-1130	NO	BK-2	VISUAL		
RR	1230	1SI3 -215	8469-1465 R2	IC-1130	NO	BK-2	VISUAL		
RR	1229	1SI3 -215	8469-1466 R1	IC-1130	NO	BK-2	VISUAL		
SR	1220	1SI3 -215	8469-1467 R1	IC-1130	NO	BK-2	VISUAL		
SR	1218	1SI3 -215	8469-1468 R2	IC-1130	NO	BK-2	VISUAL		
SR	1217	1SI3 -215	8469-1469 R4	IC-1130	NO	BK-2	VISUAL		
RR	1216	1SI3 -215	8469-1470 R2	IC-1130	NO	BK-2	VISUAL		
RR	1215	1SI3 -215	8469-1471 R2	IC-1130	NO	BK-2	VISUAL		
RR	1213	1SI3 -215	8469-1473 R1	IC-1130	NO	BK-2	VISUAL		
RR	1212	1SI3 -215	8469-1474 R2	IC-1130	NO	BK-2	VISUAL		
RR	1211	1SI3 -215	8469-1475 R4	IC-1130	NO	BK-2	VISUAL		
RR	1210	1SI3 -215	8469-1476 R2	IC-1130	NO	BK-2	VISUAL		
RR	1209	1SI3 -215	8469-1477 R1	IC-1130	NO	BK-2	VISUAL		
SR	1208	1SI3 -215	8469-1478 R1	IC-1130	NO	BK-2	VISUAL		
SR	1207	1SI3 -215	8469-1479 R1	IC-1130	NO	BK-2	VISUAL		
RR	1206	1SI3 -215	8469-1480 R1	IC-1130	NO	BK-2	VISUAL		
RR	1205	1SI3 -215	8469-1481 R2	IC-1130	NO	BK-2	VISUAL		
RR	1204	1SI3 -215	8469-1482 R1	IC-1130	NO	BK-2	VISUAL		

SAFETY INJECTION SYSTEM
LIST OF HANGERS FOR ISI

Support		Line Number	Hanger Dwg Number	ISO Number	Pipe Welded Attach	Examination Category	Examination Method	Procedure Number	Remarks
Type	Number								
SR	1219	1SI3 -215	8469-1491 R2	IC-1130	NO	BK-2	VISUAL		
RR	1192	1SI3 -214	8469-1492 R2	IC-877	NO	BK-2	VISUAL		
RR	1183	1SI3 -214	8469-1493 R2	IC-877	NO	BK-2	VISUAL		
RR	1240	1SI3 -134RL2A	8469-1494 R1	IC-1122	NO	BK-2	VISUAL		
RR	1144	1SI12 -135RL2A	8469-1497 R2	IC-20	NO	BK-2	VISUAL		
SR	1143	1SI12 -135RL2A	8469-1498 R1	IC-20	NO	BK-2	VISUAL		
SR	1142	1SI12 -135RL2A	8469-1499 R2	IC-1122	NO	BK-2	VISUAL		
RR	1141	1SI12 -135RL2A	8469-1500 R2	IC-1122	NO	BK-2	VISUAL		
SR	1145	1SI12 -135RL2A	8469-1501 R3	IC-20	NO	BK-2	VISUAL		
RR	1146	1SI12 -135RL1A	8469-1502 R2	IC-20	NO	BK-2	VISUAL		
RR	1147	1SI8 -134RL2A	8469-1503 R1	IC-1122	NO	BK-2	VISUAL		
RR	1148	1SI8 -134RL2A	8469-1504 R2	IC-1122	NO	BK-2	VISUAL		
SR	1149	1SI8 -134RL2A	8469-1505 R1	IC-1122	NO	BK-2	VISUAL		
SH	1150	1SI8 -134RL2A	8469-1506 R3	IC-1122	NO	BK-2	VISUAL		
SR	1152	1SI3 -133RL2A	8469-1507 R1	IC-19	NO	BK-2	VISUAL		
RR	1153	1SI3 -133RL2A	8469-1508 R4	IC-19	NO	BK-2	VISUAL		
RR	1154	1SI3 -133RL2A	8469-1509 R4	IC-19	NO	BK-2	VISUAL		
SH	1235	1SI12 -135RL2A	8469-1510 R2	IC-20	NO	BK-2	VISUAL		
RR	1236	1SI12 -135RL2A	8469-1511 R2	IC-1122	NO	BK-2	VISUAL		
SH	1239	1SI8 -134RL2A	8469-1514 R1	IC-1122	NO	BK-2	VISUAL		
RR	1246	2SI8 -130RL2A	8469-1516 R2	IC-1122	YES	CE-1	SURFACE		
RR	1237	1SI3 -132RL2A	8469-1512 R2	IC-19	NO	BK-2	VISUAL		
SR	1352	1SI4 -91A	8469-2459 R1	IC-	NO	BK-2	VISUAL		
SR	1353	1SI3 -215	8469-2460 R1	IC-1130	NO	BK-2	VISUAL		

Date: _____
Revision: _____

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD S.E.S. UNIT NO 3

INSERVICE INSPECTION
 VALVE LIST

NO.		DATE		REVISION		BY	CH	APPROVED
EBASCO SERVICES INCORPORATED NEW YORK				LOUISIANA POWER & LIGHT CO. WATERFORD SES UNIT NO. 3 1977 1165MW INSTALLATION				DWG NO. LOU 1564-212
DIV	MNE	DR	V.T.	APPROVED				
CH	John Jay			[Signature]				
DATE	03/27/81							(COVER)

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

INSERVICE INSPECTION

VALVE LIST

TABLE OF CONTENTS

	<u>Pages</u>
1. References	i
2. Abbreviations	ii
3. Legend for Valve Testing	iii
4. Exceptions or Clarifications	iv
5. Station Air System	1-1
6. Instrument Air System	2-2
7. Plant Fire Protection System	3-3
8. Blowdown System	4-4
9. Sampling System	5-5
10. Demineralized Water System	6-6
11. Emergency Diesel System	7-7
12. Fuel Pool System	8-8
13. Containment Spray System	9-10
14. Feedwater System	11-12
15. Reactor Coolant System	13-13
16. Waste Management System	14-14
17. Main Steam System	15-16

	<u>Pages</u>
18. Auxiliary Component Cooling Water System	17-17
19. Boron Management System	18-18
20. Nitrogen Gas System	19-20
21. Component Cooling Water System	21-25
22. Chemical & Volume Control System	26-27
23. Safety Injection System	28-35A
24. Chilled Water System	36-36
25. Containment Air System	37-37
26. Air Conditioning System	38-41
27. Hydrogen Analyzer System	42-43

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

INSERVICE INSPECTION

VALVE LIST

REFERENCES:

1. ASME Code, Section XI
Rules for Inservice Inspection of Nuclear Power Plant Components
Division 1, 1977 Edition through and including 1978 summer addenda.
2. Balance of Plant Valves and Specialties List, Rev 6
3. Nuclear Valves and Specialties List, Rev 5
4. Ebasco Flow Diagrams G-151 through G-175
5. FSAR, Table 6.2-32

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

INSERVICE INSPECTION

VALVE LIST

ABBREVIATIONS

VALVE TYPES

BTLY - BUTTERFLY

CH - CHECK

GL - GLOBE

GA - GATE

DP - DIAPHRAGM

REL - RELIEF

MDP - METAL DIAPHRAGM

P-CH - PISTON CHECK

ANG - ANGLE

STP CH GL - STOP CHECK GLOBE

EX FL CH - EXCESS FLOW CHECK

STP CH - STOP CHECK

ACTUATOR TYPES

GR - GEAR

H - HANDLE

DP - DIAPHRAGM

P - PISTON

SO - SOLENOID

SP - SPRING

M - MOTOR

HP - HYDRAULIC-PNEUMATIC

L - LEVER

LEGEND FOR VALVE TESTING

- Q - Exercise valve (full stroke) for operability every (3) months
- LT - Valves are leak tested per Section XI Article IWV-3420
- MT - Stroke time measurements are taken and compared to the stroke time limiting value per Section XI Article IWV 3410
- CV - Exercise check valves to the position required to fulfill their function every (3) months
- SRV- Safety and relief valves are tested per Section XI Article IWV-3510
- DT - Test category D valves per Section XI Article IWV-3600
- CS - Exercise valve for operability every cold shutdown
- RR - Exercise valve for operability every reactor refueling

Exceptions or Clarifications

1. Exercising and leak testing will be performed once a year, prior to unit start-up at reduced pressure.
2. Exercising and leak testing will be performed once a year prior to unit start-up. Leak rate will be measured by rise in water level in the Safety Injection Tank.
3. Exercising and leak testing will be performed once a year prior to unit start-up at full pressure.
4. Leak testing performed at reduced pressure.

Note: Provisions have been made for part stroke exercising of Class 1 check valves in the SIS and RHR Systems during normal operation. However, it is considered that probable system upset during part stroke exercising may do more damage than benefit of partial exercising. Accordingly, exception from ASME section XI requirements has been requested to exercise these valves only during refuelling.

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: STATION AIR - SA

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Close	Open	Stroke Time, Max	Remarks	Revision
			A	B	C	D														
V114	2	G-164, Sh.1 M-12	X				10	GA	CR	-	-	-	75	LC						
V115	2	G-164, Sh.1 M-12	X				10	GA	GR	-	-	-	75	LC						
601A/B	2	G-157, Sh.2 E-12	X				2	GA	H	-	-	-	15	LC						
V602	2	G-157, Sh.2 D-12	X		X		2	CH	-	-	-	-	15	-						
V609	2	G-164, Sh.1 M-14	X				1	GL	H	-	-	-	7.5	LC						
V610	2	G-164, Sh.1 M-14	X				1	GL	H	-	-	-	7.5	LC						
V611	2	G-164, Sh.1 M-14	X				1	GL	H	-	-	-	7.5	LC						
V612	2	G-164, Sh.1 M-14	X				1	CL	H	-	-	-	7.5	LC						

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: INSTRUMENT AIR - IA

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
601A/B	2	G-157, Sh. 1 D-12	X				GL	DP	FC	Q,LT, MT	-	-	15	0	5				
602A/B	2	D-12	X		X		CA	-	-	CV,LT	-	-	15	0					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: PLANT FIRE PROTECTION - FP

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
127	2	G-161, Sh, F-3	X				3	GL	DP	FC	Q,LT, MT	-	22.5	0	10				
128	2	F-3	X		X		3	CH	-	-	LT,CV	-	22.5	C					
129	2	F-6	X				3	GL	DP	FC	Q,LT, MT	-	22.5	0	10				
130	2	F-6	X		X		3	CH	-	-	LT,CV	-	22.5	C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: BLOWDOWN - BD

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
F604	2	E-1		X			4	P	FC	Q,MT	-	-	-	0	10				
F606	2	E-3		X			4	P	FC	Q,MT	-	-	-	0	10				

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: SAMPLING - SL

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
601	2	F-1		X			1/2	GL	DP	FC	Q, MT	-	-	0	5				
602	2	F-1		X			1/2	GL	DP	FC	Q, MT	-	-	0	5				
603	2	F-4		X			1/2	GL	DP	FC	Q, MT	-	-	0	5				
604	2	F-4		X			1/2	GL	DP	FC	Q, MT	-	-	0	5				
F1501 A/B	2	B-5				X	1/2	GL	DP	FC	Q, LT, MT	-	-	0	10				
F1502 A/B	2	B-5		X			1/2	GL	DP	FC	Q, LT, MT	-	-	0	10				
F1503 A/B	2	B-5		X			1/2	GL	DP	FC	Q, LT, MT	-	-	0	10				
F1504 A/B	2	B-6		X			1/2	GL	DP	FC	Q, LT, MT	-	-	0	10				
F1505 A/B	2	B-6		X			1/2	GL	DP	FC	Q, LT, MT	-	-	0	10				
F1506 A/B	2	B-6		X			1/2	GL	DP	FC	Q, LT, MT	-	-	0	10				

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: DEMINERALIZED WATER - DW

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Close	Open	Stroke Time, Max	Remarks	Revision
			A	B	C	D														
609A/B	2	G-161, Sh 2	X				2	GL	H	-	-	-	15	LC						
610	2	E-15	X		X		2	CH	-	-	-	-	15	C						
642	2	E-12	X				1.5	GL	H	-	-	-	11.5	LC						
643	2	E-12	X		X		1.5	CH	-	-	-	-	11.5	C						

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: EMERGENCY DIESEL - EG

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Close	Stroke Time, Max	Remarks	Revision
			A	B	C	D													
601A	3	G-164, Sh 1 J-4		X	X		2	CH						C					
602B	3	M-4		X	X		2	CH		CV				C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: FUEL POOL - FS

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Close	Open	Stroke Time, Max	Remarks	Revision
			A	B	C	D														
144A/B	2	G-163, H-14	X				3	GA	H	-	-	-	22.5	LC						
145A/B	2	G-163, H-13	X				3	GA	H	-	-	-	22.5	LC						
146	2	G-175, Sh 3 J-15	X				36	GA	GR	-	-	-	270	C						
164A/B	2	G-163, I-14	X				6	DP	H	-	-	-	45	LC						
165A/B	2	G-163, I-13	X				6	DP	H	-	-	-	45	LC						

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: CONTAINMENT SPRAY - C

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Close Stroke	Open Stroke, Max	Remarks	Revision
			A	B	C	D													
103A	2	G-13		X	X		10	CH	-	CV	-	-	-	C					
104B	2	F-13		X	X		10	CH	-	CV	-	-	-	C					
301A	2	J-5		X	X		10	STP CH GL	-	GR	-	-	-	C					
302B	2	F-5		X	X		10	STP CH GL	-	GR	-	-	-	C					
303A	2	K-9		X	X		10	STP CH GL	GR	CV	-	-	-	C					
304B	2	G-9		X	X		10	STP CH GL	GR	CV	-	-	-	C					
305A	2	G-13		X	X		10	GA	P	FO Q,MT	-	-	-	C		10			
306B	2	F-13		X	X		10	GA	P	FO Q,MT	-	-	-	C		10			
608A	2	H-14		X	X		1/2	GL	SO	FC Q	-	-	-	C					
609B	2	F-14		X	X		1/2	GL	SO	FC Q	-	-	-	C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: CONTAINMENT SPRAY - CS

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Close Stroke	Open Time, Max	Remarks	Revision
			A	B	C	D													
611-1	2	G-163 I-5		X	X		2	CH	-	CV	-	-	-	C					
611-2	2	G-5		X	X		2	CH	-	CV	-	-	-	C					
1501A	2	I-5		X	X		2	STP CH	-	CV	-	-	-	C					
1502B	2	G-5		X	X		2	STP CH	-	CV	-	-	-	C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: FEEDWATER - FW

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
601A	3	G-13		X	X		4	CH	-	CV	-	-	-	C					
602B	3	G-16		X	X		4	CH	-	CV	-	-	-	C					
603A/B	3	G-15		X	X		6	CH	-	CV	-	-	-	C					
821A	2	B-13		X	X		20	CH	-	CS	-	-	-	0					
822B	2	D-15		X	X		20	CH	-	CS	-	-	-	0					
823A	2	B-14		X	X		20	GA	P	FAI Q,CS, MT	-	-	-	0	5		Exercising: Part Stroke during normal operation Full Stroke during cold Shutdown		
824B	2	D-15		X	X		20	GA	P	FAI Q,CS, MT	-	-	-	0	5				
825A	2	B-17		X	X		20	CH	-	CS	-	-	-	0					
826B	2	D-17		X	X		20	CH	-	CS	-	-	-	0					
847B	2	B-14		X	X		4	GL	DP	FO	-	-	-	C					
848A	2	B-15		X	X		4	GL	DP	FO	-	-	-	C					
849A	2	D-15		X	X		4	GL	DP	FO	-	-	-	C					
850B	2	D-16		X	X		4	GL	DP	FO	-	-	-	C					
851B	2	C-15		X	X		4	GL	DP	FO	-	-	-	C					
852A	2	C-14		X	X		4	GL	DP	FO	-	-	-	C					
853A	2	D-16		X	X		4	GL	DP	FO	-	-	-	C					
854B	2	D-15		X	X		4	GL	DP	FO	-	-	-	C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: FEEDWATER - FW

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCP/Day	Normal Position	Close	Stroke Time, Max	Remarks	Revision
			A	B	C	D													
1507-1	3	G-153, Sh 2 I-17		X	X		1	CH	-	CV	-	-	-	C					
1507-2	3	I-12		X	X		1	CH	-	CV	-	-	-	C					
1517	3	I-16		X	X		1.5	CH	-	CV	-	-	-	C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: REACTOR COOLANT - RC

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
1503A	1	G-172		X	X		3 x 8 REL	-	-	SRV			-	-					
1504B	1	H-6		X	X		3 x 8 REL	-	-	SRV			-	-					
E2557A		J-7				X	1 SO	SO	FC	Q,LT			1.0gpm	C					
E2558B		J-8				X	1 SO	SO	FC	Q,LT			1.0gpm	C					
E2559A		F-7				X	1 SO	SO	FC	Q,LT			1.0gpm	C					
E2560B		E-7				X	1 SO	SO	FC	Q,LT			1.0gpm	C					
E2561A		F-8				X	1 SO	SO	FC	Q,LT			1.0gpm	C					
E2562B		E-8				X	1 SO	SO	FC	Q,LT			1.0gpm	C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: WASTE MANAGEMENT - WM

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
104A/B	2	G-173 D-10	X				1 1/2	DP	FC	Q, LT, MT	-	-	11.25	0	7				
105A/B	2	E-10	X				1 1/2	DP	FC	Q, LT, MT	-	-	11.25	0	7				
157A/B	2	G-170, Sh 2 F-7	X				1	DP	FC	Q, LT, MT	-	-	7.5	0	7				
158A/B	2	F-7	X				1	DP	FC	Q, LT, MT	-	-	7.5	0	7				

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: MAIN STEAM - MS

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
V602A	2	G-165, Sh 3		X			40	GA	P	FC	Q, CS, MT	-	-	0	3		Exercising: Part Stroke during normal operation. Full Stroke during cold		
V604B	2	I-8		X			40	GA	P	FC	Q, CS, MT	-	-	0	3				
V611A	2	F-6		X			6	GA	P	FO	Q	-	-	C					
V612B	2	K-8		X			6	GA	P	FO	Q	-	-	C					
R613A	2	C-3		X	X		8x10	REL	-	-	SRV	-	-	-					
R614A	2	C-5		X	X		8x10	REL	-	-	SRV	-	-	-					
R615A	2	C-5		X	X		8x10	REL	-	-	SRV	-	-	-					
R616A	2	C-5		X	X		8x10	REL	-	-	SRV	-	-	-					
R617A	2	C-6		X	X		8x10	REL	-	-	SRV	-	-	-					
R618A	2	C-7		X	X		8x10	REL	-	-	SRV	-	-	-					
R619B	2	H-3		X	X		8x10	REL	-	-	SRV	-	-	-					
R620B	2	H-4		X	X		8x10	REL	-	-	SRV	-	-	-					
R621B	2	H-5		X	X		8x10	REL	-	-	SRV	-	-	-					
R622B	2	H-5		X	X		8x10	REL	-	-	SRV	-	-	-					
R623B	2	G-151, Sh 1 H-6		X	X		8x10	REL	-	-	SRV	-	-	-					
R624B	2	H-7		X	X		8x10	REL	-	-	SRV	-	-	-					

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: MAIN STEAM - MS

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
P629A	2	G-151, Sh 1		X			8	ANG	P	FC	CS	-	-	C					
P630B	2	C-8		X			8	ANG	P	FC	CS	-	-	C					
V663	2	H-8																	
V664	2	G-165, Sh 3		X			2	GL	M	-	Q	-	-	0					
V670	2	F-14		X			2	GL	M	-	Q	-	-	C					
V671	2	G-14		X			2	GL	M	-	Q	-	-	0					
V676A	3	C-1		X			2	GL	M	-	Q	-	-	C					
V677B	3	C-17		X			2	GL	M	-	Q	-	-	C					
V684	3	G-151, Sh 1					6	CH	-	-	CV	-	-	C					
V685	3	F-6		X	X		6	CH	-	-	CV	-	-	C					
F714	2	K-7		X	X		6	CH	-	-	CV	-	-	C					
F715	2	G-165, Sh 3		X			2	GL	M	-	Q	-	-	0					
		J-2		X			2	GL	M	-	Q	-	-	C					
		K-2		X			2	GL	M	-	Q	-	-	0					
		G-151, Sh. 1		X			1	GL	DP	FC	Q, MT	-	-	0		5			
		D-5		X			1	GL	DP	FC	Q, MT	-	-	0		5			
		I-5		X			1	GL	DP	FC	Q, MT	-	-	0					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: AUXILIARY COMPONENT COOLING WATER - CC

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
276A	3	G-160, Sh 2		X			6	BFLY	FAI	Q				C					
277B	3	K-2		X			6	BFLY	FAI	Q				C					
278A	3	K-4		X			6	BFLY	FAI	Q				C					
279B	3	N-1		X			6	BFLY	FAI	Q				C					
280A	3	N-1		X			6	CH	-	CV				C					
281B	3	K-2		X	X		6	CH	-	CV				C					
282A	3	K-4		X	X		6	CH	-	CV				C					
283B	3	N-1		X	X		6	CH	-	CV				C					
286A	3	N-1		X	X		6	CH	-	CV				C					
287B	3	F-3		X	X		16	CH	-	CV				C					
287B	3	F-15		X	X		16	CH	-	CV				C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: BORON MANAGEMENT - BM

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
108A/B	2	G-171, Sh 1 F-7	X				3	DP	FC	Q, LT, MT	-	-	22.5	0	7				
109A/B	2	F-6	X				3	DP	FC	Q, LT, MT	-	-	22.5	0	7				

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: NITROGEN GAS - NG

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
V668-1	3	G-166, Sh 2 E-5		X	X		1	CH	-	CV	-	-	-	0					
V668-2	3	E-5		X	X		1	CH	-	CV	-	-	-	0					
V668-3	3	E-5		X	X		1	CH	-	CV	-	-	-	0					
V668-4	3	E-5		X	X		1	CH	-	CV	-	-	-	0					
V668-5	3	E-5		X	X		1	CH	-	CV	-	-	-	0					
V668-6	3	E-5		X	X		1	CH	-	CV	-	-	-	0					
V668-7	3	E-5		X	X		1	CH	-	CV	-	-	-	0					
V668-8	3	E-5		X	X		1	CH	-	CV	-	-	-	0					
E671-1	3	E-7		X	X		1	GL	SO	FO	-	-	-	C					
E671-2	3	E-7		X	X		1	GL	SO	FO	-	-	-	C					
E671-3	3	E-7		X	X		1	GL	SO	FO	-	-	-	C					
E671-4	3	E-7		X	X		1	GL	SO	FO	-	-	-	C					
E671-5	3	E-7		X	X		1	GL	SO	FO	-	-	-	C					
E671-6	3	E-7		X	X		1	GL	SO	FO	-	-	-	C					
E671-7	3	E-7		X	X		1	GL	SO	FO	-	-	-	C					
E671-8	3	E-7		X	X		1	GL	SO	FO	-	-	-	C					
V673-1	3	E-8		X	X	X	1	CH	-	CV	-	-	-	C					
V673-2	3	E-8		X	X		1	CH	-	CV	-	-	-	C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: NITROGEN GAS - NG

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Close Stroke	Open Stroke	Time, Max	Remarks	Revision
			A	B	C	D														
V673-3	3	G-166, Sh 2		X	X		1	CH	-	CV	-	-	-	C						
V673-4	3	E-8		X	X		1	CH	-	CV	-	-	-	C						
V673-5	3	E-8		X	X		1	CH	-	CV	-	-	-	C						
V673-6	3	E-8		X	X		1	CH	-	CV	-	-	-	C						
V673-7	3	E-8		X	X		1	CH	-	CV	-	-	-	C						
V673-8	3	E-8		X	X		1	CH	-	CV	-	-	-	C						

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: COMPONENT COOLING WTR - CC

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
		G-160, Sh 2																	
101A	3	G-9		X	X		20	CH	-	CV	-	-	-	0					
102B	3	G-10		X	X		20	CH	-	CV	-	-	-	0					
103A/B	3	G-10		X	X		20	LH	-	CV	-	-	-	0					
109A/B	3	F-9		X	X		20	BFLY	P	Q	-	-	-	0					
110A/B	3	F-9		X	X		20	BFLY	P	Q	-	-	-	0					
111A/B	3	F-10		X	X		20	BFLY	P	Q	-	-	-	0					
112A/B	3	F-20		X	X		20	BFLY	P	Q	-	-	-	0					
113A/B	3	J-9		X	X		20	BFLY	P	Q	-	-	-	0					
114A/B	3	J-9		X	X		20	BFLY	P	Q	-	-	-	0					
115A/B	3	J-10		X	X		20	BFLY	P	Q	-	-	-	0					
116A/B	3	J-10		X	X		20	BFLY	P	Q	-	-	-	0					
120A	3	L-9		X	X		16	BFLY	P	Q	-	-	-	0					
121B	3	J-10		X	X		16	BFLY	P	Q	-	-	-	0					
122A	3	K-7		X	X		16	BFLY	P	Q	-	-	-	0					
123B	3	L-7		X	X		16	BFLY	P	Q	-	-	-	0					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: COMPONENT COOLING WTR - CC

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
13CA	3	G-160, Sh 1		X			10	BFLY P	FO	Q	-	-	-	C					
131B	3	M-3 N-3		X			10	BFLY P	FO	Q	-	-	-	C					
132A/B	3	G-160, Sh 2		X			12	BFLY P	FC	Q	-	-	-	0					
133A/B	3	J-9 J-4		X			12	BFLY P	FC	Q	-	-	-	0					
138A/B	3	G-160, Sh 1		X			12	BFLY DP	FO	Q	-	-	-	0					
146A/B	2	E-13		X			10	BFLY P	FO	CS,MT	-	-	-	0		5			
147A/B	2	D-4		X			10	BFLY P	FO	CS,MT	-	-	-	0		5			
148A	3	D-1		X			8	BFLY DP	FO	Q	-	-	-	0					
149A	3	E-6		X			8	BFLY DP	FO	Q	-	-	-	0					
154A1	2	F-10		X			8	BFLY P	FO	Q,MT	-	-	-	0		5			
155A2	2	E-8		X			8	BFLY P	FO	Q,MT	-	-	-	0		5			
156B1	2	C-10		X			8	BFLY P	FO	Q,MT	-	-	-	0		5			
157B2	2	E-10		X			8	BFLY P	FO	Q,MT	-	-	-	0		5			
158A1	2	E-11		X			8	BFLY P	FO	Q,MT	-	-	-	0		5			
159A2	2	D-9		X			8	BFLY P	FO	Q,MT	-	-	-	0		5			

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: COMPONENT COOLING WTR - CC

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
160B1	2	D-11		X			8	BFLY P	FO	Q,MT	-	-	-	0	5				
161B2	2	D-11		X			8	BFLY P	FO	Q,MT	-	-	-	0	5				
176A	3	K-2		X	X		6	CH	-	CV	-	-	-	0					
177B	3	K-4		X	X		6	CH	-	CV	-	-	-	0					
178A	3	N-1		X	X		6	CH	-	CV	-	-	-	0					
179B	3	M-6		X	X		6	CH	-	CV	-	-	-	0					
201A	3	A-6		X			20	BFLY P	FAI	Q	-	-	-	0					
202A	3	A-4		X	X		20	CH	-	CV	-	-	-	0					
203A	3	A-13		X			20	BFLY P	FAI	Q	-	-	-	0					
204A	3	A-15		X	X		20	CH	-	CV	-	-	-	0					
229A	3	J-15		X	X		4	CH	-	CV	-	-	-	C					
231B	3	J-17		X	X		4	CH	-	CV	-	-	-	C					
240A	3	L-14		X			4	GL	DP	Q	-	-	-	C					
241B	3	L-17		X			4	GL	DP	Q	-	-	-	C					

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: COMPONENT COOLING WTR - CC

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
242A/B	2	G-160, Sh 1		X	X		10	CH	-	CV	-	-	-	0					
243A/B	2	D-4 D-1		X	X		10	BFLY	P	FO	CS,MT	-	-	0					
262B	3	G-160, Sh 2		X			16	BFLY	P	FAI	Q	-	-	C					
265A	3	A-14 A-5		X	X		16	BFLY	P	FAI	Q	-	-	C					
268A	3	N-7		X	X		6	BFLY	P	FO	Q	-	-	C					
269B	3	N-11		X	X		6	BFLY	P	FO	Q	-	-	C					
272A	3	J-2		X	X		6	BFLY	P	FAI	Q	-	-	0					
273B	3	J-4		X	X		6	BFLY	P	FAI	Q	-	-	0					
274A	3	N-2		X	X		6	BFLY	P	FAI	Q	-	-	0					
275B	3	G-160, Sh 2 N-6		X	X		6	BFLY	P	FAI	Q	-	-	0					
619	3	G-160, Sh 1 G-1		X	X		2	CH	-	-	CV	-	-	C					
629-1	3	G-160, Sh 2 I-15		X	X		1	CH	-	-	CV	-	-	C					
629-2	3	I-17		X	X		1	CH	-	-	CV	-	-	C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: COMPONENT COOLING WTR - CC

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCR/Day	Normal Position	Close	Open	Stroke Time, Max	Remarks	Revision
			A	B	C	D														
640A	3	G-164, Sh 2 G-7		X			1	SO	FO	Q				C						
641B	3	G-164, Sh 2 K-7		X			1	SO	FO	Q				C						

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: CHEMICAL & VOLUME CONTROL - CH

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
106A	3	G-168, Sh.2 B-7		X			3	GA	M	-	-	-	-	C					
107B	3	C-6		X			3	GA	M	-	-	-	-	C					
108A	3	B-5		X	X		3	CH	-	-	-	-	-	C					
110B	3	B-5		X	X		3	CH	-	-	-	-	-	C					
112A/B	3	C-4		X			3	GA	M	-	-	-	-	C					
118A/B	2	E-6		X	X		3	CH	-	-	-	-	-	O					
123A/B	2	F-7		X			4	GA	M	-	-	-	-	O					
124A/B	2	E-7		X	X		4	CH	-	-	-	-	-	O					
128A/B	2	E-6		X	X		3	CH	-	-	-	-	-	C					
130A/B	2	E-6		X	X		3	CH	-	-	-	-	-	C					
617	3	G-168, Sh.2 D-2		X	X		1	CH	-	-	-	-	-	C					
1516A/B		G-168, Sh.1		X			2	GA	DP	FC Q, MT	-	-	-	O	10				
1518A/B	2	D-7 E-6	X				2	GA	DP	FC Q, LT, MT	-	-	15	O	10				
2501A/B	1	D-7	X				2	GA	DP	FC Q, LT, MT	-	-	15	O	10				

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: CHEMICAL & VOLUME CONTROL - CH

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
2502-1	1	G-168, Sh 1 C-8		X	X		CH	-	-	CS	-	-	-	C					
2502-2	1	B-8		X	X		CH	-	-	CS	-	-	-	O					
2502-3	1	B-8		X	X		CH	-	-	CS	-	-	-	O					
2502-4	1	C-8		X	X		CH	-	-	CS	-	-	-	C					
2503A	1	B-7		X			GL	SO	FC	Q	-	-	-	O					
2504B	1	B-7		X			GL	SO	FC	Q	-	-	-	O					
2505A	1	C-7		X			GL	SO	FC	Q	-	-	-	LC					
2505B	1	C-7		X			GL	SO	FC	Q	-	-	-	LC					
1502-1	2	G-168 Sh-2 G-3		X		X	CH	-	-	CS	-	-	-	O					
1502-2	2	F-3		X		X	CH	-	-	CS	-	-	-	O					
1502-3	2	E-3		X		X	CH	-	-	CS	-	-	-	O					
1502-4	2	H-2		X		X	CH	-	-	CS	-	-	-	O					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: SAFETY INJECTION

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
101A	2	G-167, Sh 1 B-7		X			24	BFLY P	-	Q, MT	-	-	-	C	5				
102B	2	A-7		X			24	BFLY P	-	Q, MT	-	-	-	C	5				
103A	2	H-7		X			24	BFLY P	-	Q	-	-	-	O					
104B	2	H-7		X			24	BFLY P	-	Q	-	-	-	O					
105A	2	B-8		X	X		24	CH -	-	CV	-	-	-	C					
106B	2	A-8		X	X		24	CH -	-	CV	-	-	-	C					
107A	2	G-7		X	X		24	CH -	-	CV	-	-	-	C					
108B	2	H-6		X	X		24	CH -	-	CV	-	-	-	C					
117B	3	G-163, C-5		X	X		16	CH -	-	CS	-	-	-	C					
118A	3	C-5		X	X		16	CH -	-	CS	-	-	-	C					
301A	2	G-167, Sh 1 F-7		X			20	BFLY M	-	Q	-	-	-	LO					
302B	2	F-7		X			20	BFLY M	-	Q	-	-	-	LO					
305B	2	E-5		X			10	GA M	-	Q	-	-	-	LC					
306A	2	F-5		X			10	GA M	-	Q	-	-	-	LC					
307A	2	G-3		X			10	GA M	-	Q	-	-	-	LC					
308B	2	G-3		X			10	GA M	-	Q	-	-	-	LC					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: SAFETY INJECTION

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
608 TK2B	2	C-167, Sh 2 C-2		X			1	GL	DP	FC	CS	-	-	C					
632	2	H-4		X			1	GL	SO	FC	CS	-	-	LC					
633	2	G-167, Sh 2 H-2		X			1	GL	SO	FC	CS	-	-	LC					
634	2	C-4		X			1	GL	SO	FC	CS	-	-	LC					
635	2	D-2		X			1	GL	SO	FC	CS	-	-	LC					
636	2	H-4		X			1	GL	SO	FC	CS	-	-	LC					
637	2	H-2		X			1	GL	SO	FC	CS	-	-	LC					
638	2	C-4		X			1	GL	SO	FC	CS	-	-	LC					
639	2	D-2		X			1	GL	SO	FC	CS	-	-	LC					
801B	2	G-167, Sh 1 H-5		X			4	GA	M	FAI	Q	-	-	0					
802B	2	G-5		X			4	GA	M	FAI	Q	-	-	0					
805A/B	2	C-5		X	X		4	CH	-	-	CV	-	-	C					
809A	2	H-6		X			4	GA	M	-	Q	-	-	0					
810A	2	G-6		X			4	GA	M	-	Q	-	-	0					
811B	2	G-167, Sh 1 B-4		X			4	GA	M	FAI	Q	-	-	0					

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: SAFETY INJECTION

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
821A	2	G-167, Sh. 1 D-5		X	X		4	CH	-	CV	-	-	-	C					
822B	2	B-5		X	X		4	CH	-	CV	-	-	-	C					
1501B (SI-665)	1	G-167, Sh 2 D-5	X				14	GA	HP	FC	CS, LT	3	1 gpm	LC					
1502B (SI-666)	1	E-5	X				14	GA	HP	FC	CS, LT	3	1 gpm	LC					
1503A (SI-651)	1	G-167, Sh 2 D-4	X				14	GA	M	-	CS, LT	3	1 gpm	LC					
1504A (SI-652)	1	F-4	X				14	GA	M	-	CS, LT	3	1 gpm	LC					
1505 (TK1A)	1	F-5		X			12	GA	M	-	Q	-	-	LO					
1506 (TK1B)	1	F-2		X			12	GA	M	-	Q	-	-	LO					
1507 TK2A	1	G-167, Sh 2 B-5		X			12	GA	M	-	Q	-	-	LO					
1508 TK2B	1	B-2		X			12	GA	M	-	Q	-	-	LO					
1509 RL1A (SI-217)	1	F-4	X		X		12	CH	-	CS, LT	1	-	1 gpm	C					

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: SAFETY INJECTION

Valve Number	Class	Coordinate or Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
1510 TK1A (SI-215)	1	G-167, Sh 2 F-5	X		X		12	CH	-	-	CS,LT	2	-	1 gpm	C				
1511 RL1B (SI-227)	1	E-2	X		X		12	CH	-	-	CS,LT	1	-	1 gpm	C				
1512 TK1B (SI-225)	1	F-2			X		12	CH	-	-	CS,LT	2	-	1 gpm	C				
1513 RL2A (SI-237)	1	B-4	X		X		12	CH	-	-	CS,LT	1	-	1 gpm	C				
1514 TK2A (SI-235)	1	B-5	X		X		12	CH	-	-	CS,LT	2	-	1 gpm	C				
1515 RL2B (SI-247)	1	G-167 Sh.2 B-2	X		X		12	CH	-	-	CS,LT	1	-	1 gpm	C				
1516 TK2B (SI-245)	1	B-2	X		X		12	CH	-	-	CS,LT	2	-	1 gpm	C				
1517 RL1A (SI-114)	1	H-6	X		X		8	CH	-	-	CS,LT	1	-	1 gpm	C				

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: SAFETY INJECTION

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Close	Open	Stroke Time, Max	Remarks	Revision
			A	B	C	D														
1518 RL1B (SI-124)	1	G-167, Sh 2 F-6	X		X		8	CH	-	CS,LT	1	-	1 gpm	C						
1519 RL2A (SI-134)	1	D-6	X		X		8	CH	-	CS,LT	1	-	1 gpm	C						
1520 RL2B (SI-144)	1	B-6	X		X		8	CH	-	CS,LT	1	-	1 gpm	C						
1521A (SI-404)	2	G-167, Sh 1 C-4		X	X		4	CH	-	CV	-	-	-	C						
1522 RL1A (SI-113)	1	G-6	X		X		3	CH	-	CS,LT	1	-	1 gpm	C						
1523 RL1B (SI-123)	1	E-6	X		X		3	CH	-	CS,LT	1	-	1 gpm	C						
1524 RL2A (SI-133)	1	C-6	X		X		3	CH	-	CS,LT	1	-	1 gpm	C						
1525 RL2B (SI-143)	1	A-6	X		X		3	CH	-	CS,LT	1	-	1 gpm	C						

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: SAFETY INJECTION

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
1534	2	G-167, Sh.1 C-4		X			4	GA	M	FAI	Q	-	-	0					
1539B1	2	G-167, Sh 2 F-7		X			6	GL	M	FAI	Q	-	-	C					
1540B2	2	E-7		X			2	GL	M	FAI	Q	-	-	C					
1541A2	2	D-7		X			6	GL	M	FAI	Q	-	-	C					
1542A3	2	C-7		X			2	GL	M	FAI	Q	-	-	C					
1543B2	2	B-7		X			6	GL	M	FAI	Q	-	-	C					
1544B4	2	B-7		X			2	GL	M	FAI	Q	-	-	C					
1545B1	2	G-7		X			2	GL	M	FAI	Q	-	-	C					
1546A2	2	E-7		X			2	GL	M	FAI	Q	-	-	C					
1547B3	2	C-7		X			2	GL	M	FAI	Q	-	-	C					
1548A4	2	A-7		X			2	GL	M	FAI	Q	-	-	C					
1549A1	2	H-7		X			6	GL	M	FAI	Q	-	-	C					
1550A1	2	G-7		X			2	GL	M	FAI	Q	-	-	C					
1551 TK1A (SI-618)	1	F-5	X				1	GL	DP	FC	LT	4	-	C					

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: SAFETY INJECTION

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
1552 TK1B (SI-628)	1	G-167, Sh.2 F-3	X				1	GL	DP	FC	LT	4	-	1	C				
1553 TK2A (SI-638)	1	B-5	X				1	GL	DP	FC	LT	4	-	1	C				
1554 TK2B (SI-648)	1	B-3	X				1	GL	DP	FC	LT	4	-	1	C				
1556	2	G-167, Sh 1 D-4		X			3	GL	M	-	Q	-	-	-	LC				
1557	2	D 4		X			3	GA	M	-	Q	-	-	-	LC				
1558	2	A-4		X			3	GA	M	-	Q	-	-	-	LC				
1559	2	A-4		X			3	GL	M	-	Q	-	-	-	LC				
1561A/B	2	G-167, Sh 2 E-6	X				2	GA	DP	FC	Q,LT	-	-	15	C				
1562-1	2	G-167, Sh 1 D-5		X	X		2	CH	-	-	CV	-	-	-	C				
1562-2	2	G-167, Sh 1 D-5		X	X		2	CH	-	-	CV	-	-	-	C				
1562-3	2	C-5		X	X		2	CH	-	-	CV	-	-	-	C				
1562-4	2	E-6		X	X		2	CH	-	-	CV	-	-	-	C				

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: SAFETY INJECTION

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
1562-5	2	G-167 Sh.1 E-5		X	X		2	CH	-	CV	-	-		C					
1562-6	2	D-5		X	X		2	CH	-	CV	-	-		C					
1587A	2	G-161, Sn 1 F-6		X			2	GL SO	FO	Q				O					
1588B	2	F-5		X			2	GL SO	FO	Q				O					
2504	1	G-167, Sh 2 H-5				X	2	GA DP	FC	LT	4	-	1 gpm	C					
2505	1	A-6		X			2	GA DP	FC	LT	4	-	1 gpm	C					
2506	1	H-6		X		X	3	CH	-	LT, CS	1	-	1 gpm	C					
2507	1	H-5		X		X	3	CH	-	LT, CS	1	-	1 gpm	C					
2508	1	A-6		X		X	3	CH	-	LT, CS	1	-	1 gpm	C					
2509	1	A-5		X		X	3	CH	-	LT, CS	1	-	1 gpm	C					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: CHILLED WATER - AC

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
611A	3	G-853 S03, E-2		X			1	SO	FC	Q	-	-	-	C					
612B	3	S03, E-13		X			1	SO	FC	Q	-	-	-	C					
613A/B	3	S03, E-6		X			1	SO	FC	Q	-	-	-	C					
114A	3	S03, H-1		X	X		6	CH	-	CV	-	-	-	O					
115B	3	S03, H-14		X	X		6	CH	-	CV	-	-	-	O					
116A/B	3	S03, H-6		X	X		6	CH	-	CV	-	-	-	O					
135B	3	S03, L-7		X			4	BTFL	FC	Q	-	-	-	O					
136A	3	S03, N-7		X			4	BTFL	FC	Q	-	-	-	O					
142A	3	S03, L-7		X			10	BTFL	FC	Q	-	-	-	O					
143B	3	S03, L-8		X			10	BTFL	FC	Q	-	-	-	O					
144A	3	S03, L-8		X			4	BTFL	FC	Q	-	-	-	O					
149A		S03, M-5		X			10	BTFL	FC	Q	-	-	-	O					
150B		S03, M-8		X			10	BTFL	FC	Q	-	-	-	O					
151B		S03, N-7		X			4	BTFL	FC	Q	-	-	-	O					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: CONTAINMENT AIR - CA

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
604B	2	B-431, Sh 202	X				1	GL	SO	FC	Q, LT, MT	-	-	0	5				
605A	2	B-431, Sh 202	X				1	GL	SO	FC	Q, LT, MT	-	-	0	5				
606B	2	B-431, Sh 202	X				1	GL	SO	FC	Q, LT, MT	-	-	0	5				
607	2	B-431, Sh 202	X		X		1	CH	-	-	CV, LT	-	-	0					

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: AIR CONDITIONING - HV

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
253A	2	G-853, S02 E-4	X				4	BFLY M	-	Q, MT LT	-	-	30	C	5				
254B	2	E-4	X				4	BFLY M	-	Q, MT, LT	-	-	30	C	5				
150B	2	G-11		X			48	BFLY P	FC	Q, MT	-	-		C	5				
151A	2	G-10	X				48	BFLY P	FC	Q, MT, LT	-	-	360	C	5				
152A	2	G-10	X				48	BFLY P	FC	Q, LT, MT	-	-	360	C	5				
153B	2	G-6	X				48	BFLY P	FC	Q, LT, MT	-	-	360	C	5				
154B	2	G-6	X				48	BFLY P	FC	Q, LT, MT	-	-	360	C	5				
155A	2	H-5		X			48	BFLY P	FC	Q, MT	-	-		C	5				
156A	2	H-8	X				24	BFLY P	FC	Q, LT MT	-	-	180	O	5				
157B	2	E-10	X				24	BFLY P	FC	Q, LT MT	-	-	180	O	5				
158A	2	H-2		X			30	BFLY M	FAI	Q	-	-	-	C					
159B	2	H-3		X			30	BFLY M	FAI	Q	-	-	-	C					
160A	2	F-4		X			30	BFLY M	FAI	Q	-	-	-	C					

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: AIR CONDITIONING - HV

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
		G-853, S02																	
161B	2	G-4		X			30	BFLY	M	FAI	Q	-	-	-	C				
162A	2	I-1		X			30	BFLY	M	FAI	Q	-	-	-	C				
163B	2	I-1		X			30	BFLY	M	FAI	Q	-	-	-	C				
164A	2	F-4		X			30	BFLY	M	FAI	Q	-	-	-	C				
165B	2	F-4		X			30	BFLY	M	FAI	Q	-	-	-	C				
167A	2	E-3		X			4	BFLY	M	FAI	Q	-	-	-	C				
168B	2	E-3		X			4	BFLY	M	FAI	Q	-	-	-	C				
		G-853, S01																	
169A	3	J-12		X			16	BFLY	P	FC	Q	-	-	-	O				
170B	3	J-12		X			16	BFLY	P	FC	Q	-	-	-	O				
171A	3	I-15		X			12	BFLY	P	FC	Q	-	-	-	O				
172B	3	I-15		X			12	BFLY	P	FC	Q	-	-	-	O				
173A	2	I-1		X			4	BFLY	M	FAI	Q	-	-	-	C				
174B	2	I-2		X			4	BFLY	M	FAI	Q	-	-	-	C				
		G-853, S02																	
175	3	H-7		X			6	BFLY	P	FC	Q	-	-	-	O				
176	3	H-7		X			6	BFLY	P	FC	Q	-	-	-	O				

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: AIR CONDITIONING - HV

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
177A	3	G-853, S01 I-17		X			12	BFLY	P	FC	Q	-	-	0					
178B	3	G-853, S02 I-17		X			12	BFLY	P	FC	Q	-	-	0					
180A	2	H-8	X		X		24	CH	-	-	CV,LT	-	180	C					
181B	2	E-10	X		X		24	CH	-	-	CV,LT	-	180	C					
182A	2	F-2		X	X		30	CH	-	-	CV	-	-	IM					
183B	2	F-2		X	X		30	CH	-	-	CV	-	-	IM					
184A	2	G-9	X		X		4	CH	-	-	CV,LT	-	30	IM					
185B	2	G-9	X		X		4	CH	-	-	CV,LT	-	30	C					
187B	2	H-9	X				4	BFLY	L	-	LT	-	30	LC					
188A	2	H-9	X				4	BFLY	L	-	LT	-	30	LC					
190A	2	E-3	X				4	BFLY	L	-	LT	-	30	LC					
192B	2	E-3	X				4	BFLY	L	-	LT	-	30	LC					
196A	3	G-853, S01 J-11		X			8	BFLY	M	-	Q	-	-	C					
197B	3	J-11		X			8	BFLY	M	-	Q	-	-	C					
198A	3	I-11		X			8	BFLY	M	-	Q	-	-	C					
199B	3	I-11		X			8	BFLY	M	-	Q	-	-	C					

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: AIR CONDITIONING - HV

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
		G-853, S01																	
200L	3	J-11		X			8	BFLY	M	-	Q	-	-	-	C				
201A	3	J-11		X			8	BFLY	M	-	Q	-	-	-	C				
202B	3	J-11		X			8	BFLY	M	-	Q	-	-	-	C				
203A	3	J-11		X			8	BFLY	M	-	Q	-	-	-	C				
206A	3	B-2		X			18	BFLY	M	-	Q	-	-	-	C				
207B	3	A-2		X			18	BFLY	M	-	Q	-	-	-	C				
208A	3	A-1		X			18	BFLY	M	-	Q	-	-	-	C				
209B	3	A-1		X			18	BFLY	M	-	Q	-	-	-	C				
210A	3	E-1		X			14	BFLY	P	FO	Q	-	-	-	C				
215B	3	D-1		X			12	BFLY	P	FC	Q	-	-	-	O				
216A	3	D-1		X			12	BFLY	P	FC	Q	-	-	-	O				
217B	3	D-1		X			42	BFLY	P	FC	Q	-	-	-	O				
218A	3	E-1		X			42	BFLY	P	FC	Q	-	-	-	O				
223B	3	E-4		X			30	BFLY	P	FC	Q	-	-	-	O				
224A	3	E-4		X			30	BFLY	P	FC	Q	-	-	-	O				
225B	3	I-5		X			18	BFLY	P	FO	Q	-	-	-	C				
226A	3	I-6		X			36	BFLY	P	FC	Q	-	-	-	O				
227B	3	I-6		X			36	BFLY	P	FC	Q	-	-	-	O				

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
SYSTEM: HYDROGEN ANALYZER SYSTEM

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
601A	2	B-430-SP-01 IID		X			3/8	GL	SO	FC	Q	-	-	-	0				
602A	2	↓		X			3/8	GL	SO	FC	Q	-	-	-	0				
603A	2			X			3/8	GL	SO	FC	Q	-	-	-	0				
604A	2			X			3/8	GL	SO	FC	Q	-	-	-	0				
605A	2			X			3/8	GL	SO	FC	Q	-	-	-	0				
606A	2			X			3/8	GL	SO	FC	Q	-	-	-	0				
607A	2			X			3/8	GL	SO	FC	Q	-	-	-	0				
608A	2			X			3/8	GL	SO	FC	Q, LT, MT	-	-	2.8	0	5			
609A	2			X			3/8	GL	SO	FC	Q, LT, MT	-	-	2.8	0	5			
610A	2			X			3/8	GL	SO	FC	Q, LT, MT	-	-	2.8	0	5			
621B	2				X		3/8	GL	SO	FC	Q	-	-	-	0				
622B	2				X		3/8	GL	SO	FC	Q	-	-	-	0				
623B	2				X		3/8	GL	SO	FC	Q	-	-	-	0				
624B	2				X		3/8	GL	SO	FC	Q	-	-	-	0				
625B	2				X		3/8	GL	SO	FC	Q	-	-	-	0				
626B	2				X		3/8	GL	SO	FC	Q	-	-	-	0				

LOUISIANA POWER & LIGHT COMPANY
 WATERFORD SES UNIT NO. 3

LIST OF VALVES FOR INSERVICE INSPECTION
 SYSTEM: HYDROGEN ANALYZER SYSTEM

Valve Number	Class	Coordinate on Flow Diagram	Valve Categories				Size - Inches	Valve Type	Actuator Type	Failure Position	Test Requirements	Relief Request	Testing Alternatives	Leak Rate Value SCF/Day	Normal Position	Stroke Time, Max		Remarks	Revision
			A	B	C	D										Close	Open		
627B	2	B-430-SP-01 IID		X			3/8 GL	SO	FC	Q	-	-	-	0	5				
628B	2		X				3/8 GL	SO	FC	Q,LT, MT	-	-	2.8	0	5				
629B	2		X				3/8 GL	SO	FC	Q,LT, MT	-	-	2.8	0	5				
630B	2		X				3/8 GL	SO	FC	Q,LT, MT	-	-	2.8	0	5				
633A	2			X			3/8 GL	SO	FC	Q	-	-	-	0					
634B	2			X			3/8 GL	SO	FC	Q	-	-	-	0					
637A	2					X	3/8 CH			CV,LT	-	-	-	2.8	IM				
638B	2					X	3/8 CH			CV,LT	-	-	-	2.8	IM				