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SUBJECT: Forwards Vols 1 & 2 to "Third 10-Yr Interval Inservice Insp Plan," for review.Interval starts on 940715.

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DUKE POWER

December 20, 1993

U.S. Nuclear Regulatory Commission
Attention Document Control Desk
Washington, DC 20555

Subject: Duke Power Company
Oconee Nuclear Station
Docket No. 50-269
Unit 1 Third Ten Year Inservice Inspection Plan

Attached for your review is the Third Ten Year Inservice Inspection Plan for Oconee Unit 1. This interval starts on July 15, 1994. The attached package is comprised of the two volumes of the Plan and associated flow diagrams to assist in your review.

If you have questions or need further information you may contact D. W. Dalton at (803) 885-3372.

Very truly yours,

J. W. Hampton

J. W. Hampton

Attachment

xc w attachments: Mr. L. A. Wiens
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, DC 20555

xc w/o attachments: Mr. S. D. Ebneter
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission

Mr. P. E. Harmon
Senior NRC Resident Inspector
Oconee Nuclear Station

Mr. Heyward G. Shealy
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THIRD INTERVAL

INSERVICE INSPECTION PLAN

OCONEE NUCLEAR STATION

UNIT 1

Location: Oconee County, South Carolina

Commercial Service Date: July 15, 1973

Third Interval Start Date: July 15, 1994

Owner: Duke Power Company
526 S. Church St.
Charlotte, N. C. 28201

Revision 0

VOLUME 2

Prepared By:	R G Rouse	Date	11/16/93
Reviewed By:	J M Boughman	Date	11/16/93
Approved By:	G V Barbour	Date	11/18/93
ANII Review	M B Chapman	Date	12-8-93

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APPENDIX A

Oconee Unit 1
Inservice Inspection
Examination Listing
And Schedule

Revision 0

Detailed Inspection Plans for Oconee Unit 1

The detailed inspection plans for inservice inspection of Oconee Unit 1 are contained in this volume. Appendix A is the examination listing, Appendix B the reference drawings.

CATEGORY B-A, Pressure Retaining Welds in Reactor Vessel

Shell-to-Flange Weld

DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System
Oconee Unit 1
Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B01.030.002	1-RPV-WR19 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138 NDE-660	UT	CS	171.000 12.000	5C304 Rx Head Flange to RV Nozzle belt	Reactor Vessel Flange Pc. 7 to Nozzle Belt Upper Course Pc. 8. UT from Flange Surface (manual scan)

Total B01.030 Items: 1

Total Category B-A Items: 1

CATEGORY B-B, Pressure Retaining Welds in Vessels Other Than Reactor Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Shell-to-Head Welds; Circumferential ••••								
B02.011.001	1-PZR-WP76 Circumferential	ISI OCN1-002 OM-201-1878	NDE-620 NDE-640	UT Pzr (01) to Pzr (05)	CS	84.000 4.750	40394	Pressurizer Upper Head Pc. 5 to Upper Shell Course Pc. 1.
B02.011.003	1-PZR-WP4 Circumferential	ISI OCN1-002 OM-201-1878	NDE-620 NDE-640	UT Pzr (03) to 04/41	CS	84.000 6.188	40338	Lower shell to heater belt shell (inspect in the third interval during the first,second and third periods per IWB 2420(B).)
Total B02.011 Items:	**2**							
•••• Shell-to-Head Welds; Longitudinal ••••								
B02.012.001	1-PZR-WP1-1 Longitudinal	ISI OCN1-002 OM-201-1878	NDE-620 NDE-640	UT Pzr Upper Shell Course to Pzr Upper Shell Course	CS	84.000 6.188	40338	Pressurizer Upper Shell Course Pc. 1 to Pc. 1.
Total B02.012 Items:	**1**							
Total Category B-B Items:	**3**							

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Reactor Vessel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.090.001A	1-RPV-WR13	ISI OCN1-001	ISI-138	UT	CS	60.000	50304	X-Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. UT From Nozzle ID. Note:For inspection in outage 1 see request for relief 91-02
	Circumferential	OM-201-1877		Nozzle (Rx Head Nozzle) to Rx Nozzle belt		12.000		
B03.090.002A	1-RPV-WR13A	ISI OCN1-001	ISI-138	UT	CS	60.000	50304	Z- Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. UT From Nozzle ID. Note:For inspection in outage 1 see request for relief 91-02
	Circumferential	OM -201-1877		Nozzle (RX Head Nozzle) to RX Nozzle Belt		12.000		

Total B03.090 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.100.001	1-RPV-WR13	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (RX Head Nozzle) to RX Nozzle Belt	CS	60.000 12.000	50304	X-Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. (Inside Radius Section) Note:For inspection in outage 1 see request for relief 91-02
B03.100.002	1-RPV-WR13A	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (RX Head Nozzle) to RX Nozzle Belt	CS	60.000 12.000	50304	Z-Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. (Inside Radius Section). Note:For inspection in outage 1 see request for relief 91-02

Total B03.100 Items: 2

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.110.002	1-PZR-WP34 Circumferential	ISI OCN1-002 B&W129261E	NDE-620 NDE-640	UT Pzr Spray Nozzle to Pzr Upper Head	CS	7.750 4.750	40394	Pzr Spray Nozzle Pc. 9 to Upper Head Pc. 5.
B03.110.003	1-PZR-WP33-3 Circumferential	ISI OCN1-002 OM-201-1878 B&W129262E	NDE-620 NDE-640	UT Pzr Relief Nozzle to Pzr Upper Head	CS	6.875 4.750	40394	Pzr Relief Nozzle Pc. 31 to Upper Head Pc. 5 between W & Z Axis.
B03.110.004	1-PZR-WP33-2 Circumferential	ISI OCN1-002 OM-201-1878 B&W129262E	NDE-620 NDE-640	UT Pzr Relief Nozzle to Pzr Upper Head	CS	6.875 4.750	40394	Pzr Relief Nozzle Pc. 31 to Upper Head Pc. 5 on Y & X Axis.

Total B03.110 Items: 3

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.120.002	1-PZR-WP34	ISI OCN1-002 OM-201-1878 B&W129261E		UT Pzr Spray Nozzle to Pzr Upper Head	CS	7.750 2.125		Pressurizer Spray Nozzle Pc. 9 to Upper Head Pc. 5. (Inside Radius Section).
B03.120.003	1-PZR-WP33-3	ISI OCN1-002 OM-201-1878 B&W129262E		UT Pzr Relief Nozzle to Pzr Upper Head	CS	6.875 4.750		Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5 between W & Z Axis. (Inside Radius Section).
B03.120.004	1-PZR-WP33-2	ISI OCN1-002 OM-201-1878 B&W129262E		UT Pzr Relief Nozzle to Pzr Upper Head	CS	6.875 4.750		Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5 on Y & X Axis. (Inside Radius Section).

Total B03.120 Items: 3

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Steam Generators (Primary Side)

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.130.001	1-SGA-WG50-2 Circumferential	ISI-OCN1-003 OM-201-1873 B&W129317E	NDE-620 NDE-640	UT SGA Lower Head to Nozzle (Outlet Nozzle)	CS	38.380 8.500	40305	Steam Generator 1A Outlet Nozzle Pc. 65 to Head Pc. 07 W-Z Axis.
B03.130.002	1-SGA-WG50-1 Circumferential	ISI-OCN1-003 OM-201-1873 B&W129317E	NDE-620 NDE-640	UT SGA Lower Head to Nozzle (Outlet Nozzle)	CS	38.380 8.500	40305	Steam Generator 1A Outlet Nozzle Pc. 65 to Head Pc. 07 Y-Z Axis.

Total B03.130 Items: 2

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Steam Generators (Primary Side)

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.140.001	1-SGA-WG50-2	ISI-OCN1-003 OM-201-1873 B&W129317E	NDE-680	UT SGA Lower Head to Outlet Nozzle	CS	38.380 8.500	40305	Steam Generator 1A Outlet Nozzle Pc. 65 to Head Pc. 7. W-Z Axis. (Inside Radius Section).
B03.140.002	1-SGA-WG50-1	ISI-OCN1-003 OM-201-1873 B&W129317E	NDE-680	UT SGA Lower Head to Outlet Nozzle	CS	38.380 8.500	40393	Steam Generator 1A Outlet Nozzle Pc. 65 to Head Pc. 7. Y-Z Axis. (Inside Radius Section).

Total B03.140 Items: 2

Total Category B-D Items: 14

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger; Nozzle-to-Safe End Butt Welds ••••								
B05.040.002	1-PZR-WP45 Circumferential	ISI OCN1-002 B&W129261E	NDE-35	PT Nozzle (Piece 9) to Safe End Pc.45	SS/CS	5.675 1.400		Pressurizer Spray Line Nozzle Pc. 9 to Safe End Pc. 45 at Pressurizer.
B05.040.002A	1-PZR-WP45 Circumferential	ISI OCN1-002 B&W129261E		UT Nozzle (Piece 9) to Safe End Pc.45	SS/CS	5.675 1.400		Pressurizer Spray Line Nozzle Pc. 9 to Safe End Pc. 45 at Pressurizer. UT from Nozzle Side.
B05.040.002B	1-PZR-WP45 Circumferential	ISI OCN1-002 B&W129261E		UT Nozzle (Piece 9) to Safe End Pc.45	SS/CS	5.675 1.400		Pressurizer Spray Line Nozzle Pc. 9 to Safe End Pc. 45 at Pressurizer. UT from Safe End Side.

Total B05.040 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Less Than NPS 4; Nozzle-to-Safe End Butt Welds ••••								
B05.050.002	1-PZR-WP91-2 Circumferential	ISI OCN1-002 B&W129262E	NDE-35	PT	SS/CS	2.500 0.000		Pressurizer Relief Nozzle Pc. 31 to Safe End Pc. 32 X-Y Axis. Nozzle (Piece 31) to Safe End Pc.32
B05.050.003	1-PZR-WP91-3 Circumferential	ISI OCN1-002 B&W129262E	NDE-35	PT	SS/CS	2.500 0.000		Pressurizer Relief Nozzle Pc. 31 to Safe End Pc. 32 Z-W Axis. Nozzle (Piece 31) to Safe End Pc.32

Total B05.050 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger; Dissimilar Metal Butt Welds ••••								
B05.130.001	1-PIA1-7 Circumferential Stress weld	ISI OCN1-007 OM-201-1845	NDE-610	UT Pipe to Safe end	SS/CS	33.500 2.330	40350	Examine from the pipe side.
B05.130.001A	1-PIA1-7 Circumferential Stress weld	ISI OCN1-007 OM-201-1845	NDE-610	UT Pipe to Safe end	SS/CS	33.500 2.330	40397	Examine from the safe end side.
B05.130.001B	1-PIA1-7 Circumferential Stress weld	ISI OCN1-007 OM-201-1845	NDE-35	PT Pipe to Safe end	SS/CS	33.500 2.330		

Total B05.130 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Less Than NPS 4; Dissimilar Metal Butt Welds ••••								
B05.140.001	1-PIA1-11 Circumferential	ISI OCN1-007 OM-201-1870	NDE-35	PT	CS/Inconel	3.500 0.816		Nozzle to Safe end
B05.140.003	1-PDA1-11 Circumferential	ISI OCN1-011 OM-201-1845	NDE-35	PT	SS/CS	3.500 0.750		Nozzle (Pressure injection nozzle) to Safe end
B05.140.009	1-50-01-34 Circumferential	1-50-01(1)	NDE-35	PT	SS/Inconel	1.500 0.281		Pipe to Elbow
B05.140.010	1-50-01-2 Circumferential	1-50-01(2) OFD-100A-1.1		UT	SS/Inconel	1.500 0.281		Other to Elbow

Total B05.140 Items: 4

Total Category B-F Items: 12

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Closure Head Nuts ••••								
B06.010.001	1-RPV-26-203-01	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.002	1-RPV-26-203-02	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.003	1-RPV-26-203-03	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.004	1-RPV-26-203-04	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.005	1-RPV-26-203-05	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.006	1-RPV-26-203-06	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.007	1-RPV-26-203-07	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.008	1-RPV-26-203-08	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.009	1-RPV-26-203-09	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.010	1-RPV-26-203-10	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.010.011	1-RPV-26-203-11	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.012	1-RPV-26-203-12	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.013	1-RPV-26-203-13	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.014	1-RPV-26-203-14	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.015	1-RPV-26-203-15	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.016	1-RPV-26-203-16	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.017	1-RPV-26-203-17	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.018	1-RPV-26-203-18	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.019	1-RPV-26-203-19	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.020	1-RPV-26-203-20	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut

Total B06.010 Items: 20

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Closure Studs, when removed ••••								
B06.030.001	1-RPV-25-203-01	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.001A	1-RPV-25-203-01	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.002	1-RPV-25-203-02	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.002A	1-RPV-25-203-02	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.003	1-RPV-25-203-03	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.003A	1-RPV-25-203-03	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.004	1-RPV-25-203-04	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.004A	1-RPV-25-203-04	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.005	1-RPV-25-203-05	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.005A	1-RPV-25-203-05	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.006	1-RPV-25-203-06	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.006A	1-RPV-25-203-06	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.007	1-RPV-25-203-07	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.007A	1-RPV-25-203-07	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.008	1-RPV-25-203-64	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.008A	1-RPV-25-203-64	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.009	1-RPV-25-203-09	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.009A	1-RPV-25-203-09	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.010	1-RPV-25-203-10	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.010A	1-RPV-25-203-10	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.011	1-RPV-25-203-11	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.011A	1-RPV-25-203-11	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.012	1-RPV-25-203-12	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.012A	1-RPV-25-203-12	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.013	1-RPV-25-203-13	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.013A	1-RPV-25-203-13	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.014	1-RPV-25-203-14	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.014A	1-RPV-25-203-14	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.015	1-RPV-25-203-15	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.015A	1-RPV-25-203-15	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.016	1-RPV-25-203-62	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.016A	1-RPV-25-203-62	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.017	1-RPV-25-203-17	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.017A	1-RPV-25-203-17	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.018	1-RPV-25-203-18	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.018A	1-RPV-25-203-18	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.019	1-RPV-25-203-19	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.019A	1-RPV-25-203-19	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.020	1-RPV-25-203-20	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.020A	1-RPV-25-203-20	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

Total B06.030 Items: 40

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Closure Washers, Bushings ••••								
B06.050.001	1-RPV-WASH-BUSH	B&W128723E	QAL-13	VT-1	CS	9.750 0.214		Reactor Vessel Closure Washers and Bushings. Stud Holes 1 - 20.

Total B06.050 Items: 1

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nuts, Bushings, and Washers ••••								
B06.080.001	1-PZR-MW-NUTS	24893F	QAL-13	VT-1	CS	2.750 0.000		Pressurizer Manway Nuts Pc. 68; Including Bushings and Washers.

Total B06.080 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Flange Surface, when connection dissassembled ••••								
B06.190.001	1-RCP-1A1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.002	1-RCP-1A2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.003	1-RCP-1B1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.004	1-RCP-1B2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)

Total B06.190 Items: 4

Total Category B-G-1 Items: 66

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.030.002	1-SGA-LMW-BOLTS	OM-201-550 OM-201-352		VT-1	SS	0.000 0.000		Steam Generator 1A Lower Head Manway Studs and Nuts (Total 16 Studs Pc. 111 and Nuts Pc. 109).
B07.030.006	1-SGA-LHIC-BOLTS	OM-201-550 OM-201-352		VT-1	SS	0.000 0.000		Steam Generator 1A Lower Head Inspection Cover Studs and Nuts. (Total 12 Studs Pc. 112 and Nuts Pc. 110).

Total B07.030 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.050.003	1-50-RC67	B&W129262E OM-201-1026		VT-1	CS	1.125 0.000		Pressurizer Relief Valve RC-67 Nozzle Flange Bolting (Between W&X Axis) Total 8 Bolts; 16 Nuts .
B07.050.004	1-50-RC68	B&W129262E OM-201-1026		VT-1	CS	1.125 0.000		Pressurizer Relief Valve RC-68 Nozzle Flange Bolting (Noz. 15 degrees off Y- Axis) Total 8 Bolts; 16 Nuts.

Total B07.050 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.060.003	1-RCP-1B1-SEAL	OM-201D-34 OM-201D-0057		VT-1	CS	2.000 0.000		Reactor Coolant Pump 1A1 Lower Seal Housing Bolts - 12 Cap Screws Pc. 26.
B07.060.004	1-RCP-1B2-SEAL	OM-201D-34 OM-201D-0057		VT-1	CS	2.000 0.000		Reactor Coolant Pump 1B2 Lower Seal Housing Bolts - 12 Cap Screws Pc. 26.

Total B07.060 Items: 2

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

CRD Housings

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.080.001	1-RPV-CRD-BOLTS	OM-201-2248 DPS 706599-1056 B&W152006E		VT-1	CS	1.250 0.000		CRD Housing Bolts (Total 8 Bolts) 2 Connections inspected to date; CRD # 38, # 59.(Inspect only if Disassembled)
B07.080.002	1-RPV-CRD-RINGS	OM-201-2248 DPS 706599-1056 B&W152006E		VT-1	CS	11.500 1.250		CRD Housing Rings ; 1 Pair per CRD Housing. 2 Connections inspected to date ; CRD # 38, #59.(Inspect only if Disassembled)

Total B07.080 Items: 2

Total Category B-G-2 Items: 8

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.011.001	1-PIA1-9 Circumferential Term end / Stress weld	ISI OCN1-007 OM-201-1846	NDE-610	UT Safe end to RC pump 1A1	SS	36.500 2.330	40397	
B09.011.001A	1-PIA1-9 Circumferential Term end / Stress weld	ISI OCN1-007 OM-201-1846	NDE-35	PT Safe end to RC pump 1A1	SS	36.500 2.330		
B09.011.004	1-PIA1-5 Circumferential	ISI OCN1-007 B&W 131914E6	NDE-600	UT Elbow to Pipe	CS	33.500 2.330	40350	
B09.011.004A	1-PIA1-5 Circumferential	ISI OCN1-007 B&W131914E6	NDE-25	MT Elbow to Pipe	CS	33.500 2.330		
B09.011.008	1-PIA1-1 Circumferential Term end / Stress weld	ISI OCN1-007 B&W 131914E6	NDE-600	UT Steam Generator A1 to Pipe	CS	33.500 2.330	40350	
B09.011.008A	1-PIA1-1 Circumferential Term end / Stress weld	ISI OCN1-007 B&W 131914E6	NDE-25	MT Steam Generator A1 to Pipe	CS	33.500 2.330		
B09.011.011	1-PDA1-4 Circumferential	ISI OCN1-011 B&W 131913E11	NDE-600	UT Elbow to Pipe	CS	33.500 2.330	40350	
B09.011.011A	1-PDA1-4 Circumferential	ISI OCN1-011 B&W 131913E11	NDE-25	MT Elbow to Pipe	CS	33.500 2.330		
B09.011.036	1-PIB1-5 Circumferential	ISI OCN1-009 B&W 131914E6	NDE-600	UT Elbow to Pipe	CS	33.500 2.330	40350	Inspect during the 1st, 2nd and 3rd period in order to comply with surveillance requirements. Inspection in 3rd period (RFO 20) is for surveillance and for the required examination for the 3rd interval.
B09.011.065	1-PHA-1 Circumferential Term end	ISI OCN1-005 OM-201-583	NDE-600	UT Nozzle (RV nozzle) to Pipe	CS	36.000 2.856	40350	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.011.065A	1-PHA-1	ISI OCN1-005	NDE-25	MT	CS	36.000		
Circumferential		OM-201-583				2.856		
Term end				Nozzle (RV nozzle) to Pipe				
B09.011.077	1-PHB-1	ISI OCN1-006	NDE-600	UT	CS	36.000	40350	
Circumferential		OM-201-583				2.856		
Term end				Nozzle (Reactor Vessel) to Pipe				
B09.011.077A	1-PHB-1	ISI OCN1-006	NDE-25	MT	CS	36.000		
Circumferential		OM-201-583				2.856		
Term end				Nozzle (Reactor Vessel) to Pipe				

Total B09.011 Items: 13

•••• Longitudinal Welds ••••

B09.012.001	1-PIA1-62LI	ISI OCN1-007	NDE-600	UT	CS	33.500	40350	
Longitudinal		B&W 131914E6				2.330		
				Elbow to Elbow				
B09.012.001A	1-PIA1-62LI	ISI OCN1-007	NDE-25	MT	CS	33.500		
Longitudinal		B&W 131914E6				2.330		
				Elbow to Elbow				
B09.012.002	1-PIA1-62LO	ISI OCN1-007	NDE-600	UT	CS	33.500	40350	
Longitudinal		B&W 131914E6				2.330		
				Elbow to Elbow				
B09.012.002A	1-PIA1-62LO	ISI OCN1-007	NDE-25	MT	CS	33.500		
Longitudinal		B&W 131914E6				2.330		
				Elbow to Elbow				
B09.012.007	1-PDA1-53LO	ISI OCN1-011	NDE-600	UT	CS	33.500	40350	
Longitudinal		B&W 131914E6				2.330		
				Elbow to Elbow				
B09.012.007A	1-PDA1-53LO	ISI OCN1-011	NDE-25	MT	CS	33.500		
Longitudinal		B&W 131914E6				2.330		
				Elbow to Elbow				

CATEGORY B-J, Pressure Retaining Welds In Piping

NPS 4 or Larger

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.012.008	1-PDA1-53LI	ISI OCN1-011	NDE-600	UT	CS	33.500	40350	
Longitudinal		B&W 131914E6				2.330		
				Elbow to Elbow				
B09.012.008A	1-PDA1-53LI	ISI OCN1-011	NDE-25	MT	CS	33.500		
Longitudinal		B&W 131914E6				2.330		
				Elbow to Elbow				

Total B09.012 Items: 8

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.021.032	1-51A-04-25C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Elbow to Valve (1HP-127)	SS	2.500 0.375		
B09.021.033	1-51A-04-23C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		
B09.021.034	1-51A-04-14C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		
B09.021.037	1-51A-04-11C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.038	1-51A-04-9C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		

Total B09.021 Items: 5

CATEGORY B-J, Pressure Retaining Welds In Piping

Branch Pipe Connection Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger ••••								
B09.031.003 Branch	1-PIB1-10	ISI OCN1-009 OM-201-595	NDE-600	UT	CS	12.000 2.250	40350	Pipe to Nozzle (Drain nozzle)
B09.031.003A Branch	1-PIB1-10	ISI OCN1-009 OM-201-595	NDE-25	MT	CS	12.000 2.250		Pipe to Nozzle (Drain nozzle)

Total B09.031 Items: 2

Total Category B-J Items: 28

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing Welds ••••								
B12.010.001	1-RCP-1A1	OM-201D-35 OM-201-1148 ISI-OCN1-007		RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.002	1-RCP-1A2	OM-201D-35 OM-201-1148 ISI-OCN1-008		RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.003	1-RCP-1B1	OM-201D-35 OM-201-1148 ISI-OCN1-009		RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.004	1-RCP-1B2	OM-201D-35 OM-201-1148 ISI-OCN1-010		RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)

Total B12.010 Items: 4

Pumps

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing ••••								
B12.020.001	1-RCP-1A1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-007		VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1A1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.002	1-RCP-1A2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-008		VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1A2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.003	1-RCP-1B1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-009		VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1b1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.004	1-RCP-1B2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-010		VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1B2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)

Total B12.020 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Valve Body, Exceeding NPS 4 ••••								
B12.050.001	1-53A-CF-11	OM-245-001 OFD-102A-1.3		VT-3 Valve (Internal Surfaces) to Other	SS	14.250 0.000		A- Side Core Flood (W-Axis) Valve Body - Valve CF-11 (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.002	1-53A-CF-12	OM-245-001 OFD-102A-1.3		VT-3 Valve (Internal Surfaces) to Other	SS	14.250 0.000		A-Side Core Flood (W- Axis) Valve Body - Valve CF-12. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.003	1-53A-CF-13	OM-245-001 OFD-102A-1.3		VT-3 Valve (Internal Surfaces) to Other	SS	14.250 0.000		B-Side Core Flood (Y- Axis) Valve Body - Valve CF-13. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.004	1-53A-CF-14	OM-245-001 OFD-102A-1.3		VT-3 Valve (Internal Surfaces) to Other	SS	14.250 0.000		B- Side Core Flood (Y- Axis) Valve Body - CF-14.
B12.050.005	1-53A-LP-1	OM-201-165 OFD-102A-1.1		VT-3 Valve (Internal Surfaces) to Other	SS	15.250 0.000		Decay Heat Suction from Reactor Coolant System. LP-1 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.006	1-53A-LP-2	OM-201-165 OFD-102A-1.1		VT-3 Valve (Internal Surfaces) to Other	SS	15.250 0.000		Decay Heat Suction from Reactor Coolant System. LP-2 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair,ect..)
B12.050.007	1-53A-LP-47	OM-245-001 OFD-102A-1.2		VT-3 Valve (Internal Surfaces) to Other	SS	10.937 0.000		B-Side LP1 Valve Body - Valve LP-47. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.008	1-53A-LP-48	OM-245-001 OFD-102A-1.2		VT-3 Valve (Internal Surfaces) to Other	SS	10.937 0.000		B-Side LP1 Valve Body - Valve LP-48.(Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)

Total B12.050 Items: 8

Total Category B-M-2 Items: 16

OCONEE U[illegible]UMBER 1
CLASS A (CATEGOR[illegible]P) REQUIREMENTS
FOR OUTAGE NUMBER 16

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
B15.050.001	SEE COMMENTS	N/A	LEAK	VARIOUS	RC SYSTEM	VT-2	QAL-15	Drawings that make up the Class A Leakage Boundary: OFDL-100A-1.1, OFDL-100A-1.2, OFDL-100A-1.3, OFDL-101A-1.1, OFDL-101A-1.4, OFDL-101A-1.5, OFDL-102A-1.1, OFDL-102A-1.2, OFDL-102A-1.3, OFDL-110A-1.1, OFDL-110A-1.4, OFDL-127B-1.2

CATEGORY C-A, Pressure Retaining Welds In Pressure Vessels

Tubesheet-to-Shell Weld

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.030.001	1-SGA-WG60 Circumferential	OM-201-1873 ISI OCN1-003	NDE-620 NDE-640	UT Tubesheet to Shell	CS	138.000 6.625	40338	Steam Generator 1A Upper Tubesheet Pc. 51 to Shell Pc. 1.

Total C01.030 Items: 1

Total Category C-A Items: 1

CATEGORY C-B, Pressure Retaining Nozzle Welds In Vessels

Nozzles Without Reinforcing Plate In Vessels > 1/2 in. Nom. Thickness

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Shell (or Head) Weld ••••								
C02.021.002	1-SGB-WG23-2 Circumferential	ISI-OCN1-004 OM-201-1873 OM-201-0034	NDE-620 NDE-640	UT Outlet Nozzle to Shell	CS	29.000 6.750	40338	Steam Generator 1B Outlet Nozzle, X-Y Axis. Pc. 14 to Shell Pc. 03.
C02.021.002A	1-SGB-WG23-2 Circumferential	ISI-OCN1-004 OM-201-1873 OM-201-0034	NDE-25	MT Outlet Nozzle to Shell	CS	29.000 6.750		Steam Generator 1B Outlet Nozzle, X-Y Axis. Pc. 14 to Shell Pc. 03.
Total C02.021 Items:	**2**							
•••• Nozzle Inside Radius Section ••••								
C02.022.002	1-SGB-WG23-2	ISI-OCN1-004 OM-201-1873	NDE-680	UT Outlet Nozzle to Shell	CS	29.000 6.750	40338	Steam Generator 1B Outlet Nozzle, X-Y Axis. Piece 14 to Shell Pc. 03. (Inside Radius Section).
Total C02.022 Items:	**1**							
Total Category C-B Items:	**3**							

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Integrally Welded Attachments ••••								
C03.020.001	1-01A-H10A Constant support	0-480A OFD-122A-1.1	NDE-25	MT	CS	24.250 1.500		Calculaton No. OSC-1296-06; Problem No. 1-01-07; System 01A;PAGE# 6 (2)-24.23A MAIN STEAM FROM PEN 26 TO SG 1A
C03.020.009	1-01A-H5B Constant suppor	0-481A OFD-122A-1.1	NDE-25	MT	CS	24.250 1.000		Calculaton No. OSC-1296-06; Problem No. 1-01-08; System 01A;PAGE# 6 (1)-25.18; MAIN STEAM FROM PEN 28 TO SG 1B
C03.020.029	1-51-DE061 Rigid support	1-0-439C OFD-101A-1.4 1-51-05	NDE-35	PT	SS .	4.000 1.000		Calculation No. OSC-1537, page 55.1; Problem No. 1-51-05. High Pressure Injection.
C03.020.030	1-51-SR20 Rigid support	0-437A OFD-101A-1.4 1-51-07	NDE-35	PT	SS .	4.000 0.750		Calculation No. OSC-1539, page 72; Problem No. 1-51-07. Reactor Coolant Pump Seal Injection
C03.020.031	1-51-SR38 Rigid support	0-439A OFD-101A-1.4 1-51-04	NDE-35	PT	SS .	4.000 1.000		Calculation No. OSC-1639, page 30.5; Problem No. 1-51-04. High Pressure Injection
C03.020.033	1-51-SR47 Rigid support	0-439C OFD-101A-1.3	NDE-35	PT	SS	4.000 0.750		Calculaton No. OSC-1537 Page 55.1; Problem No. 1-51-5 . System 51
C03.020.034	1-51-SR48 Rigid support	0-439E OFD-101A-1.3	NDE-35	PT	SS	4.000 0.750		Calculaton No. OSC-1537 Page 55.1; Problem No. 1-51-5 . System 51
C03.020.035	1-51-SR49 Rigid support	0-444 OFD-101A-1.4 1-51-04	NDE-35	PT	SS .	4.000 0.750		Calculation No. OSC-1639, page 30.5; Problem No. 1-51-04. High Pressure Injection
C03.020.037	1-51-SR51 Rigid support	0-444 OFD-101A-1.4 1-51-04	NDE-35	PT	SS .	4.000 0.750		Calculation No. OSC-1639, page 30.5; Problem No. 1-51-04. High Pressure Injection
C03.020.038	1-51A-H115 Rigid support	0-435B OFD-101A-1.3	NDE-35	PT	SS	4.000 0.750		Calculaton No. OSC-1410 Page104; Problem No. 1-51-13 . System 51 HPI CROSS CONNECT & HEADER

CATEGORY C-C, Integral Attachments For Vessels, Piping, Pumps, And Valves

Piping

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C03.020.039	1-51A-H91 Rigid support	0-439C OFD-101A-1.4 1-51-04	NDE-35	PT	SS	4.000 0.750		Calculation No. OSC-1639, page 32.2; Problem No. 1-51-04. High Pressure Injection.
C03.020.043	1-53B-H1 Rigid restraint	2-0-436E OFD-102A-1.1	NDE-35	PT	SS	14.000 0.216		Calculaton No. OSC-407; Problem No. 1-53-1;SHT.2 OF 4 PAGE# 105.1; SYSTEM 53 LP INJECTION LINE
C03.020.067	1-JWC-1707 Rigid support	0-490B-2A OM-201-0176	NDE-25	MT	CS	0.000 1.000		Main Fdwtr. A-Rigid W-Z Axis Attach. closest to W Axis
C03.020.068	1-JWC-1708 Rigid support	0-490B-2A OM-201-0176	NDE-25	MT	CS	0.000 1.000		Main Fdwtr. A-Rigid W-Z Axis Attach. closest to Z Axis

Total C03.020 Items: 14

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Integrally Welded Attachments ••••								
C03.030.001	1-HPI-A-SUPPORT	OM-201-1704 OFD-101A-1.3	NDE-35	PT Plate to Casing	SS	0.000 2.000		Support For HPI Pump 1A

Total C03.030 Items: 1

Total Category C-C Items: 15

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds ≥ 3/8 in. Nominal Wall Thickness for Piping > NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.011.003	1-53A-01-30L Circumferential	1-53A-01(3) OFD-102A-1.2	NDE-600	UT Valve (1LP-17) to Pipe	SS	10.000 1.125	40354	
C05.011.003A	1-53A-01-30L Circumferential	1-53A-01(3) OFD-102A-1.2	NDE-35	PT Valve (1LP-17) to Pipe	SS	10.000 1.125		
C05.011.008	1-RCP-FTR1A-SH-1 Circumferential Term end	OM-201-0473 OFD-101A-1.4	NDE-600	UT Filter Hub to Filter Housing	SS	4.000 0.531		Reactor Coolant Pump Seal Supply Filter 1A Pc. 10 to Pc. 1 Outlet End.
C05.011.008A	1-RCP-FTR1A-SH-1 Circumferential Term end	OM-201-0473 OFD-101A-1.4	NDE-35	PT Filter Hub to Filter Housing	SS	4.000 0.531		
C05.011.009	1-RCP-FTR1A-SH-2 Circumferential Term end	OM-201-0473 OFD-101A-1.4	NDE-600	UT Filter Hub to Filter Housing	SS	4.000 0.531		Reactor Coolant Pump Seal Supply Filter 1A Pc. 10 to Pc. 1 Inlet End.
C05.011.009A	1-RCP-FTR1A-SH-2 Circumferential Term end	OM-201-0473 OFD-101A-1.4	NDE-35	PT Filter Hub to Filter Housing	SS	4.000 0.531		

Total C05.011 Items: 6

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping ≥ NPS 2 And ≤ NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.021.001	1-51A-01-79A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-600	UT Elbow to Valve (1HP-148)	SS	4.000 0.531	40406	
C05.021.001A	1-51A-01-79A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-35	PT Elbow to Valve (1HP-148)	SS	4.000 0.531		
C05.021.002	1-51A-02-15B Circumferential	1-51A-02 OFD-101A-1.4	NDE-600	UT Pipe to Tee	SS	4.000 0.531	40406	
C05.021.002A	1-51A-02-15B Circumferential	1-51A-02 OFD-101A-1.4	NDE-35	PT Pipe to Tee	SS	4.000 0.531		
C05.021.007	1-51A-122-19 Circumferential	1-51A-122 OFD-101A-1.4	NDE-600	UT Pipe to Valve (1HP-410)	SS	4.000 0.531	40406	
C05.021.007A	1-51A-122-19 Circumferential	1-51A-122 OFD-101A-1.4	NDE-35	PT Pipe to Valve (1HP-410)	SS	4.000 0.531		
C05.021.012	1-51A-123-12 Circumferential	1-51A-123 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.012A	1-51A-123-12 Circumferential	1-51A-123 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.018	1-51A-124-10 Circumferential	1-51A-124 OFD-101A-1.3	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.018A	1-51A-124-10 Circumferential	1-51A-124 OFD-101A-1.3	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping ≥ NPS 2 And ≤ NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.024	1-51A-125-13 Circumferential	1-51A-125 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.024A	1-51A-125-13 Circumferential	1-51A-125 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.030	1-51A-127-4 Circumferential	1-51A-127 OFD-101A-1.3	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.030A	1-51A-127-4 Circumferential	1-51A-127 OFD-101A-1.3	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.045	1-51A-01-89A Circumferential	1-51A-01(4) OFD-101A-1.3	NDE-600	UT Tee to Tee	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.045A	1-51A-01-89A Circumferential	1-51A-01(4) OFD-101A-1.3	NDE-35	PT Tee to Tee	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.051	1-51A-02-16BA Circumferential	1-51A-02 OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.051A	1-51A-02-16BA Circumferential	1-51A-02 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.061	1-51A-03-99B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.061A	1-51A-03-99B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping ≥ NPS 2 And ≤ NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.068	1-51A-136-6 Circumferential	1-51A-136 OFD-101A-1.1	NDE-600	UT Valve (1HP-3) to Elbow	SS	2.500 0.375	40378	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.068A	1-51A-136-6 Circumferential	1-51A-136 OFD-101A-1.1	NDE-35	PT Valve (1HP-3) to Elbow	SS	2.500 0.375		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.074	1-51A-01-71A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-600	UT Elbow to Valve (1HP-114)	SS	3.000 0.438	50225	Inspecting this weld in order to meet 7.5% of system 56. Borrowing from system 51A category C5.21
C05.021.074A	1-51A-01-71A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-35	PT Elbow to Valve (1HP-114)	SS	3.000 0.438		Inspecting this weld in order to meet 7.5% of system 56. Borrowing from system 51A category C5.21

Total C05.021 Items: 24

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Pipe Branch Connections of Branch Piping ≥ NPS 2

ITEM NUMBER		ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••									
C05.041.002	Branch	1-53B-01-87BA	1-53B-01(2) OFD-102A-1.2	NDE-35	PT Reinforcing collar to Pipe	SS	8.000 0.250		Reinforcing collar at weld 87B.
C05.041.011	Branch	1-53B-06-21KA	1-53B-06(1) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	8.000 0.148		
C05.041.012	Branch	1-53B-06-21KB	1-53B-06(1) OFD-102A-1.2	NDE-35	PT Reinforcing collar to Pipe	SS	10.000 0.165		Reinforcing collar for weld 21KA.
C05.041.024	Branch	1-53B-02-121ZA	1-53B-13 OFD-102A-1.1	NDE-35	PT Pipe to Pipe	SS	4.000 0.120		
C05.041.025	Branch	1-53B-02-121Z	1-53B-13 OFD-102A-1.1	NDE-35	PT Reinforcing collar to Pipe	SS	4.000 0.120		Reinforcing collar weld at weld 121ZA.

Total C05.041 Items: 5

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.051.006	1-MS17B-A Circumferential	1-01A-1(1)	NDE-600	UT Elbow to Pipe	CS	34.000 1.164	TBD	Grinnell subassembly MS17B
C05.051.006A	1-MS17B-A Circumferential	1-01A-1(1)	NDE-25	MT Elbow to Pipe	CS	34.000 1.164		
C05.051.009	1-01A-01-29C Circumferential	1-01A-01(3) OFD-122A-1.1	NDE-600	UT Pipe to Elbow	CS	12.000 0.562	TBD	
C05.051.009A	1-01A-01-29C Circumferential	1-01A-01(3) OFD-122A-1.1	NDE-25	MT Pipe to Elbow	CS	12.000 0.562		
C05.051.012	1-01A-02-11BA Circumferential Term end	1-01A-02 OFD-122A-1.1	NDE-600	UT Reducer to Nozzle (SG 1A)	CS	24.000 0.969	TBD	
C05.051.012A	1-01A-02-11BA Circumferential Term end	1-01A-02 OFD-122A-1.1	NDE-25	MT Reducer to Nozzle (SG 1A)	CS	24.000 0.969		
C05.051.017	1-01A-1-99 Circumferential	1-01A-01(2) OFD-122A-1.3	NDE-600	UT Elbow to Pipe	CS	8.000 0.500	TBD	
C05.051.017A	1-01A-1-99 Circumferential	1-01A-01(2) OFD-122A-1.3	NDE-25	MT Elbow to Pipe	CS	8.000 0.500		
C05.051.030	1-FWD88-C Circumferential	1-FWD88	NDE-600	UT Elbow to Pipe	CS	14.000 0.750	TBD	Grinnell subassembly FWD88
C05.051.030A	1-FWD88-C Circumferential	1-FWD88	NDE-25	MT Elbow to Pipe	CS	14.000 0.750		

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Piping Welds ≥ 3/8 in. Nominal Wall Thickness for Piping > NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.033	1-20B-21-16-2	1-20B-21	NDE-600	UT	CS	48.000	TBD	
	Circumferential	OFD-116A-1.1				0.500		
				Valve to Pipe (1PRV-1)				
C05.051.033A	1-20B-21-16-2	1-20B-21	NDE-25	MT	CS	48.000		
	Circumferential	OFD-116A-1.1				0.500		
				Valve to Pipe (1PRV-1)				
C05.051.036	1-LPSW-344-28	1-LPSW-344	NDE-600	UT	CS	8.000	TBD	
	Circumferential	OFD-124B-1.2				0.500		
				Pipe to Pipe				
C05.051.036A	1-LPSW-344-28	1-LPSW-344	NDE-25	MT	CS	8.000		
	Circumferential	OFD-124B-1.2				0.500		
				Pipe to Pipe				
C05.051.040	1-LPSW-345-17	1-LPSW-345	NDE-600	UT	CS	8.000	TBD	
	Circumferential	OFD-124B-1.2				0.500		
				Flange to Pipe				
C05.051.040A	1-LPSW-345-17	1-LPSW-345	NDE-25	MT	CS	8.000		
	Circumferential	OFD-124B-1.2				0.500		
				Flange to Pipe				
C05.051.049	1-LPSW-346-21	1-LPSW-346	NDE-600	UT	CS	8.000	TBD	
	Circumferential	OFD-124B-1.2				0.500		
				Elbow to Pipe				
C05.051.049A	1-LPSW-346-21	1-LPSW-346	NDE-25	MT	CS	8.000		
	Circumferential	OFD-124B-1.2				0.500		
				Elbow to Pipe				

Total C05.051 Items: 18

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Pipe Branch Connections of Branch Piping ≥ NPS 2

ITEM NUMBER		ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••									
C05.081.004	Branch	1-03-09-40D	1-03-09 OFD-121B-1.3	NDE-35	PT Pipe to Tee	CS	14.000 0.750		
C05.081.006	Branch	1-FWD67-A	1-FWD67	NDE-25	MT Pipe to Pipe	CS	20.000 1.031		Grinnell subassembly FWD67

Total C05.081 Items: 2

Total Category C-F-2 Items: 55

OCONEE U[illegible]UMBER 1
CLASS B (CATEGOR[illegible]-H) REQUIREMENTS
FOR OUTAGE NUMBER 16

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.001	OFDL-101A-1.1	00	INS/FUN	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 6 and 7
C07.030.002	OFDL-101A-1.2	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.003	OFDL-101A-1.3	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.004	OFDL-101A-1.4	00	INS/FUN	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 8, 9, 10, 23 and 52
C07.030.005	OFDL-101A-1.5	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.006	OFDL-102A-1.1	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 36, 37 and 57
C07.030.007	OFDL-102A-1.2	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16
C07.030.008	OFDL-102A-1.3	00	FUNCT	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetration 59
C07.030.009	OFDL-103A-1.1	00	FUNCT	VARIOUS	BS SYSTEM	VT-2	QAL-15	
C07.030.010	OFDL-104A-1.1	00	FUNCT	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.030.011	OFDL-104A-1.2	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.030.012	OFDL-106E-1.1	00	FUNCT	VARIOUS	DW SYSTEM	VT-2	QAL-15	Penetrations 46, 47 and 55
C07.030.013	OFDL-107A-1.1	00	FUNCT	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetrations 18 and 38
C07.030.014	OFDL-107A-1.2	00	FUNCT	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetration 29
C07.030.015	OFDL-107B-1.1	00	FUNCT	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 5
C07.030.016	OFDL-107D-1.2	00	FUNCT	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 40
C07.030.017	OFDL-110A-1.1	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetrations 1, 2 and 58
C07.030.018	OFDL-110A-1.3	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetration 42
C07.030.019	OFDL-110A-1.4	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	
C07.030.020	OFDL-116A-1.1	00	FUNCT	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 19 and 20

OCONEE U[illegible]UMBER 1
CLASS B (CATEGO[illegible]-H) REQUIREMENTS
FOR OUTAGE NUMBER 16

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.021	OFDL-116C-1.1	00	FUNCT	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 60 and 61
C07.030.022	OFDL-121B-1.3	00	INS/FUN	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 25 and 27
C07.030.023	OFDL-121B-1.5	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 4 and 43
C07.030.024	OFDL-121D-1.1	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	Penetrations 17 and 50
C07.030.025	OFDL-121D-1.2	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
C07.030.026	OFDL-122A-1.1	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	Penetrations 26 and 28
C07.030.027	OFDL-122A-1.2	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.028	OFDL-122A-1.3	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.029	OFDL-122A-1.4	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.030	OFDL-122B-1.1	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.031	OFDL-124B-1.2	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 30, 31, 32, 33, 34 and 35
C07.030.032	OFDL-124B-1.4	00	INSER	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 21 and 22
C07.030.033	OFDL-127B-1.2	00	FUNCT	VARIOUS	N SYSTEM	VT-2	QAL-15	Penetrations 39, 49 and 53
C07.030.034	OFDL-137A-1.3	00	FUNCT	VARIOUS	BA SYSTEM	VT-2	QAL-15	Penetration 48
C07.030.035	OFDL-137B-1.2	00	FUNCT	VARIOUS	IA SYSTEM	VT-2	QAL-15	Penetration 41
C07.030.036	OFDL-137E-1.1	00	FUNCT	VARIOUS	LRT SYSTEM	VT-2	QAL-15	Penetrations 45 and 51
C07.030.037	OFDL-144A-1.2	00	FUNCT	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetrations 3 and 54
C07.030.038	OFDL-144A-1.3	00	FUNCT	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetration 44

OCONEE U[illegible]UMBER 1
CLASS C (CATEGOR[illegible]A) REQUIREMENTS
FOR OUTAGE NUMBER 16

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D01.011.001	OFDL-100A-1.3	00	INSER	VARIOUS	RC SYSTEM	VT-2	QAL-15	
D01.011.002	OFDL-101A-1.1	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.003	OFDL-101A-1.2	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.004	OFDL-101A-1.3	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.005	OFDL-101A-1.4	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.006	OFDL-101A-1.5	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.007	OFDL-102A-1.1	00	INSER	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.011.008	OFDL-102A-1.2	00	INSER	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.011.009	OFDL-106A-1.2	00	INSER	VARIOUS	CT SYSTEM	VT-2	QAL-15	
D01.011.010	OFDL-109A-1.1	00	INSER	VARIOUS	HP SYSTEM	VT-2	QAL-15	
D01.011.011	OFDL-110A-1.1	00	INSER	VARIOUS	CA SYSTEM	VT-2	QAL-15	
D01.011.012	OFDL-144A-1.2	00	INSER	VARIOUS	CC SYSTEM	VT-2	QAL-15	
D01.011.013	OFDL-110A-1.4	00	INSER	VARIOUS	CA SYSTEM	VT-2	QAL-15	

OCONEE U[illegible]UMBER 1
CLASS C (CATEGO[illegible]-B) REQUIREMENTS
FOR OUTAGE NUMBER 16

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.011.003	OFDL-121A-1.3	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.004	OFDL-121A-1.7	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.005	OFDL-121A-1.8	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.006	OFDL-121B-1.3	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.011.007	OFDL-121B-1.5	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.011.008	OFDL-121D-1.1	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.011.009	OFDL-121D-1.2	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.011.010	OFDL-122A-1.4	00	FUNCT	VARIOUS	MS SYSTEM	VT-2	QAL-15	
D02.011.011	OFDL-124A-1.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.012	OFDL-124A-1.3	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.013	OFDL-124A-2.3	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.014	OFDL-124B-1.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.015	OFDL-124B-1.2	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.016	OFDL-124B-1.4	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.017	OFDL-124B-1.5	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.018	OFDL-124B-2.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.019	OFDL-124C-1.2	00	FUNCT	VARIOUS	HPSW SYSTEM	VT-2	QAL-15	
D02.011.020	OFDL-133A-1.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.021	OFDL-133A-1.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.022	OFDL-133A-1.3	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	

OCONEE [illegible] NUMBER 1
CLASS C (CATEGO[illegible]-B) REQUIREMENTS
FOR OUTAGE NUMBER 16

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.011.023	OFDL-133A-1.4	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.024	OFDL-133A-1.5	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.025	OFDL-133A-2.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.026	OFDL-133A-2.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.027	OFDL-133A-2.5	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.028	OFDL-133A-3.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.029	OFDL-133A-3.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.030	OFDL-133A-3.4	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.031	OFDL-137D-1.1	00	FUNCT	VARIOUS	DA SYSTEM	VT-2	QAL-15	
D02.011.032	OFDL-137D-1.2	00	FUNCT	VARIOUS	DA SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D02.020.006	1-03-NPS-H16 Rigid restraint	0-478A OFD-121D-1.1	QAL-14	VT-3	NA	3.000 0.203		Calculaton No. OSC-1224-16 Page 44;Problem No.1- 03A-14. System 03A AUX. SERVICE WATER PIPE
D02.020.009	1-03A-DE063 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-342 Page 103; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
D02.020.032	1-03A-H72 Rigid restraint	1-0-439A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-339 Page 81; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.
D02.020.039	1-03A-SR13 Rigid restraint	1-0-401A OFD-121D-1.1		VT-3	NA	6.000 1.000		Calculaton No. OSC-343 Page 51; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.040	1-03A-SR16 Rigid restraint	1-0-401A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-343 Page 51; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.066	1-04A-R5 Rigid restraint	2-0-439B OFD-121B-1.5	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-1404 Page 77;Problem No.1- 04A-06. System 04A OTSG SECONDARY SIDE DRAIN TO COND.
D02.020.067	1-04A-R6 Rigid restraint	2-0-439B OFD-121B-1.5	QAL-14	VT-3	NA	6.000 0.375		Calculaton No. OSC-1404 Page 77;Problem No.1- 04A-06. System 04A OTSG SECONDARY SIDE DRAIN TO COND.
D02.020.068	1-07A-H12 Rigid restraint	6-0-402A OFD-121A-1.7	QAL-14	VT-3	NA	24.000 1.750		Calculaton No. OSC-361 Page 88.1; Problem No.1-07A-01 System 07A
D02.020.072	1-08-H4051 Rigid restraint	0-400A OFD-122A-1.4	QAL-14	VT-3	NA	10.000 0.250		Calculation Number OSC-1902 Sheet 2of 2; Problem 1-08-01 Page 39. System 08 Emergency Feedwater Pump Turbine Exhaust to Condenser1B.
D02.020.075	1-14B-ASR17 Rigid restraint	0-436E OFD-121D-1.2 4-14-3	QAL-14	VT-3	NA	8.000 0.500		Calculation No. OSC-394, page 78; Problem No. 4-14-3, sh. 3. Auxiliary Feed water Lines from Auxiliary Sevice Water Pump

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.078	1-14B-CLF-901 Rigid restraint	0-400B OFD-124A-1.1	QAL-14	VT-3	NA	18.000 0.322		Calculation No. OS-395 Page 40, problem no. 1-14A-01 page 1 of 2. Low Pressure Service Water
D02.020.084	1-14B-H2 Rigid restraint	0-439B OFD-124B-1.2 1-14-06	QAL-14	VT-3	NA	14.000 0.500		File OSC-1341 pg. 100. Low Pressure Service Water Suppy from Penetration 21, 30, 31 and 32 to Coolers 1A & 1B.
D02.020.089	1-14B-RMC-0503 Rigid restraint	0-439B OFD-124B-1.2 1-14-04	QAL-14	VT-3	NA	8.000 0.237		File OSC-376 pg. 78. Low Pressure Service Water Discharge I. E. B. 79-14, System 14B, sheet 1 of 3
D02.020.095	1-14B-SR43 Rigid restraint	1-0-439B OFD-124B-1.2 1-14-04	QAL-14	VT-3	NA	14.000 0.322		File OSC-376 pg. 78. Low Pressure Service Water Discharge I. E. B. 79-14, System 14B, sheet 1 of 3
D02.020.099	1-14B-SR60 Rigid restraint	0-437A OFD-124B-1.1	QAL-14	VT-3	NA	20.000 1.000		Calculaton No. OSC-1541; Problem No. 1-14-06 SHT. 1 OF 3. System 14B;PAGE 100.1; LPSW SUPPLY TO RB COMPONENT COOLERS & LP COOLERS 1A & 1B
D02.020.102	1-57-H1 Rigid restraint	0-481A OFD-100A-1.2	QAL-14	VT-3 SS to Other	NA	12.000 0.750		Calculaton No. OS-1313-06 Page 44.1;Problem No.1-57-01. System 57 Pressurizer Relief Valve System

Total D02.020 Items: 16

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Mechanical and Hydraulic Snubbers ••••								
D02.030.003	1-03-H4171 Mech snubber	0-401B OFD-121B-1.3	QAL-14	VT-3	NA	24.000 0.322		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.

Total D02.030 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Spring Type Supports ••••								
D02.040.004	1-03-H50 Spring hanger	0-551 OFD-121B-1.3	QAL-14	VT-3	NA	24.000 0.187		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
D02.040.008	1-03-H63 Spring hanger	0-439A OFD-121B-1.3	QAL-14	VT-3	NA	24.000 0.187		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
D02.040.015	1-14B-H20 Spring hanger	0-436D OFD-124B-1.1	QAL-14	VT-3 FIG# 163 to Other	NA	16.000 0.187		Calculaton No. OSC-396; Problem No. 1-14-04 SHT.2 OF 3. System 14B;PAGE 77; LP SERVICE WATER DISCHARGE

Total D02.040 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Constant Load Type Supports ••••								
D02.050.001	1-04A-R12 Constant support	2-0-439B OFD-121B-1.5	QAL-14	VT-3	NA	6.000 0.437		Calculaton No. OSC-1404 Page 77;Problem No.1- 04A-06. System 04A OTSG SECONDARY SIDE DRAIN TO COND.

Total D02.050 Items: 1

Total Category D-B Items: 21

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D03.020.001	1-56-DE034 Rigid restraint	4-0-437B OFD-104A-1.2	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling Fig.162 Size 8
D03.020.003	1-56-H17 Rigid restraint	5-0-437B OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OSC-1359-02 Page 28 ; Problem No.4-56-07 Spent Fuel Cooling (Suction Side) System 56 (Fig. 162 Size 8)
D03.020.008	1-56-H5133 Rigid restraint	0-437B OFD-104A-1.1	QAL-14	VT-3 Fig.162 to Other	NA	8.000 0.125		Calculaton No. OSC-1359-02 Page 28 ; Problem No.4-56-07 Spent Fuel Cooling (Suction Side) System 56
D03.020.012	1-56-JTC-2903 Rigid restraint	0-443 OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.500		Calculaton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56

Total D03.020 Items: 4

Total Category D-C Items: 4

CATEGORY F-A, Supports (Category A)

Class 1 Mech. Conn. to Press. Retaining Comp. & Bld. Structure

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.005	1-51A-H6228 Rigid restraint	0-478A OFD-101A-1.1	QAL-14	VT-3	NA	2.500 0.000		Calculaton No. OSC-1660-11; Problem No. 1-55-03;SHT.1 OF 4; System 51A;PAGE# 65; RC PUMP PIPING TO HP INJECTION LETDOWN COOLERS
Total F01.010 Items:	**1**							
F01.012.003	1-50-H2A Hyd snubber	0-479A OFD-100A-1.1	QAL-14	VT-3	NA	10.000 0.000		Pressurizer Surge Lines
F01.012.006	1-53A-H39C Spring hanger	0-481A OFD-100A-1.2 1-50-01	QAL-14	VT-3	NA	2.500 0.000		File OSC-1314-06 page 129. Pressurizer Relief Valve System
F01.012.008	1-53A-H6200 Spring hanger	0-479A OFD-102A-1.1	QAL-14	VT-3	NA	3.000 0.000		Calculaton No. OSC-1301-06; Problem No. 1-53-07; PAGE# 91; SYSTEM 53A; DECAY HEAT REMOVAL SYS
F01.012.009	1-57-H13-A Hyd snubber	0-481A OFD-100A-1.2	QAL-14	VT-3	NA	4.000 0.000		Calculaton No. OS-1313-06 Page 44.1;Problem No.1-57-01. System 57 Pressurizer Relief Valve System
Total F01.012 Items:	**4**							

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.008	1-14-H54 Rigid restraint	0-480A OFD-124B-1.3 1-14-14	QAL-14	VT-3	NA .	8.000 0.000		Calculation No. OSC-1407, Problem 1-14-14 sh. 17. Low Pressure Service Water from Penetration 32 to Cooler
F01.020.009	1-14-H63 Rigid restraint	0-480A OFD-124B-1.3 1-14-14	QAL-14	VT-3 ss to Other	NA .	8.000 0.000		Calculation No. OSC-1407, Problem 1-14-14 sh. 17. Low Pressure Service Water from Penetration 32 to Cooler
F01.020.016	1-51A-H100 Rigid support	0-439A OFD-101A-1.4 1-51-04	QAL-14	VT-3	NA .	4.000 0.000		Calculation No. OSC-1639, page 32.2; Problem No. 1-51-04. High Pressure Injection.
F01.020.022	1-51B-DE051 Rigid support	2-0-437A OFD-101A-1.4 1-51-07	QAL-14	VT-3	NA .	4.000 0.000		Calculation No. OSC-1539, page 73; Problem No. 1-51-07. High Pressure Injection.
F01.020.027	1-53B-H1 Rigid restraint	2-0-436E OFD-102A-1.1	QAL-14	VT-3	NA	14.000 0.216		Calculaton No. OSC-407; Problem No. 1-53-1;SHT.2 OF 4 PAGE# 105.1; SYSTEM 53 LP INJECTION LINE
F01.020.037	1-54A-DE10 Rigid restraint	0-435B OFD-103A-1.1	QAL-14	VT-3 Sway Strut Fig162 to Other	NA	8.000 0.125		Calculaton No. OS-415 Page 50; Problem No. 1-54-2 Sheet 1 of 1. System 54A Auxiliary Building. Examine during outage 16 for surveillance item from second interval.
F01.020.038	1-54A-H23 Rigid restraint	3-0-439A OFD-103A-1.1	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OS-416 Page 58.1; Problem No. 1-54-03, Sheet 1 of 1. System 54A Auxiliary Building.
F01.020.043	1-56-SR18 Rigid restraint	0-437B OFD-104A-1.2	QAL-14	VT-3	NA	8.000 0.500		Calculaton No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling

Total F01.020 Items: 8

F01.021.005	1-14-H19 Rigid restraint	0-479A OFD-124B-1.2 1-14-14	QAL-14	VT-3	NA	8.000 0.000		File OSC-1407 Sh 16. Low Pressure Service Water from Penetration 32 to Cooler1B. Problem No.1-14-14

CATEGORY F-A, Supports (Category B)

Class 2 Weld Connections to Building Structure

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.021.008	1-14-H6 Rigid restraint	0-479A OFD-124B-1.2 1-14-15	QAL-14	VT-3	NA	6.000 0.216		File OSC-1409 pg. 16. Low Pressure Service Water - Reactor Bldg. Cooling (sheet 1). Problem No;1-14-15
F01.021.013	1-51A-H91 Rigid support	0-439C OFD-101A-1.4 1-51-04	QAL-14	VT-3	NA	4.000 0.750		Calculation No. OSC-1639, page 32.2; Problem No. 1-51-04. High Pressure Injection.
F01.021.024	1-56-DE001 Rigid restraint	0-439C OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-421 Page 93; Problem No.4-56-02 Spent Fuel Cooling System 56

Total F01.021 Items: 4

F01.022.012	1-51A-H3 Spring hanger	1-0-444 OFD-101A-1.3	QAL-14	VT-3	NA	4.000 0.500		Calculaton No. OSC-1537 Page 56.1; Problem No. 1-51-5 . System 51
F01.022.016	1-53B-H1 Spring hanger	3-0-444 OFD-102A-1.1	QAL-14	VT-3	NA	12.000 1.000		Calculaton No. OSC-407; Problem No. 1-53-1;SHT.2 OF 4 PAGE# 105.1; SYSTEM 53 LP INJECTION LINE
F01.022.017	1-53B-H10 Spring hanger	4-0-435B OFD-102A-1.1	QAL-14	VT-3	NA	14.000 0.237		Calculaton No. OS-407; Problem No. 1-53-1;SHT.1 OF 4 PAGE#104; SYSTEM 53B; LP INJECTION LINE
F01.022.024	1-54A-R5 Rigid restraint	3-0-435B OFD-103A-1.1	QAL-14	VT-3 Sway Strut to Other	NA	8.000 0.000		Calculaton No. OSC-1628 Page 60; Problem No. 1-54-01 Sheet 1 of 1. System 54A Auxiliary Building.

Total F01.022 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.017	1-04A-H17 Rigid restraint	2-0-439B OFD-121B-1.5	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1404 Page 77;Problem No.1- 04A-06. System 04A OTSG SECONDARY SIDE DRAIN TO COND.
F01.030.020	1-07A-GTE-1901 Rigid restraint	0-400B OFD-121A-1.8	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-362 Page 56; Problem No.1-07A-2 L.P.& H.P.Condensate System 07A
F01.030.021	1-07A-SR8 Rigid restraint	0-400B OFD-121A-1.8	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-362 Page 55; Problem No.1-07A-2 L.P.& H.P.Condensate System 07A
F01.030.022	1-08-H4050 Rigid restraint	0-400A OFD-122A-1.4	QAL-14	VT-3	NA	10.000 0.000		Calculation Number OSC-1902 Sheet 2 of 2; Problem 1-08-01 Page 39. System 08 Emergency Feedwater Pump Turbine Exhaust to Condenser1B.
F01.030.035	1-56-DE009 Rigid restraint	0-438C OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56
F01.030.036	1-56-H17 Rigid restraint	5-0-437B OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OSC-1359-02 Page 28 ; Problem No.4-56-07 Spent Fuel Cooling (Suction Side) System 56 (Fig. 162 Size 8)
F01.030.041	1-57-H1 Rigid restraint	0-481A OFD-100A-1.2	QAL-14	VT-3 SS to Other	NA	12.000 0.750		Calculaton No. OS-1313-06 Page 44.1;Problem No.1-57-01. System 57 Pressurizer Relief Valve System

Total F01.030 Items: 7

F01.031.002	1-03-H6175 Rigid restraint	0-480A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1224-16 Page 41;Problem No.1- 03A-14. System 03A AUX. SERVICE WATER PIPE
F01.031.006	1-04A-R5 Rigid restraint	2-0-439B OFD-121B-1.5	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-1404 Page 77;Problem No.1- 04A-06. System 04A OTSG SECONDARY SIDE DRAIN TO COND.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.031.008	1-08-H4055 Rigid restraint	0-400A OFD-122A-1.4	QAL-14	VT-3	NA	10.000 0.000		Calculation Number OSC-1902 Sheet 2 of 2; Problem 1-08-01 Page 39. System 08 Emergency Feedwater Pump Turbine Exhaust to Condenser1B.
Total F01.031 Items:	**3**							
F01.032.004	1-03-H63 Spring hanger	0-439A OFD-121B-1.3	QAL-14	VT-3	NA	24.000 0.187		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
F01.032.006	1-04A-R12 Constant suppor	2-0-439B OFD-121B-1.5	QAL-14	VT-3	NA	6.000 0.437		Calculaton No. OSC-1404 Page 77;Problem No.1- 04A-06. System 04A OTSG SECONDARY SIDE DRAIN TO COND.
Total F01.032 Items:	**2**							

Clearances of Guides & Stops, Align of Supps, Assembly of Supp Items

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.040.005	1-DT-SUPPORT	O-478G OFD-101A-1.1	QAL-14	VT-3	NA .	0.000 0.000		Decay Tank Support
F01.040.006	1-DHRC-A-SUPPORT	OM-201-286 OFD-102A-1.2	QAL-14	VT-3	NA .	0.000 0.000		Decay Heat Removal Cooler 1A

Total F01.040 Items: 2

Total Category F-A Items: 35

Reactor Coolant Pump Flywheel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G01.001.001A Circumferential	1-RCP-1A1	OM-201D-38	NDE-25	MT RCP 1A1 Flywheel to Other	CS	72.000 9.500		A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.002A Circumferential	1-RCP-1A2	OM-201D-38	NDE-25	MT RCP 1A2 Flywheel to Other	CS	72.000 9.500		A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.003A Circumferential	1-RCP-1B1	OM-201D-38	NDE-25	MT RCP 1B1 Flywheel to Other	CS	72.000 9.500		A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.004A Circumferential	1-RCP-1B2	OM-201D-38	NDE-25	MT RCP 1B2 Flywheel to Other	CS	72.000 9.500		A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.

Total G01.001 Items: 4

Total Category AUG Items: 4

CATEGORY AUG, Augmented Inspections

Auxiliary Feedwater Header B&W Safety Concern 21-82 Water Hammer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G06.001.033	1-03A-11-1VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-12	RT Pipe to Elbow	CS	6.000 0.432		Vender Weld Ring Header.
G06.001.033A	1-03A-11-1VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Pipe to Elbow	CS	6.000 0.432		

Total G06.001 Items: 2

Total Category AUG Items: 2

CATEGORY AUG, Augmented Inspections

Circumferential Pipe Welds With A Nom. Wall Thk. < 3/8" and > NPS 4"

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G09.001.001	1-51A-01-3A Circumferential	1-51A-01(1) OFD-101A-1.3	NDE-35	PT Pipe to Valve (1HP-103)	SS	6.000 0.280		
G09.001.007	1-53B-01-90B Circumferential	1-53B-01(5) OFD-102A-1.2	NDE-35	PT Pipe to Elbow	SS	8.000 0.148		
G09.001.013	1-53B-03-33F Circumferential	1-53B-03(4) OFD-102A-1.2	NDE-35	PT Elbow to Pipe	SS	10.000 0.250		
G09.001.019	1-53B-06-114K Circumferential	1-53B-06(3) OFD-102A-1.2	NDE-35	PT Elbow to Pipe	SS	10.000 0.250		
G09.001.025	1-53B-02-115J Circumferential	1-53B-13 OFD-102A-1.1	NDE-35	PT Elbow to Pipe	SS	8.000 0.148		
G09.001.031	1-54A-01-05A Circumferential	1-54A-01(2) OFD-102A-1.1	NDE-35	PT Pipe to Elbow	SS	10.000 0.250		
G09.001.037	1-54A-04-21C Circumferential	1-54A-04(1) OFD-103A-1.1	NDE-35	PT Pipe to Elbow	SS	8.000 0.250		
G09.001.043	1-54A-04-75C Circumferential	1-54A-04(3) OFD-103A-1.1	NDE-35	PT Pipe to Elbow	SS	8.000 0.250		

Total G09.001 Items: 8

Total Category AUG Items: 8

DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System
Oconee Unit 1
Inservice Inspection Plan for Interval 3 Outage 2

CATEGORY B-A, Pressure Retaining Welds in Reactor Vessel

Head Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential ••••								
B01.021.001	1-RPV-WH5 Circumferential	ISI OCN1-001 OM-201-1122	NDE-660	UT Rx Upper Hd. Cap Sectionh to Rx Upper Hd. Ring Section	CS	0.000 6.625	40387	Reactor Vessel Upper Head Cap Section Pc.24 to Upper Head Ring Section Pc. 23.

Total B01.021 Items: 1

CATEGORY B-A, Pressure Retaining Welds in Reactor Vessel

Head-to-Flange Weld

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B01.040.001	1-RPV-WH7 Circumferential	ISI OCN1-001 OM-201-1122	NDE-660	UT Rx Head Ring Section to Flange	CS	147.000 6.625	40387	Reactor Vessel Upper Head Ring Section Pc. 23 to Upper Head Flange Pc. 22.
B01.040.001A	1-RPV-WH7 Circumferential	ISI OCN1-001 OM-201-1122	NDE-25	MT Rx Head Ring Section to Flange	CS	147.000 6.625		Reactor Vessel Upper Head Ring Section Pc. 23 to Upper Head Flange Pc. 22.

Total B01.040 Items: 2

Total Category B-A Items: 3

CATEGORY B-B, Pressure Retaining Welds in Vessels Other Than Reactor Vessels

Steam Generators (Primary Side)

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Tubesheet-to-Head Weld ••••								
B02.040.001	1-SGA-WG58-1 Circumferential	ISI-OCN1-003 OM-201-1873	NDE-620 NDE-640	UT SGA Upper Head to Upper Tubesheet	CS	119.000 8.500	40393	Steam Generator 1A Upper Head to Upper Tubesheet. Piece 08 to 51.
B02.040.003	1-SGB-WG58-1 Circumferential	ISI-OCN1-004 OM-201-1873	NDE-620 NDE-640	UT SGB Upper Head to UpperTubesheet	CS	119.000 8.500	40393	Steam Generator 1B Upper Head to Upper Tubesheet. Piece 08 to 51.(inspect in 1st period of the third interval perIWB-1220(b))J

Total B02.040 Items: 2

Total Category B-B Items: 2

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.110.001	1-PZR-WP15 Circumferential	ISI OCN1-002 B&W129260E OM-201-1878	NDE-620 NDE-640	UT Pzr Surge Nozzle to Pzr Lower Head	CS	15.250 4.750	40394	Pressurizer Surge Nozzle Pc. 8 to Lower Head Pc. 6.

Total B03.110 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.120.001	1-PZR-WP15	ISI OCN1-002 B&W129260E OM-201-1878		UT Pzr Surge Nozzle to Pzr Lower Head	CS	15.250 3.375		Pressurizer Surge Nozzle Pc. 8 to Lower Head Pc. 6. (Inside Radius Section).

Total B03.120 Items: 1

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Heat Exchangers (Primary Side)

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.150.001	1-LDCA-IN-V1 Circumferential	ISO-1-44773-4 OM-201-3107 OFD-101A-1.1		UT Nozzle (Inlet Nozzle) to Channel Body	SS	3.000 0.875		LDC-A Tubeside Inlet Nozzle Pc. 05 to Channel Body Pc. 03.
B03.150.002	1-LDCA-OUT-V2 Circumferential	ISO-1-44773-4 OM-201-3107 OFD-101A-1.1		UT Nozzle (Outlet Nozzle) to Channel Body	SS	3.000 0.875		LDC-A Tubeside Outlet Nozzle Pc. 05 to Channel Body Pc. 03.

Total B03.150 Items: 2

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Heat Exchangers (Primary Side)

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.160.001	1-LDCA-IN-V1	ISO-1-44773-4 OM-201-3107 OFD-101A-1.1		UT Inlet Nozzle to Channel Body	SS	3.000 0.875		LDC-A Tubeside Inlet Nozzle Pc. 05 to Channel Body Pc. 03. (Inside Radius Section).
B03.160.002	1-LDCA-OUT-V2	ISO-1-44773-4 OM-201-3107 OFD-101A-1.1		UT Outlet Nozzle to Channel Body	SS	3.000 0.875		LDC-A Tubeside Outlet Nozzle Pc. 05 to Channel Body Pc. 03. (Inside Radius Section).

Total B03.160 Items: 2

Total Category B-D Items: 6

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger; Nozzle-to-Safe End Butt Welds ••••								
B05.040.001	1-PZR-WP23 Circumferential	ISI OCN1-002 OM-201-287	NDE-35	PT	SS/CS	11.375 1.930	Nozzle (Piece 8) to Safe End Pc.37	Pressurizer Surge Nozzle Pc. 8 to Pressurizer Surge Nozzle Safe End Pc.37.
B05.040.001A	1-PZR-WP23 Circumferential	ISI OCN1-002 OM-201-287		UT	SS/CS	11.375 1.930	Nozzle (Piece 8) to Safe End Pc.37	Pressurizer Surge Line Nozzle Pc. 8 to Safe End Pc. 37 at Pressurizer. UT from Nozzle Side.
B05.040.001B	1-PZR-WP23 Circumferential	ISI OCN1-002 OM-201-287		UT	SS/CS	11.375 1.930	Nozzle (Piece 8) to Safe End Pc.37	Pressurizer Surge Line Nozzle Pc. 8 to Safe End Pc. 37 at Pressurizer. UT from Safe End Side.

Total B05.040 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger; Dissimilar Metal Butt Welds ••••								
B05.130.002	1-PDA1-2 Circumferential	ISI OCN1-011 OM-201-1844	NDE-610	UT Safe end to Elbow	SS/CS	33.500 2.330	40350	Examine from the elbow side
B05.130.002A	1-PDA1-2 Circumferential	ISI OCN1-011 OM-201-1844	NDE-610	UT Safe end to Elbow	SS/CS	33.500 2.330	40397	Examine from the safe end side.
B05.130.002B	1-PDA1-2 Circumferential	ISI OCN1-011 OM-201-1844	NDE-35	PT Safe end to Elbow	SS/CS	33.500 2.330		
B05.130.009	1-PSL-10 Circumferential Stress weld	ISI OCN1-015 OM-201-594	NDE-610	UT Pipe to Nozzle (Pressurizer Surge)	SS/CS 140	10.750 1.000	TBD	Examine from the nozzle side.
B05.130.009A	1-PSL-10 Circumferential Stress weld	ISI OCN1-015 OM-201-594	NDE-610	UT Pipe to Nozzle (Pressurizer Surge)	SS/CS 140	10.750 1.000	TBD	Examine from the pipe side
B05.130.009B	1-PSL-10 Circumferential Stress weld	ISI OCN1-015 OM-201-594	NDE-35	PT Pipe to Nozzle (Pressurizer Surge)	SS/CS 140	10.750 1.000		

Total B05.130 Items: 6

Total Category B-F Items: 9

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Threads in Flange ••••								
B06.040.001	1-RPV-LIGAMENTS	OM-201-1007	NDE-640	UT	CS	200.000 12.500	40387	Reactor Vessel Flange Threads - 0-180 Degrees.

Total B06.040 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Flange Surface, when connection dissassembled ••••								
B06.190.001	1-RCP-1A1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.002	1-RCP-1A2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.003	1-RCP-1B1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.004	1-RCP-1B2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)

Total B06.190 Items: 4

Total Category B-G-1 Items: 5

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.020.001	1-PZR-UHB-STUDS	OM-201-9 OM-201-1262		VT-1	CS	2.000 0.000		Pressurizer Upper Heater Bundle Studs Pc. 75 (Total 16 Studs). Length = 17.875. All bolts, studs and nuts.

Total B07.020 Items: 1

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

Valves

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.070.005	1-53A-LP47-BOLTS	OM-245-001 OFD-102A-1.2		VT-1	CS	0.000 0.000		10" A-Side LPI Valve Bolting - Valve 1LP-47.

Total B07.070 Items: 1

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

CRD Housings

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.080.001	1-RPV-CRD-BOLTS	OM-201-2248 DPS 706599-1056 B&W152006E		VT-1	CS	1.250 0.000		CRD Housing Bolts (Total 8 Bolts) 2 Connections inspected to date; CRD # 38, # 59.(Inspect only if Disassembled)
B07.080.002	1-RPV-CRD-RINGS	OM-201-2248 DPS 706599-1056 B&W152006E		VT-1	CS	11.500 1.250		CRD Housing Rings ; 1 Pair per CRD Housing. 2 Connections inspected to date ; CRD # 38, #59.(Inspect only if Disassembled)

Total B07.080 Items: 2

Total Category B-G-2 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.011.066	1-PHA-2 Circumferential	ISI OCN1-005 OM-201-583	NDE-600	UT Pipe to Elbow (90)	CS	36.000 2.856	40350	
B09.011.066A	1-PHA-2 Circumferential	ISI OCN1-005 OM-201-583	NDE-25	MT Pipe to Elbow (90)	CS	36.000 2.856		
B09.011.089	1-53A-02-68L Circumferential	1-53A-02(3) OFD-102A-1.3	NDE-600	UT Pipe to Valve (1CF-11)	SS	14.000 1.250	40389	
B09.011.089A	1-53A-02-68L Circumferential	1-53A-02(3) OFD-102A-1.3	NDE-35	PT Pipe to Valve (1CF-11)	SS	14.000 1.250		
B09.011.091	1-53A-02-50L Circumferential	1-53A-02(3) OFD-102A-1.3	NDE-600	UT Elbow to Pipe	SS	14.000 1.250	40389	
B09.011.091A	1-53A-02-50L Circumferential	1-53A-02(3) OFD-102A-1.3	NDE-35	PT Elbow to Pipe	SS	14.000 1.250		
B09.011.092	1-53A-02-54LB Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-600	UT Pipe to Elbow	SS	10.000 1.000	40399	
B09.011.092A	1-53A-02-54LB Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-35	PT Pipe to Elbow	SS	10.000 1.000		
B09.011.094	1-53A-02-56L Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-600	UT Elbow to Pipe	SS	10.000 1.000	40399	
B09.011.094A	1-53A-02-56L Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-35	PT Elbow to Pipe	SS	10.000 1.000		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.011.095	1-53A-02-57L Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-600	UT Pipe to Elbow	SS	10.000 1.000	40399	
B09.011.095A	1-53A-02-57L Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-35	PT Pipe to Elbow	SS	10.000 1.000		
B09.011.096	1-53A-02-59LA Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-600	UT Elbow to Pipe	SS	10.000 1.000	40399	
B09.011.096A	1-53A-02-59LA Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-35	PT Elbow to Pipe	SS	10.000 1.000		
B09.011.097	1-53A-02-60L Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-600	UT Pipe to Elbow	SS	10.000 1.000	40399	
B09.011.097A	1-53A-02-60L Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-35	PT Pipe to Elbow	SS	10.000 1.000		
B09.011.105	1-PSL-7 Circumferential Term end / Stress weld	ISI OCN1-015	NDE-600	UT Elbow (90°) to Pipe	SS 140	10.750 1.000	40399	
B09.011.105A	1-PSL-7 Circumferential Term end / Stress weld	ISI OCN1-015	NDE-35	PT Elbow (90°) to Pipe	SS 140	10.750 1.000		
B09.011.106	1-PSL-8 Circumferential Stress weld	ISI OCN1-015	NDE-600	UT Elbow (90°) to Pipe	SS 140	10.750 1.000	40399	
B09.011.106A	1-PSL-8 Circumferential Stress weld	ISI OCN1-015	NDE-35	PT Elbow (90°) to Pipe	SS 140	10.750 1.000		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.011.107	1-PSL-9 Circumferential Stress weld	ISI OCN1-015	NDE-600	UT Elbow (90°) to Pipe	SS 140	10.750 1.000	40399	
B09.011.107A	1-PSL-9 Circumferential Stress weld	ISI OCN1-015	NDE-35	PT Elbow (90°) to Pipe	SS 140	10.750 1.000		
B09.011.110	1-53A-03-2A Circumferential	1-53A-03 OFD-102A-1.1	NDE-600	UT Elbow to Elbow	SS	12.000 1.125	40413	
B09.011.110A	1-53A-03-2A Circumferential	1-53A-03 OFD-102A-1.1	NDE-35	PT Elbow to Elbow	SS	12.000 1.125		
B09.011.119	1-PSP-3 Circumferential Stress weld	ISI OCN1-016	NDE-600	UT Elbow to Reducer (4 x 2.5)	SS 120	4.000 0.438	40406	
B09.011.119A	1-PSP-3 Circumferential Stress weld	ISI OCN1-016	NDE-35	PT Elbow to Reducer (4 x 2.5)	SS 120	4.000 0.438		

Total B09.011 Items: 26

•••• Longitudinal Welds ••••

B09.012.049	1-PHA-31LI Longitudinal	ISI OCN1-005 OM-201-583	NDE-600	UT Elbow (Long seam 90) to Elbow	CS	36.000 2.856	40350	
B09.012.049A	1-PHA-31LI Longitudinal	ISI OCN1-005 OM-201-583	NDE-25	MT Elbow (Long seam 90) to Elbow	CS	36.000 2.856		
B09.012.050	1-PHA-31LO Longitudinal	ISI OCN1-005 OM-201-583	NDE-600	UT Elbow (Long seam 90) to Elbow	CS	36.000 2.856	40350	

CATEGORY B-J, Pressure Retaining Welds In Piping

NPS 4 or Larger

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.012.050A	1-PHA-31LO	ISI OCN1-005	NDE-25	MT	CS	36.000		
Longitudinal		OM-201-583				2.856		
				Elbow (Long seam 90) to Elbow				

Total B09.012 Items: 4

CATEGORY B-J, Pressure Retaining Welds In Piping

Less Than NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.021.001	1-PSP-7 Circumferential	ISI OCN1-016 1-50-03	NDE-35	PT Tee (2.5 x 1.5) to Pipe	SS	2.875 0.375		
B09.021.007	1-PSP-23 Circumferential	ISI OCN1-016 1-50-03(1)	NDE-35	PT Elbow to Nozzle (NCP 1A1 disch nozzle)	SS 160	2.875 0.375		Duke weld no. 1-50-03-19
B09.021.019	1-50-47-1 Circumferential	1-50-47	NDE-35	PT Flange to Reducing insert (2.5x3)	SS 160	2.500 0.375		

Total B09.021 Items: 3

CATEGORY B-J, Pressure Retaining Welds In Piping

Branch Pipe Connection Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.030.004 Branch	1-PIA1-12	ISI OCN1-007 OM-201-1845	NDE-600	UT	CS/Inconel	8.750 2.250	TBD	Nozzle (Salvaged Pipe) to Pipe ((RTE Mounting Boss))
B09.030.004A Branch	1-PIA1-12	ISI OCN1-007 OM-201-1845	NDE-35	PT	CS/Inconel	8.750 2.250		Nozzle (Salvaged Pipe) to Pipe ((RTE Mounting Boss))

Total B09.030 Items: 2

•••• NPS 4 or Larger ••••

B09.031.001 Branch Stress weld	1-PHA-16	ISI OCN1-005 B&W 131918E6 OM-201-594	NDE-600	UT	CS	23.000 2.875	40350	Pipe to Nozzle (Surge Nozzle)
B09.031.001A Circumferential Stress weld	1-PHA-16	ISI OCN1-005 B&W 131918E6 OM-201-594	NDE-25	MT	CS	23.000 2.875		Pipe to Nozzle (Surge Nozzle)

Total B09.031 Items: 2

•••• Less Than NPS 4 ••••

B09.032.004 Branch Stress weld	1-PDA1-12	ISI OCN1-011 B&W 131925E9	NDE-35	PT	SS/CS	3.000 2.500		Safe end to Nozzle (Pressure spray nozzle)

Total B09.032 Items: 1

Total Category B-J Items: 38

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing Welds ••••								
B12.010.001	1-RCP-1A1	OM-201D-35 OM-201-1148 ISI-OCN1-007		RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.002	1-RCP-1A2	OM-201D-35 OM-201-1148 ISI-OCN1-008		RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.003	1-RCP-1B1	OM-201D-35 OM-201-1148 ISI-OCN1-009		RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.004	1-RCP-1B2	OM-201D-35 OM-201-1148 ISI-OCN1-010		RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)

Total B12.010 Items: 4

Pumps

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing ••••								
B12.020.001	1-RCP-1A1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-007		VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1A1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.002	1-RCP-1A2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-008		VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1A2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.003	1-RCP-1B1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-009		VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1b1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.004	1-RCP-1B2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-010		VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1B2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)

Total B12.020 Items: 4

Valves

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Valve Body, Exceeding NPS 4 ••••								
B12.050.001	1-53A-CF-11	OM-245-001 OFD-102A-1.3		VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	A- Side Core Flood (W-Axis) Valve Body - Valve CF-11 (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.002	1-53A-CF-12	OM-245-001 OFD-102A-1.3		VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	A-Side Core Flood (W- Axis) Valve Body - Valve CF-12. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.003	1-53A-CF-13	OM-245-001 OFD-102A-1.3		VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	B-Side Core Flood (Y- Axis) Valve Body - Valve CF-13. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.004	1-53A-CF-14	OM-245-001 OFD-102A-1.3		VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	B- Side Core Flood (Y- Axis) Valve Body - CF-14.
B12.050.005	1-53A-LP-1	OM-201-165 OFD-102A-1.1		VT-3	SS	15.250 0.000	Valve (Internal Surfaces) to Other	Decay Heat Suction from Reactor Coolant System. LP-1 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.006	1-53A-LP-2	OM-201-165 OFD-102A-1.1		VT-3	SS	15.250 0.000	Valve (Internal Surfaces) to Other	Decay Heat Suction from Reactor Coolant System. LP-2 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair,ect..)
B12.050.007	1-53A-LP-47	OM-245-001 OFD-102A-1.2		VT-3	SS	10.937 0.000	Valve (Internal Surfaces) to Other	B-Side LP1 Valve Body - Valve LP-47. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.008	1-53A-LP-48	OM-245-001 OFD-102A-1.2		VT-3	SS	10.937 0.000	Valve (Internal Surfaces) to Other	B-Side LP1 Valve Body - Valve LP-48.(Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)

Total B12.050 Items: 8

Total Category B-M-2 Items: 16

CATEGORY B-N-1, Interior of Reactor Vessel

Reactor Vessel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Vessel Interior ••••								
B13.010.001	1-RPV-INT-SURFACE	OM-201-1008 ISI OCN1-001		VT-3 Interior Surfaces to Other	SS	0.000 0.000		Reactor Vessel - Interior Surfaces of Vessel.

Total B13.010 Items: 1

Total Category B-N-1 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Welds in CRD Housing ••••								
B14.010.001	1-RPV-CRD-58WH9	OM-201-2186 OM-201-1059	NDE-35	PT Housing Body to Adapter	SS/Inconel	4.025 0.650		CRDM Housing Body MK-67 to Adapter MK-55.
B14.010.004	1-RPV-CRD-58W60	DPS 706599-1056 OFD-100A-1.1	NDE-35	PT Base to Motor Tube	SS/CS	5.000 0.500		CRDM Base to Motor Tube - CRDM # 58.
B14.010.007	1-RPV-CRD-58	DPS 706599-1056 OFD-100A-1.1	NDE-35	PT Motor Tube to Extension	SS/CS	4.300 0.400		CRDM Motor Tube to Extension - CRDM #58.
B14.010.010	1-RPV-CRD-58W61	DPS 706605-1058 OFD-100A-1.1	NDE-35	PT Extension to Cap	SS	4.190 0.380		Peripheral CRDM Extension to Cap - CRDM #58.

Total B14.010 Items: 4

Total Category B-O Items: 4

OCONEE NUMBER 1
CLASS A (CATEGO -P) REQUIREMENTS
FOR OUTAGE NUMBER 17

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
B15.050.001	SEE COMMENTS	N/A	LEAK	VARIOUS	RC SYSTEM	VT-2	QAL-15	Drawings that make up the Class A Leakage Boundary: OFDL-100A-1.1, OFDL-100A-1.2, OFDL-100A-1.3, OFDL-101A-1.1, OFDL-101A-1.4, OFDL-101A-1.5, OFDL-102A-1.1, OFDL-102A-1.2, OFDL-102A-1.3, OFDL-110A-1.1, OFDL-110A-1.4, OFDL-127B-1.2

CATEGORY C-A, Pressure Retaining Welds In Pressure Vessels

Shell Circumferential Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.010.001	1-SGA-WG8-2 Circumferential	ISI-OCN1-003 OM-201-1873	NDE-620 NDE-640	UT SGA Shell to SGA Nozzle Belt	CS	138.000 4.188	40394	Steam Generator 1A Shell Pc. 02 to Nozzle Belt Pc. 03.
C01.010.007	1-RC-STR-SH-1 Circumferential	OM-240-0076 OFD-101A-1.5	NDE-600	UT Strainer Body to Strainer Body	SS	6.625 0.216		SSF RC Make-UP Strainer Body Pc. 1 to Body Pc. 1.

Total C01.010 Items: 2

Total Category C-A Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Integrally Welded Attachments ••••								
C03.010.001	1-SGA-WG84-XY	OM-201-76 OM-201-0006	NDE-25	MT Attachment to Shell	CS	0.000 1.000		Steam Generator 1A Feedwater Header Support Attachment Pc. 152/153 to Pc. 3 X-Y Quadrant Nearest to X- Axis.
C03.010.002	1-SGA-WG84-YX	OM-201-76 OM-201-0006	NDE-25	MT Attachment to Shell	CS	0.000 1.000		Steam Generator 1A Feedwater Header Support Attachment Pc. 152/153 to Pc. 3 X-Y Quadrant Nearest to Y- Axis.

Total C03.010 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Integrally Welded Attachments ••••								
C03.020.002	1-01A-H12 Rigid restraint	0-550 OFD-122A-1.1	NDE-25	MT	CS	34.000 0.750		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.1 OF 3; System 01A;PAGE# 131.1; MAIN STEAM PIPING
C03.020.014	1-01A-R10 Rigid restraint	0-550 OFD-122A-1.1	NDE-25	MT	CS	34.000 1.000		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.2 OF 3; System 01A;PAGE# 132; MAIN STEAM PIPING
C03.020.021	1-14-H19A Rigid restraint	0-479A OFD-124B-1.2 1-14-13	NDE-25	MT	CS	8.000 1.000		Problem No;1-14-13 Sht.0-492A-2 Low Pressure Service Water Emergency Cooler 1A Inlet
C03.020.022	1-14-H19D Rigid restraint	0-479A OFD-124B-1.2 1-14-17	NDE-25	MT	CS	8.000 1.000		Problem No;1-14-17 Sht. 0-492A-5 Low Pressure Service Water Emergency Cooler 1A Outlet
C03.020.025	1-14-H22A Rigid restraint	0-480A OFD-124B-1.2 1-14-13	NDE-25	MT	NA	8.000 1.000		Problem No;1-14-13 Sht.0-492A-2 Low Pressure Service Water Emergency Cooler 1A Inlet
C03.020.049	1-53B-H65 Spring hanger	3-0-444 OFD-102A-1.1	NDE-35	PT	SS	8.000 1.500		Calculaton No. OS-406; Problem No. 1-53-03;SHT.1 OF 1 PAGE#71; SYSTEM 53B; DECAY HEAT PUMP 1B & 1C TO DECAY HT COOLER 1B
C03.020.051	1-53B-R13 Rigid restraint	5-0-444 OFD-102A-1.2	NDE-35	PT	SS	10.000 1.000		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
C03.020.055	1-53B-R7 Rigid restraint	5-0-435 OFD-102A-1.2	NDE-35	PT	SS	10.000 0.750		Calculation Number OS-408 Sheet 1 of 3; Problem 1-53-02 . System 53B.LPI Injection and Decay Heat Removal

Total C03.020 Items: 8

Total Category C-C Items: 10

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds ≥ 3/8 in. Nominal Wall Thickness for Piping > NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.011.004	1-53A-01-31LD Circumferential	1-53A-01(3) OFD-102A-1.2	NDE-600	UT Pipe to Pipe	SS	10.000 1.125	40354	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 53A category C5.21.
C05.011.004A	1-53A-01-31LD Circumferential	1-53A-01(3) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	10.000 1.125		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 53A category C5.21.

Total C05.011 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.021.005	1-51A-122-8 Circumferential	1-51A-122 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.005A	1-51A-122-8 Circumferential	1-51A-122 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.008	1-51A-122-21 Circumferential	1-51A-122 OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	4.000 0.674	40406	
C05.021.008A	1-51A-122-21 Circumferential	1-51A-122 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	4.000 0.674		
C05.021.013	1-51A-123-16 Circumferential	1-51A-123 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.013A	1-51A-123-16 Circumferential	1-51A-123 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.019	1-51A-124-12 Circumferential	1-51A-124 OFD-101A-1.3	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.019A	1-51A-124-12 Circumferential	1-51A-124 OFD-101A-1.3	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.025	1-51A-125-15 Circumferential	1-51A-125 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.025A	1-51A-125-15 Circumferential	1-51A-125 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping ≥ NPS 2 And ≤ NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.031	1-51A-14-1 Circumferential	1-51A-14 OFD-101A-1.1	NDE-600	UT Valve (1HP-21) to Pipe	SS	4.000 0.674	40406	
C05.021.031A	1-51A-14-1 Circumferential	1-51A-14 OFD-101A-1.1	NDE-35	PT Valve (1HP-21) to Pipe	SS	4.000 0.674		
C05.021.040	1-51A-01-85A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21.
C05.021.040A	1-51A-01-85A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		
C05.021.046	1-51A-01-98A Circumferential	1-51A-01(4) OFD-101A-1.3	NDE-600	UT Tee to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.046A	1-51A-01-98A Circumferential	1-51A-01(4) OFD-101A-1.3	NDE-35	PT Tee to Pipe	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.052	1-51A-02-17B Circumferential	1-51A-02 OFD-101A-1.4	NDE-600	UT Tee to Elbow	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.052A	1-51A-02-17B Circumferential	1-51A-02 OFD-101A-1.4	NDE-35	PT Tee to Elbow	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.062	1-51A-03-107B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-600	UT Pipe to Tee	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.062A	1-51A-03-107B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-35	PT Pipe to Tee	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping ≥ NPS 2 And ≤ NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.069	1-51A-136-7 Circumferential	1-51A-136 OFD-101A-1.1	NDE-600	UT Elbow to Pipe	SS	2.500 0.375	40378	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.069A	1-51A-136-7 Circumferential	1-51A-136 OFD-101A-1.1	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.075	1-51A-01-93A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 56. Borrowing from system 51A category C5.21
C05.021.075A	1-51A-01-93A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 56. Borrowing from system 51A category C5.21

Total C05.021 Items: 24

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Pipe Branch Connections of Branch Piping ≥ NPS 2

ITEM NUMBER		ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••									
C05.041.003	Branch	1-53B-01-101B	1-53B-01(2) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	8.000 0.250		
C05.041.004	Branch	1-53B-01-101BA	1-53B-01(2) OFD-102A-1.2	NDE-35	PT Reinforcing collar to Pipe	SS	8.000 0.250		Reinforcing collar at weld 101B.
C05.041.013	Branch	1-53B-06-26KC	1-53B-06(2) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	6.000 0.134		
C05.041.014	Branch	1-53B-06-26KI	1-53B-06(2) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	6.000 0.134		
C05.041.026	Branch	1-LP-94-15	1-LP-94 OFD-102A-1.2	NDE-35	PT Pipe to 10x6 weldolet	SS	6.000 0.280		
C05.041.027	Branch	1-54A-01-21AA	1-54A-01(1) OFD-102A-1.1	NDE-35	PT Pipe to Elbow	SS	3.000 0.216		

Total C05.041 Items: 6

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.051.001	1-01A-02-1B Circumferential	1-01A-02 OFD-122A-1.1	NDE-600	UT Pipe to Pipe	CS	36.000 1.164	TBD	
C05.051.001A	1-01A-02-1B Circumferential	1-01A-02 OFD-122A-1.1	NDE-25	MT Pipe to Pipe	CS	36.000 1.164		
C05.051.013	1-01A-02-29B Circumferential Term end	1-01A-02 OFD-122A-1.1	NDE-600	UT Reducer to Nozzle (SG 1B)	CS	24.000 0.969	TBD	
C05.051.013A	1-01A-02-29B Circumferential Term end	1-01A-02 OFD-122A-1.1	NDE-25	MT Reducer to Nozzle (SG 1B)	CS	24.000 0.969		
C05.051.018	1-01A-1-27C Circumferential	1-01A-01(3) OFD-122A-1.2	NDE-600	UT Tee to Pipe	CS	6.000 0.432	TBD	
C05.051.018A	1-01A-1-27C Circumferential	1-01A-01(3) OFD-122A-1.2	NDE-25	MT Tee to Pipe	CS	6.000 0.432		
C05.051.028	1-FWD83-A Circumferential	1-FWD83	NDE-600	UT Pipe to Elbow	CS	24.000 1.218	50444	Grinnell subassembly FWD83
C05.051.028A	1-FWD83-A Circumferential	1-FWD83	NDE-25	MT Pipe to Elbow	CS	24.000 1.218		
C05.051.035	1-03-03-30B Circumferential	1-03-03(1) OFD-121B-1.3	NDE-600	UT Elbow to Reducer	CS	14.000 0.750	TBD	
C05.051.035A	1-03-03-30B Circumferential	1-03-03(1) OFD-121B-1.3	NDE-25	MT Elbow to Reducer	CS	14.000 0.750		

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Piping Welds ≥ 3/8 in. Nominal Wall Thickness for Piping > NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.042	1-LPSW-345-21 Circumferential	1-LPSW-345 OFD-124B-1.2	NDE-600	UT Elbow to Pipe	CS	8.000 0.500	TBD	
C05.051.042A	1-LPSW-345-21 Circumferential	1-LPSW-345 OFD-124B-1.2	NDE-25	MT Elbow to Pipe	CS	8.000 0.500		
C05.051.046	1-LPSW-346-17 Circumferential	1-LPSW-346 OFD-124B-1.2	NDE-600	UT Pipe to Flange	CS	8.000 0.500	TBD	
C05.051.046A	1-LPSW-346-17 Circumferential	1-LPSW-346 OFD-124B-1.2	NDE-25	MT Pipe to Flange	CS	8.000 0.500		

Total C05.051 Items: 14

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.081.001	1-MS12A-I Branch	1-MS12A	NDE-25	MT Pipe to Pipe	CS	12.000 0.562		Grinnell subassembly MS12A

Total C05.081 Items: 1

Total Category C-F-2 Items: 47

OCONEE NUMBER 1
CLASS B (CATEGORY B-H) REQUIREMENTS
FOR OUTAGE NUMBER 17

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.001	OFDL-101A-1.1	00	INS/FUN	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 6 and 7
C07.030.002	OFDL-101A-1.2	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.003	OFDL-101A-1.3	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.004	OFDL-101A-1.4	00	INS/FUN	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 8, 9, 10, 23 and 52
C07.030.005	OFDL-101A-1.5	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.006	OFDL-102A-1.1	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 36, 37 and 57
C07.030.007	OFDL-102A-1.2	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16
C07.030.008	OFDL-102A-1.3	00	FUNCT	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetration 59
C07.030.009	OFDL-103A-1.1	00	FUNCT	VARIOUS	BS SYSTEM	VT-2	QAL-15	
C07.030.010	OFDL-104A-1.1	00	FUNCT	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.030.011	OFDL-104A-1.2	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.030.012	OFDL-106E-1.1	00	FUNCT	VARIOUS	DW SYSTEM	VT-2	QAL-15	Penetrations 46, 47 and 55
C07.030.013	OFDL-107A-1.1	00	FUNCT	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetrations 18 and 38
C07.030.014	OFDL-107A-1.2	00	FUNCT	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetration 29
C07.030.015	OFDL-107B-1.1	00	FUNCT	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 5
C07.030.016	OFDL-107D-1.2	00	FUNCT	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 40
C07.030.017	OFDL-110A-1.1	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetrations 1, 2 and 58
C07.030.018	OFDL-110A-1.3	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetration 42
C07.030.019	OFDL-110A-1.4	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	
C07.030.020	OFDL-116A-1.1	00	FUNCT	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 19 and 20

OCONEE NUMBER 1
CLASS B (CATEGO -H) REQUIREMENTS
FOR OUTAGE NUMBER 17

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.021	OFDL-116C-1.1	00	FUNCT	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 60 and 61
C07.030.022	OFDL-121B-1.3	00	INS/FUN	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 25 and 27
C07.030.023	OFDL-121B-1.5	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 4 and 43
C07.030.024	OFDL-121D-1.1	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	Penetrations 17 and 50
C07.030.025	OFDL-121D-1.2	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
C07.030.026	OFDL-122A-1.1	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	Penetrations 26 and 28
C07.030.027	OFDL-122A-1.2	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.028	OFDL-122A-1.3	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.029	OFDL-122A-1.4	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.030	OFDL-122B-1.1	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.031	OFDL-124B-1.2	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 30, 31, 32, 33, 34 and 35
C07.030.032	OFDL-124B-1.4	00	INSER	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 21 and 22
C07.030.033	OFDL-127B-1.2	00	FUNCT	VARIOUS	N SYSTEM	VT-2	QAL-15	Penetrations 39, 49 and 53
C07.030.034	OFDL-137A-1.3	00	FUNCT	VARIOUS	BA SYSTEM	VT-2	QAL-15	Penetration 48
C07.030.035	OFDL-137B-1.2	00	FUNCT	VARIOUS	IA SYSTEM	VT-2	QAL-15	Penetration 41
C07.030.036	OFDL-137E-1.1	00	FUNCT	VARIOUS	LRT SYSTEM	VT-2	QAL-15	Penetrations 45 and 51
C07.030.037	OFDL-144A-1.2	00	FUNCT	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetrations 3 and 54
C07.030.038	OFDL-144A-1.3	00	FUNCT	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetration 44

OCONEE NUMBER 1
CLASS C (CATEGORY-A) REQUIREMENTS
FOR OUTAGE NUMBER 17

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D01.011.001	OFDL-100A-1.3	00	INSER	VARIOUS	RC SYSTEM	VT-2	QAL-15	
D01.011.002	OFDL-101A-1.1	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.003	OFDL-101A-1.2	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.004	OFDL-101A-1.3	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.005	OFDL-101A-1.4	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.006	OFDL-101A-1.5	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.007	OFDL-102A-1.1	00	INSER	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.011.008	OFDL-102A-1.2	00	INSER	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.011.009	OFDL-106A-1.2	00	INSER	VARIOUS	CT SYSTEM	VT-2	QAL-15	
D01.011.010	OFDL-109A-1.1	00	INSER	VARIOUS	HP SYSTEM	VT-2	QAL-15	
D01.011.011	OFDL-110A-1.1	00	INSER	VARIOUS	CA SYSTEM	VT-2	QAL-15	
D01.011.012	OFDL-144A-1.2	00	INSER	VARIOUS	CC SYSTEM	VT-2	QAL-15	
D01.011.013	OFDL-110A-1.4	00	INSER	VARIOUS	CA SYSTEM	VT-2	QAL-15	

OCONEE NUMBER 1
CLASS C (CATEGORY B) REQUIREMENTS
FOR OUTAGE NUMBER 17

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.011.003	OFDL-121A-1.3	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.004	OFDL-121A-1.7	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.005	OFDL-121A-1.8	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.006	OFDL-121B-1.3	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.011.007	OFDL-121B-1.5	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.011.008	OFDL-121D-1.1	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.011.009	OFDL-121D-1.2	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.011.010	OFDL-122A-1.4	00	FUNCT	VARIOUS	MS SYSTEM	VT-2	QAL-15	
D02.011.011	OFDL-124A-1.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.012	OFDL-124A-1.3	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.013	OFDL-124A-2.3	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.014	OFDL-124B-1.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.015	OFDL-124B-1.2	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.016	OFDL-124B-1.4	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.017	OFDL-124B-1.5	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.018	OFDL-124B-2.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.019	OFDL-124C-1.2	00	FUNCT	VARIOUS	HPSW SYSTEM	VT-2	QAL-15	
D02.011.020	OFDL-133A-1.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.021	OFDL-133A-1.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.022	OFDL-133A-1.3	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	

OCONEE NUMBER 1
CLASS C (CATEGORY-B) REQUIREMENTS
FOR OUTAGE NUMBER 17

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.011.023	OFDL-133A-1.4	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.024	OFDL-133A-1.5	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.025	OFDL-133A-2.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.026	OFDL-133A-2.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.027	OFDL-133A-2.5	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.028	OFDL-133A-3.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.029	OFDL-133A-3.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.030	OFDL-133A-3.4	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.031	OFDL-137D-1.1	00	FUNCT	VARIOUS	DA SYSTEM	VT-2	QAL-15	
D02.011.032	OFDL-137D-1.2	00	FUNCT	VARIOUS	DA SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D02.020.001	1-01A-DE005 Rigid restraint	0-403C OFD-122A-1.4	QAL-14	VT-3	NA	6.000 0.750		Calculation Number OSC-325 Sheet 1 of 3; Problem 1-01-06 Page 88. System 01A Steam Supply to Emergency Feedwater Pump Turbine.
D02.020.002	1-01A-JEJ-1401 Rigid restraint	0-400A OFD-122A-1.4	QAL-14	VT-3	NA	6.000 0.250		Calculation Number OSC-325 Sheet 3 of 3; Problem 1-01-06 Page 91. System 01A Steam Supply to Emergency Feedwater Pump Turbine.
D02.020.015	1-03A-H155 Rigid restraint	1-0-400A OFD-121D-1.1	QAL-14	VT-3 SS to Other	NA	6.000 0.216		Calculaton No. OSC-1215 Page 21; Problem No.1- 03A-12. System 03A EMER. FEED.WTR. DISCHARGE
D02.020.016	1-03A-H159 Rigid restraint	1-0-400A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1215 Page 21; Problem No.1- 03A-12. System 03A EMER. FEED.WTR. DISCHARGE
D02.020.021	1-03A-H33 Rigid restraint	1-0-400A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1215 Page 21; Problem No.1- 03A-12. System 03A EMER. FEED.WTR. DISCHARGE
D02.020.028	1-03A-H5B Rigid restraint	0-480A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.203		Calculaton No. OSC-1224-16 Page 42;Problem No.1- 03A-14. System 03A AUX. SERVICE WATER PIPE
D02.020.033	1-03A-H8 Rigid restraint	1-0-439C OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.250		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.034	1-03A-H82 Rigid restraint	1-0-439B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.035	1-03A-H9 Rigid restraint	1-0-439C OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.250		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.036	1-03A-R37 Rigid restraint	1-0-400A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-343 Page 49; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.045	1-03A-SR31 Rigid restraint	1-0-401B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-343 Page 50; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.047	1-03A-SR40 Rigid restraint	1-0-439A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.048	1-03A-SR46 Rigid restraint	1-0-401A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-339 Page 80; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.
D02.020.063	1-03A-SR98 Rigid restraint	1-0-439C OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.071	1-07A-SR20 Rigid restraint	0-400B OFD-121A-1.7	QAL-14	VT-3 SS to Other	NA	30.000 0.375		Calculaton No. OSC-361 Page 88.1; Problem No.1-07A-01 System 07A
D02.020.076	1-14B-ASR21 Rigid restraint	0-1436C OFD-121D-1.2 4-14-3	QAL-14	VT-3	NA	10.000 1.000		Calculation No. OSC-394, page 77; Problem No. 4-14-3, sh. 2. Auxiliary Feed water Lines from Auxiliary Sevice Water Pump
D02.020.079	1-14B-DE011 Rigid restraint	0-439B OFD-124B-1.2 1-14-06	QAL-14	VT-3	NA	8.000 0.237		File OSC-1341 pg. 100. Low Pressure Service Water Suppy from Penetration 21, 30, 31 and 32 to Coolers 1A & 1B.
D02.020.085	1-14B-H25 Rigid restraint	0-436F OFD-124B-1.1	QAL-14	VT-3	NA	16.000 0.258		Calculaton No. OSC-1541; Problem No. 1-14-06 SHT. 2 OF 3. System 14B;PAGE 101; LPSW SUPPLY TO RB COMPONENT COOLERS & LP COOLERS 1A & 1B
D02.020.090	1-14B-SR34 Rigid restraint	0-400B OFD-124A-1.1	QAL-14	VT-3	NA	12.000 0.875		Calculation No. OSC-1541 Page 101, problem no. 1-14-06 page 2 of 3. Low Pressure Service Water
D02.020.096	1-14B-SR45 Rigid restraint	0-439B OFD-124B-1.2 1-14-04	QAL-14	VT-3	NA	8.000 0.258		File OSC-376 pg. 78. Low Pressure Service Water Discharge I. E. B. 79-14, System 14B, sheet 1 of 3

Total D02.020 Items: 20

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Mechanical and Hydraulic Snubbers ••••								
D02.030.001	1-01A-R11 Mech snubber	4-2-0-400A OFD-122A-1.4	QAL-14	VT-3	NA	6.000 0.250		Calculation Number OSC-325 Sheet 3 of 3; Problem 1-01-06 Page 91. System 01A Steam Supply to Emergency Feedwater Pump Turbine.

Total D02.030 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Spring Type Supports ••••								
D02.040.007	1-03-H61 Spring hanger	0-439A OFD-121B-1.3	QAL-14	VT-3	NA	24.000 0.187		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
D02.040.013	1-03A-H75 Spring hanger	1-0-438B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-342 Page 102; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS

Total D02.040 Items: 2

Total Category D-B Items: 23

OCONEE U[illegible]UMBER 1
CLASS C (CATEGOR[illegible]C) REQUIREMENTS
FOR OUTAGE NUMBER 17

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D03.011.001	OFDL-104A-1.1	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	
D03.011.002	OFDL-104A-1.2	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D03.020.002	1-56-H10 Rigid restraint	4-0-437B OFD-104A-1.2	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling Fig.162 Size 8
D03.020.013	1-56-SR13 Rigid restraint	0-438C OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.750		Calculaton No. OSC-421 Page 93; Problem No.4-56-02 Spent Fuel Cooling System 56
D03.020.017	1-56-SR21 Rigid restraint	0-437B OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.750		Calculaton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56

Total D03.020 Items: 3

Total Category D-C Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.006	1-51A-H9B Rigid restraint	0-479A OFD-101A-1.4 1-51-26	QAL-14	VT-3	NA	2.500 0.000		Calculation No. OSC-1304-06, page 6(1)32.2; Problem No. 1-15-26. High Pressure Injection.
Total F01.010 Items:	**1**							
F01.012.001	1-50-H1 Hyd snubber	0-481A OFD-100A-1.2 1-50-01	QAL-14	VT-3	NA	2.500 0.000		File OSC-1314-06 page 129. Pressurizer Relief Valve System
F01.012.002	1-50-H11 Hyd snubber	0-480A OFD-100A-1.1	QAL-14	VT-3	NA	28.000 0.000		Calculaton No. OSC-1314-06 Page 129; Problem No.1-50-01 Pressurizer Spray System System 50
Total F01.012 Items:	**2**							

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.012	1-14-H96 Rigid restraint	0-480A OFD-124B-1.3 1-14-15	QAL-14	VT-3	NA	8.000 0.237		Calculation No. OSC-1409, Problem 1-14-15 sh. 2. Low Pressure Service Water
F01.020.017	1-51A-H138 Rigid support	0-435C OFD-101A-1.3	QAL-14	VT-3	NA	4.000 0.000		Calculaton No. OSC-1410 Page105; Problem No. 1-51-13 . System 51 HPI INJ.
F01.020.023	1-53-TWE-2879 Rigid restraint	0-438C OFD-102A-1.1	QAL-14	VT-3	NA	14.000 0.000		Calculaton No. OSC-407; Problem No. 1-53-1;SHT.3 OF 4 PAGE# 106; SYSTEM 53 LP INJECTION LINE
F01.020.024	1-53B-DE026 Rigid restraint	0-435B OFD-102A-1.2	QAL-14	VT-3	NA	10.000 0.000		Calculation Number OS-408 Sheet 1 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
F01.020.028	1-53B-H10 Rigid support	2-0-436E OFD-101A-1.3	QAL-14	VT-3	NA	6.000 0.216		Calculaton No. OSC-1535 Page 136; Problem No. 1-51-2 Sheet 2 of 8. System 51
F01.020.039	1-54A-H3 Rigid restraint	3-0-436 OFD-103A-1.1	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OSC-1628 Page 60; Problem No. 1-54-01 Sheet 1 of 1. System 54A Auxiliary Building.
F01.020.041	1-54A-R15 Rigid restraint	0-444 OFD-103A-1.1	QAL-14	VT-3	NA	8.000 0.500		Calculaton No. OS-416 Page 58.1; Problem No. 1-54-03, Sheet 1 of 1. System 54A Auxiliary Building.

Total F01.020 Items: 7

F01.021.007	1-14-H22A Rigid restraint	0-480A OFD-124B-1.2 1-14-13	QAL-14	VT-3	NA	8.000 1.000		Problem No;1-14-13 Sht.0-492A-2 Low Pressure Service Water Emergency Cooler 1A Inlet
F01.021.009	1-51-SR3 Rigid restraint	0-436H OFD-101A-1.2	QAL-14	VT-3	NA	4.000 0.000		Calculaton No. OSC-1535 Page135-1;Problem No.1-51-2 HPI Pump Suction Header With Branches From B.W.S.T.,L.S.T. And L.P Coolers 1A/1B

CATEGORY F-A, Supports (Category B)

Class 2 Weld Connections to Building Structure

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.021.010	1-51-SR45 Rigid support	0-439C OFD-101A-1.3	QAL-14	VT-3	NA	4.000 0.000		Calculaton No. OSC-1537 Page 55.1; Problem No. 1-51-5 . System 51
F01.021.021	1-54A-H19 Rigid restraint	3-0-439A OFD-103A-1.1	QAL-14	VT-3	NA	8.000 0.500		Calculaton No. OS-416 Page 58.1; Problem No. 1-54-03, Sheet 1 of 1. System 54A Auxiliary Building.

Total F01.021 Items: 4

F01.022.002	1-01A-FAC-1203 Spring hanger	0-401A OFD-122A-1.3	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-324; Problem No. 1-01-5, SHT. 2 OF 3; PAGE 42.1;System 01A;STEAM SUPPLY TO FEEDWATER PUMP TURBINE
F01.022.008	1-03-H2A Constant suppor	0-479A OFD-121B-1.3	QAL-14	VT-3	NA	14.000 0.000		Calculation No. OSC-1297-06; Problem No. 1-03-06 Sheet 1 of 2; System 03 Steam Generator 1A
F01.022.009	1-03A-H6202 Spring hanger	0-480A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1224-16 Page 43;Problem No.1- 03A-14. System 03A AUX. SERVICE WATER PIPE
F01.022.013	1-51A-H80 Mech snubber	0-439C OFD-101A-1.4 1-51-04	QAL-14	VT-3	NA	4.000 0.000		Calculation No. OSC-1639, page 33; Problem No. 1-51-04. High Pressure Injection.

Total F01.022 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.002	1-02A-TR7 Rigid restraint	4-403A OFD-122A-1.4	QAL-14	VT-3 Sway Strut to Other	NA	6.000 0.000		Calculation Number OSC-325 Sheet 3 of 3; Problem 1-01-06 Page 91. System 01A Steam Supply to Emergency Feedwater Pump Turbine.
F01.030.004	1-03A-DE015 Rigid restraint	0-401A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-343 Page 51; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
F01.030.008	1-03A-H142 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1215 Page 21; Problem No.1- 03A-12. System 03A EMER. FEED.WTR. DISCHARGE
F01.030.010	1-03A-H19 Rigid restraint	1-0-439B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-339 Page 80; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.
F01.030.013	1-03A-H62 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1215 Page 21; Problem No.1- 03A-12. System 03A EMER. FEED.WTR. DISCHARGE
F01.030.014	1-03A-H80 Rigid restraint	1-0-439B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE

Total F01.030 Items: 6

F01.031.004	1-03A-H82 Rigid restraint	1-0-439B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
F01.031.009	1-14-H6016 Rigid restraint	0-478E OFD-121D-1.1	QAL-14	VT-3 SS to Other	NA	6.000 0.000		Calculaton No. OSC-1224-16 Page 44;Problem No.1- 03A-14. System 03A AUX. SERVICE WATER PIPE

Total F01.031 Items: 2

Class 3 Weld/Mech Conns at Inter Joints in Multiconn Int & Nonint Supp

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.032.009	1-14B-DE060 Spring hanger	0-437A OFD-124B-1.1	QAL-14	VT-3	NA	16.000 0.000		Calculaton No. OSC-393; Problem No. 1-14-5 SHT.1 OF 1. System 14B;PAGE 78; LPSW BETWEEN LP COOLER 1B AUX BLD & TURBINE BLD BASEMENT FLOOR

Total F01.032 Items: 1

Total Category F-A Items: 27

Reactor Coolant Pump Flywheel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G01.001.001	1-RCP-1A1 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1A1 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.001A	1-RCP-1A1 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1A1 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.002	1-RCP-1A2 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1A2 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.002A	1-RCP-1A2 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1A2 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.003	1-RCP-1B1 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1B1 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.003A	1-RCP-1B1 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1B1 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.004	1-RCP-1B2 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1B2 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.004A	1-RCP-1B2 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1B2 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.

Total G01.001 Items: 8

Total Category AUG Items: 8

High Pressure Injection Nozzle Safe End

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G02.001.001	1-PDA1-47 Circumferential	ISI OCN1-011 OM-201-597	NDE-610	UT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.001A	1-PDA1-47 Circumferential	ISI OCN1-011 OM-201-597	NDE-12	RT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.002	1-PDA2-47 Circumferential	ISI OCN1-012 OM-201-597	NDE-610	UT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.002A	1-PDA2-47 Circumferential	ISI OCN1-012 OM-201-597	NDE-12	RT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.003	1-PDB1-47 Circumferential	ISI OCN1-013 OM-201-597	NDE-610	UT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.003A	1-PDB1-47 Circumferential	ISI OCN1-013 OM-201-597	NDE-12	RT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.004	1-PDB2-47 Circumferential	ISI OCN1-014 OM-201-597	NDE-610	UT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.004A	1-PDB2-47 Circumferential	ISI OCN1-014 OM-201-597	NDE-12	RT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.

Total G02.001 Items: 8

Total Category AUG Items: 8

Circumferential Pipe Welds With A Nom. Wall Thk. < 3/8" and > NPS 4"

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G09.001.002	1-51A-01-39A Circumferential	1-51A-01(1) OFD-101A-1.3	NDE-35	PT Elbow to Valve (1HP-107)	SS	6.000 0.280		
G09.001.008	1-53B-02-A33 Circumferential	1-53B-02(2) OFD-102A-1.1	NDE-35	PT Tee to Pipe	SS	14.000 0.250		
G09.001.014	1-53B-04-7J Circumferential	1-53B-04 OFD-102A-1.1	NDE-35	PT Pipe to Valve (1LP-30)	SS	14.000 0.250		
G09.001.020	1-53B-06-42K Circumferential	1-53B-06(4) OFD-102A-1.2	NDE-35	PT Elbow to Pipe	SS	10.000 0.250		
G09.001.026	1-53B-14-5 Circumferential	1-53B-14 OFD-102A-1.1	NDE-35	PT Elbow to Pipe	SS	12.000 0.180		
G09.001.032	1-54A-01-10A Circumferential	1-54A-01(2) OFD-102A-1.1	NDE-35	PT Elbow to Elbow	SS	10.000 0.250		
G09.001.038	1-54A-04-28C Circumferential	1-54A-04(1) OFD-103A-1.1	NDE-35	PT Elbow to Pipe	SS	8.000 0.250		
G09.001.044	1-54A-04-83C Circumferential	1-54A-04(3) OFD-103A-1.1	NDE-35	PT Elbow to Pipe	SS	8.000 0.250		

Total G09.001 Items: 8

Total Category AUG Items: 8

CATEGORY B-B, Pressure Retaining Welds in Vessels Other Than Reactor Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Shell-to-Head Welds; Circumferential ••••								
B02.011.003	1-PZR-WP4 Circumferential	ISI OCN1-002 OM-201-1878	NDE-620 NDE-640	UT Pzr (03) to 04/41	CS	84.000 6.188	40338	Lower shell to heater belt shell (inspect in the third interval during the first,second and third periods per IWB 2420(B).)

Total B02.011 Items: 1

CATEGORY B-B, Pressure Retaining Welds in Vessels Other Than Reactor Vessels

Heat Exchangers (Primary Side)—Shell

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Tubesheet-to-Head Welds ••••								
B02.060.001	1-LDCA-IN-V3 Circumferential	1-44773-4 OM-201-3107 OFD-101A-1.1	NDE-630	UT Tubesheet to Channel Body	SS	8.620 0.875	40411	LDC-A Inlet Tubesheet Pc. 03 to Channel Body Pc. 02.
B02.060.002	1-LDCA-OUT-V4 Circumferential	1-44773-4 OM-201-3107 OFD-101A-1.1	NDE-630	UT Tubesheet to Channel Body	SS	8.620 0.875	40411	LDC-A Outlet Tubesheet Pc. 03 to Channel Body Pc. 02.

Total B02.060 Items: 2

Total Category B-B Items: 3

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.110.006	1-PZR-WP26-4 Circumferential	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-620 NDE-640	UT Pzr Nozzle to Shell	CS	5.750 6.187	40338	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.1 W- X Quadrant.
B03.110.007	1-PZR-WP26-5 Circumferential	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-620 NDE-640	UT Pzr Nozzle to Shell	CS	5.750 6.187	40338	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.1 Z-Y Quadrant.
B03.110.008	1-PZR-WP26-6 Circumferential	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-620 NDE-640	UT Pzr Nozzle to Shell	CS	5.750 6.187	40338	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.1 W-Z Quadrant.

Total B03.110 Items: 3

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.120.006	1-PZR-WP26-4	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-680	UT Pzr Nozzle to Pzr Heater Belt Shell	CS	5.750 2.531	TBD	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.1 W & X Quadrant. (Inside Radius Section).
B03.120.007	1-PZR-WP26-5	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-680	UT Pzr Nozzle to Pzr Heater Belt Shell	CS	5.750 2.531	TBD	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.1 Z & Y Quadrant. (Inside Radius Section).
B03.120.008	1-PZR-WP26-6	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-680	UT Pzr Nozzle to Pzr Heater Belt Shell	CS	5.750 2.531	TBD	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.1 W & Z Quadrant. (Inside Radius Section).

Total B03.120 Items: 3

Total Category B-D Items: 6

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger; Dissimilar Metal Butt Welds ••••								
B05.130.007	1-PIB2-7 Circumferential Stress weld	ISI OCN1-010 OM-201-1845	NDE-610	UT Pipe to Reducer (Safe end)	SS/CS	33.500 2.330	40350	Examine from the pipe side.
B05.130.007A	1-PIB2-7 Circumferential Stress weld	ISI OCN1-010 OM-201-1845	NDE-610	UT Pipe to Reducer (Safe end)	SS/CS	33.500 2.330	40397	Examine from the safe end side.
B05.130.007B	1-PIB2-7 Circumferential Stress weld	ISI OCN1-010 OM-201-1845	NDE-35	PT Pipe to Reducer (Safe end)	SS/CS	33.500 2.330		
B05.130.008	1-PDB2-2 Circumferential Stress weld	ISI OCN1-014 OM-201-1844	NDE-610	UT Pipe (Safe end) to Elbow (13 degree)	SS/CS	33.500 2.333	40350	Examine from the elbow side.
B05.130.008A	1-PDB2-2 Circumferential Stress weld	ISI OCN1-014 OM-201-1844	NDE-610	UT Pipe (Safe end) to Elbow (13 degree)	SS/CS	33.500 2.333	40397	Examine from the safe end side.
B05.130.008B	1-PDB2-2 Circumferential Stress weld	ISI OCN1-014 OM-201-1844	NDE-35	PT Pipe (Safe end) to Elbow (13 degree)	SS/CS	33.500 2.333		
B05.130.015	1-PHA-14 Circumferential	ISI OCN1-005	NDE-610	UT Pipe to RTE Mounting Boss	CS/Inconel	9.000 2.875	TBD	This weld covers the Y-Z Axis
B05.130.015A	1-PHA-14 Circumferential	ISI OCN1-005	NDE-35	PT Pipe to RTE Mounting Boss	CS/Inconel	9.000 2.875		
B05.130.016	1-PHA-15 Circumferential	ISI OCN1-005	NDE-610	UT Pipe to RTE Mounting Boss	CS/Inconel	9.000 2.875	TBD	This weld covers the Z- W Axis
B05.130.016A	1-PHA-15 Circumferential	ISI OCN1-005	NDE-35	PT Pipe to RTE Mounting Boss	CS/Inconel	9.000 2.875		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS

Total B05.130 Items: 10

CATEGORY B-F, Pressure Retaining Dissimilar Metal Welds

Piping

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Less Than NPS 4; Dissimilar Metal Butt Welds ••••								
B05.140.004	1-PDA2-11 Circumferential	ISI OCN1-012 OM-201-1870	NDE-35	PT	SS/CS	3.500 0.750		Nozzle (Pressure injection nozzle) to Safe End
B05.140.006	1-PIB2-11 Circumferential	ISI OCN1-010 OM-201-1845	NDE-35	PT	CS/Inconel	3.500 0.816		Nozzle (Drain Nozzle) to Pipe (Safe End)

Total B05.140 Items: 2

Total Category B-F Items: 12

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Closure Head Nuts ••••								
B06.010.021	1-RPV-26-203-21	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.022	1-RPV-26-203-22	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.023	1-RPV-26-203-23	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.024	1-RPV-26-203-24	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.025	1-RPV-26-203-25	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.026	1-RPV-26-203-26	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.027	1-RPV-26-203-62	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.028	1-RPV-26-203-28	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.029	1-RPV-26-203-29	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.030	1-RPV-26-203-30	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.010.031	1-RPV-26-203-61	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.032	1-RPV-26-203-32	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.033	1-RPV-26-203-33	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.034	1-RPV-26-203-34	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.035	1-RPV-26-203-35	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.036	1-RPV-26-203-36	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.037	1-RPV-26-203-37	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.038	1-RPV-26-203-38	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.039	1-RPV-26-203-39	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.040	1-RPV-26-203-40	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut

Total B06.010 Items: 20

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Closure Studs, when removed ••••								
B06.030.021	1-RPV-25-203-21	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.021A	1-RPV-25-203-21	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.022	1-RPV-25-203-22	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.022A	1-RPV-25-203-22	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.023	1-RPV-25-203-23	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.023A	1-RPV-25-203-23	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.024	1-RPV-25-203-24	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.024A	1-RPV-25-203-24	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.025	1-RPV-25-203-25	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.025A	1-RPV-25-203-25	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.026	1-RPV-25-203-26	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.026A	1-RPV-25-203-26	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.027	1-RPV-25-203-27	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.027A	1-RPV-25-203-27	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.028	1-RPV-25-203-63	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.028A	1-RPV-25-203-63	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.029	1-RPV-25-203-29	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.029A	1-RPV-25-203-29	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.030	1-RPV-25-203-30	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.030A	1-RPV-25-203-30	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.031	1-RPV-25-203-61	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.031A	1-RPV-25-203-61	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.032	1-RPV-25-203-32	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.032A	1-RPV-25-203-32	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.033	1-RPV-25-203-33	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.033A	1-RPV-25-203-33	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.034	1-RPV-25-203-34	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.034A	1-RPV-25-203-34	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.035	1-RPV-25-203-35	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.035A	1-RPV-25-203-35	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.036	1-RPV-25-203-36	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.036A	1-RPV-25-203-36	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.037	1-RPV-25-203-37	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.037A	1RPV-25-203-37	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.038	1-RPV-25-203-38	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.038A	1-RPV-25-203-38	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.039	1-RPV-25-203-65	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.039A	1-RPV-25-203-65	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.040	1-RPV-25-203-40	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.040A	1-RPV-25-203-40	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

Total B06.030 Items: 40

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Closure Washers, Bushings ••••								
B06.050.001A	1-RPV-WASH-BUSH	B&W128723E	QAL-13	VT-1	CS	9.750 0.214		Reactor Vessel Closure Washers and Bushings. Stud Holes 21 - 40

Total B06.050 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Flange Surface, when connection dissassembled ••••								
B06.190.001	1-RCP-1A1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.002	1-RCP-1A2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.003	1-RCP-1B1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.004	1-RCP-1B2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)

Total B06.190 Items: 4

Total Category B-G-1 Items: 65

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.030.001	1-SGA-UMW-BOLTS	OM-201-550 OM-201-352	QAL-13	VT-1	SS	0.000 0.000		Steam Generator 1A Upper Head Manway Studs and Nuts. (Total 16 Studs Pc. 111 and Nuts Pc. 109).
B07.030.005	1-SGA-UHIC-BOLTS	OM-201-550 OM-201-352	QAL-13	VT-1	SS	0.000 0.000		Steam Generator 1A Upper Head Inspection Cover Studs and Nuts. (Total 12 Studs Pc. 112 and Nuts Pc. 110).

Total B07.030 Items: 2

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

Piping

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.050.001	1-50-RC4	OM-2245-86	QAL-13	VT-1	CS	0.000 0.000		Pressurizer EMO Valve 1RC-4 Nozzle Flange Bolting (Between W & E Axis Connected to Valve 1RC-66) Total 16 Studs Pc. 19; 16 Nuts Pc. 20.
B07.050.002	1-50-RC66	B&W129262E OM-201-1026	QAL-13	VT-1	CS	0.000 0.000		Pressurizer Relief Valve RC-66 (Between W&Z Axis) Total 8 Bolts, Inlet and Outlet Flange; 8 Nuts Inlet and Outlet Flange.

Total B07.050 Items: 2

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

Pumps

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.060.001	1-RCP-1A1-SEAL	OM-201D-34 OM-201D-0057	QAL-13	VT-1	CS	2.000 0.000		Reactor Coolant Pump 1A1 Lower Seal Housing Bolts - 12 Cap Screws Pc. 26. Length = 8.000.

Total B07.060 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.070.009	1-51A-HP126-BOLTS	OM-246-015 OFD-101A-1.4	QAL-13	VT-1	NA	0.000 0.000		High Pressure Injection Valve 1HP-126 Bolting (Total 12 Bolts Pc. 31, 12 Nuts Pc. 30).
B07.070.010	1-51A-HP127-BOLTS	OM-246-015 OFD-101A-1.4	QAL-13	VT-1	NA	0.000 0.000		High Pressure Injection Valve 1HP-127 Bolting (Total 12 Bolts Pc. 31, 12 Nuts Pc. 30)
B07.070.016	1-50-RC4	OM-2245-86	QAL-13	VT-1	CS	0.000 0.000		Pressurizer EMO Valve 1RC-4 (Pressure retaining valve body bolting)
B07.070.017	1-50-RC66	B&W129262E OM-201-1026	QAL-13	VT-1	CS	0.000 0.000		Pressurizer Relief Valve RC-66 (Pressure retaining valve body bolting)

Total B07.070 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.080.001	1-RPV-CRD-BOLTS	OM-201-2248 DPS 706599-1056 B&W152006E	QAL-13	VT-1	CS	1.250 0.000		CRD Housing Bolts (Total 8 Bolts) 2 Connections inspected to date; CRD # 38, # 59.(Inspect only if Disassembled)
B07.080.002	1-RPV-CRD-RINGS	OM-201-2248 DPS 706599-1056 B&W152006E	QAL-13	VT-1	CS	11.500 1.250		CRD Housing Rings ; 1 Pair per CRD Housing. 2 Connections inspected to date ; CRD # 38, #59.(Inspect only if Disassembled)

Total B07.080 Items: 2

Total Category B-G-2 Items: 11

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.011.024	1-PIA2-1 Circumferential Term end / Stress weld	ISI OCN1-008 B&W 131914E6	NDE-600	UT Nozzle (Steam Generator 1A) to Pipe	CS	33.500 2.330	40350	
B09.011.024A	1-PIA2-1 Circumferential Term end / Stress weld	ISI OCN1-008 B&W 131914E6	NDE-25	MT Nozzle (Steam Generator 1A) to Pipe	CS	33.500 2.330		
B09.011.036	1-PIB1-5 Circumferential	ISI OCN1-009 B&W 131914E6	NDE-600	UT Elbow to Pipe	CS	33.500 2.330	40350	Inspect during the 1st, 2nd and 3rd period in order to comply with surveillance requirements. Inspection in 3rd period (RFO 20) is for surveillance and for the required examination for the 3rd interval.
B09.011.112	1-PSL-1 Circumferential Stress weld	ISI OCN1-015	NDE-600	UT Elbow (90°) to Nozzle (Surge nozzle safe end)	SS 140	10.750 1.000	40399	
B09.011.112A	1-PSL-1 Circumferential	ISI OCN1-015	NDE-35	PT Elbow (90°) to Nozzle (Surge nozzle safe end)	SS 140	10.750 1.000		

Total B09.011 Items: 5

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.021.002	1-PSP-4 Circumferential Stress weld	ISI OCN1-016 1-50-03(1)	NDE-35	PT Reducer (4 x 2.5) to Pipe	SS 160	2.875 0.375		
B09.021.008	1-51A-11-87 Circumferential Stress weld	1-51A-11(3) OFD-101A-1.4	NDE-35	PT Pipe to Safe-End	SS	2.500 0.375		
B09.021.009	1-51A-11-88 Circumferential	1-51A-11(3) OFD-101A-1.4	NDE-35	PT Pipe to Valve (1HP-152)	SS	2.500 0.375		
B09.021.009A	1-51A-11-89 Circumferential Stress weld	1-51A-11(3) OFD-101A-1.4	NDE-35	PT Pipe to Safe-End	SS	2.500 0.375		
B09.021.011	1-51A-07-14E Circumferential	1-51A-07(1) OFD 100A-1.1	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.012	1-51A-07-18E Circumferential	1-51A-07(1) OFD 100A-1.1	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.013	1-51A-07-22E Circumferential	1-51A-07(1) OFD 100A-1.1	NDE-35	PT Pipe to Elbow (45)	SS	2.500 0.375		
B09.021.014	1-51A-07-24EA Circumferential	1-51A-07(1) OFD 100A-1.1	NDE-35	PT Pipe to Pipe	SS	2.500 0.375		
B09.021.015	1-51A-07-29E Circumferential	1-51A-07(2) OFD 100A-1.1	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.016	1-51A-07-33E Circumferential	1-51A-07(2) OFD 100A-1.1	NDE-35	PT Pipe to Tee	SS	2.500 0.375		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.021.062	1-51A-134A-6 Circumferential	1-51A-134A OFD-101A-1.1	NDE-35	PT Pipe to Reducer	SS	2.500 0.375		
B09.021.065	1-51A-137-1B Circumferential Term end	1-51A-137 OFD-101A-1.1	NDE-35	PT Reducer (Letdown Clr 1B) to Elbow	SS	3.000 0.438		
B09.021.066	1-51A-137-7 Circumferential	1-51A-137 OFD-101A-1.1	NDE-35	PT Pipe to Reducer	SS	3.000 0.438		

Total B09.021 Items: 13

CATEGORY B-J, Pressure Retaining Welds In Piping

Branch Pipe Connection Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger ••••								
B09.031.007 Branch	1-PIB2-12	ISI OCN1-010 OM-201-2296	NDE-600	UT	CS/Inconel	8.750 2.250	TBD	
				Nozzle (Salvaged pipe) to Pipe (RTE Mounting pipe)				
B09.031.007A Branch	1-PIB2-12	ISI OCN1-010 OM-201-2296	NDE-35	PT	CS/Inconel	8.750 2.250		
				Nozzle (Salvaged pipe) to Pipe (RTE Mounting pipe)				
Total B09.031 Items:	**2**							
•••• Less Than NPS 4 ••••								
B09.032.005 Branch Stress weld	1-PDA1-10	ISI OCN1-011 OM-201-597	NDE-25	MT	CS	3.000 2.250		
				Safe End to Nozzle (Pressure injection nozzle)				
Total B09.032 Items:	**1**							

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.040.006	1-50-127-8BA Circumferential	1-50-127	NDE-35	PT Elbow to Pipe	SS 160	1.500 0.281		Auxiliary Pressurizer Spray Line
B09.040.007	1-50-127-3 Circumferential	1-50-127	NDE-35	PT Pipe to Full coupling	SS 160	1.500 0.281		Auxiliary Pressurizer Spray Line
B09.040.008	1-50-127-21A Circumferential	1-50-127	NDE-35	PT Pipe to Valve (1LP-46)	SS 160	1.500 0.281		Auxiliary Pressurizer Spray Line
B09.040.009	1-50-03-42A Socket Stress weld	1-50-03(1)	NDE-35	PT Pipe to Valve (1LP-46)	SS 160	1.500 0.281		Auxiliary Pressurizer Spray Line

Total B09.040 Items: 4

Total Category B-J Items: 25

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing Welds ••••								
B12.010.001	1-RCP-1A1	OM-201D-35 OM-201-1148 ISI-OCN1-007	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.002	1-RCP-1A2	OM-201D-35 OM-201-1148 ISI-OCN1-008	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.003	1-RCP-1B1	OM-201D-35 OM-201-1148 ISI-OCN1-009	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.004	1-RCP-1B2	OM-201D-35 OM-201-1148 ISI-OCN1-010	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)

Total B12.010 Items: 4

Pumps

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing ••••								
B12.020.001	1-RCP-1A1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-007	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1A1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.002	1-RCP-1A2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-008	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1A2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.003	1-RCP-1B1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-009	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1b1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.004	1-RCP-1B2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-010	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1B2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)

Total B12.020 Items: 4

Valves

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Valve Body, Exceeding NPS 4 ••••								
B12.050.001	1-53A-CF-11	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	A- Side Core Flood (W-Axis) Valve Body - Valve CF-11 (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.002	1-53A-CF-12	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	A-Side Core Flood (W- Axis) Valve Body - Valve CF-12. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.003	1-53A-CF-13	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	B-Side Core Flood (Y- Axis) Valve Body - Valve CF-13. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.004	1-53A-CF-14	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	B- Side Core Flood (Y- Axis) Valve Body - CF-14.
B12.050.005	1-53A-LP-1	OM-201-165 OFD-102A-1.1	QAL-14	VT-3	SS	15.250 0.000	Valve (Internal Surfaces) to Other	Decay Heat Suction from Reactor Coolant System. LP-1 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.006	1-53A-LP-2	OM-201-165 OFD-102A-1.1	QAL-14	VT-3	SS	15.250 0.000	Valve (Internal Surfaces) to Other	Decay Heat Suction from Reactor Coolant System. LP-2 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair,ect..)
B12.050.007	1-53A-LP-47	OM-245-001 OFD-102A-1.2	QAL-14	VT-3	SS	10.937 0.000	Valve (Internal Surfaces) to Other	B-Side LP1 Valve Body - Valve LP-47. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.008	1-53A-LP-48	OM-245-001 OFD-102A-1.2	QAL-14	VT-3	SS	10.937 0.000	Valve (Internal Surfaces) to Other	B-Side LP1 Valve Body - Valve LP-48.(Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)

Total B12.050 Items: 8

Total Category B-M-2 Items: 16

OCONEE UNIT NUMBER 1
CLASS A (CATEGORY B) REQUIREMENTS
FOR OUTAGE NUMBER 18

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
B15.050.001	SEE COMMENTS	N/A	LEAK	VARIOUS	RC SYSTEM	VT-2	QAL-15	Drawings that make up the Class A Leakage Boundary: OFDL-100A-1.1, OFDL-100A-1.2, OFDL-100A-1.3, OFDL-101A-1.1, OFDL-101A-1.4, OFDL-101A-1.5, OFDL-102A-1.1, OFDL-102A-1.2, OFDL-102A-1.3, OFDL-110A-1.1, OFDL-110A-1.4, OFDL-127B-1.2

DUKE P[illegible]R COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System
Oconee Unit 1
Inservice Inspection Plan for Interval 3 Outage 3

CATEGORY C-A Pressure Retaining Welds in Pressure Vessels

Shell Circumferential Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.010.004	1-SGB-WG8-4 Circumferential	ISI-OCN1-004 OM-201-1873	NDE-620 NDE-640	UT SGB shell to SGB shell	CS	138.000 4.188	40339	Steam Generator 1B Shell Pc.05 to Shell 06.
C01.010.008	1-LPCB-SH-1 Circumferential	OM-201-0286 OM-201-3131	NDE-630	UT Shell to Shell	SS	0.000 0.750	40385	LP Cooler 1B Stainless Steel Shell to Shell
C01.010.009	1-LPCB-SH-2 Circumferential	OM-201-0286 OM-201-3131	NDE-630	UT Flange to Shell	SS	0.000 0.750	40385	LP Cooler 1B Stainless Steel Blind Flange to Shell

Total C01.010 Items: 3

Total Category C-A Items: 3

CATEGORY C-[illegible]ressure Retaining Nozzle Welds In Vessels

[illegible] Nozzles in Vessels ≤ 1/2 in. Nominal Thickness

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Shell (or Head) Weld ••••								
C02.011.001	1-LPCA-INLET Circumferential	OM-201-0286 OFD-102A-1.2 OM-201-3131	NDE-25	MT Inlet Nozzle to Shell	SS	0.000 0.750		LP Cooler 1A Inlet Nozzle to Shell.
C02.011.002	1-LPCA-OUTLET Circumferential	OM-201-0286 OFD-102A-1.2 OM-201-3131	NDE-25	MT Outlet Nozzle to Shell	SS	0.000 0.750		LP Cooler 1A Outlet Nozzle to Shell.

Total C02.011 Items: 2

Total Category C-B Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Integrally Welded Attachments ••••								
C03.010.005	1-SGB-WG84-YZ	OM-201-76 OM-201-0006	NDE-25	MT Attachment to Shell	CS	0.000 1.000		Steam Generator 1B Feedwater Header Support Attachment Pc. 152/153 to Pc. 3 Y-Z Quadrant Nearest to Y- Axis.
C03.010.006	1-SGB-WG84-ZY	OM-201-76 OM-201-0006	NDE-25	MT Attachment to Shell	CS	0.000 1.000		Steam Generator 1B Feedwater Header Support Attachment Pc. 152/153 to Pc. 3 Y-Z Quadrant Nearest to Z- Axis.
C03.010.007	1-SGB-WG84-ZW	OM-201-76 OM-201-0006	NDE-25	MT Attachment to Shell	CS	0.000 1.000		Steam Generator 1B Feedwater Header Support Attachment Pc. 152/153 to Pc. 3 Z-W Quadrant Nearest to Z- Axis.

Total C03.010 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Integrally Welded Attachments ••••								
03.020.011	1-01A-H8B Constant support	0-481A OFD-122A-1.1	NDE-25	MT	CS	24.250 1.500		Calculaton No. OSC-1296-06; Problem No. 1-01-08; System 01A;PAGE# 6 (1)-25.18; MAIN STEAM FROM PEN 28 TO SG 1B
03.020.017	1-01A-R6 Mech snubber	0-550 OFD-122A-1.1	NDE-25	MT	CS	34.000 1.000		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.2 OF 3; System 01A;PAGE# 132; MAIN STEAM PIPING
03.020.018	1-01A-R7 Mech snubber	0-550 OFD-122A-1.1	NDE-25	MT	CS	34.000 1.000		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.1 OF 3; System 01A;PAGE# 131.1; MAIN STEAM PIPING
03.020.023	1-14-H2 Rigid restraint	0-479A OFD-124B-1.2 1-14-16	NDE-25	MT	CS	6.000 0.750		Problem No;1-14-16 Sht.0-492A-4 Low Pressure Service Water Emergency Cooler 1C Inlet
03.020.024	1-14-H20D Rigid restraint	0-479A OFD-124B-1.2 1-14-17	NDE-25	MT	CS	8.000 1.000		Problem No;1-14-17 Sht. 0-492A-5 Low Pressure Service Water Emergency Cooler 1A Outlet
03.020.026	1-14-H22D Rigid restraint	0-480A OFD-124B-1.2 1-14-17	NDE-25	MT	CS	8.000 1.000		Problem No;1-14-17 Sht. 0-492A-5 Low Pressure Service Water Emergency Cooler 1A Outlet
03.020.032	1-51-SR4 Rigid support	0-435C OFD-101A-1.3	NDE-35	PT	SS	6.000 0.750		Calculaton No. OSC-1535 Page 136; Problem No. 1-51-2 Sheet 2 of 8. System 51
03.020.036	1-51-SR5 Rigid support	0-435C OFD-101A-1.3	NDE-35	PT	SS	6.000 0.750		Calculaton No. OSC-1535 Page 136; Problem No. 1-51-2 Sheet 2 of 8. System 51
03.020.042	1-53B-DE063 Rigid restraint	0-435B OFD-102A-1.1	NDE-35	PT	SS	14.000 1.000		Calculaton No. OS-407; Problem No. 1-53-1;SHT.1 OF 4 PAGE#104; SYSTEM 53B; LP INJECTION LINE
03.020.048	1-53B-H6 Rigid support	2-0-436E OFD-101A-1.3	NDE-35	PT	SS	8.000 0.000		Calculaton No. OSC-1535 Page 136; Problem No. 1-51-2 Sheet 2 of 8. System 51

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.011.005	1-53A-01-31L Circumferential	1-53A-01(3) OFD-102A-1.2	NDE-600	UT Pipe to Valve (1LP-48)	SS	10.000 1.125	40354	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 53A category C5.21.
C05.011.005A	1-53A-01-31L Circumferential	1-53A-01(3) OFD-102A-1.2	NDE-35	PT Pipe to Valve (1LP-48)	SS	10.000 1.125		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 53A category C5.21.

Total C05.011 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C03.020.050	1-53B-R11 Rigid restraint	5-0-444 OFD-102A-1.2	NDE-35	PT	SS	10.000 0.875		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
C03.020.058	1-54A-R11 Rigid restraint	3-0-439A OFD-103A-1.1	NDE-35	PT	SS	8.000 1.000		Calculaton No. OS-416 Page 58.1; Problem No. 1-54-03, Sheet 1 of 1. System 54A Auxiliary Building.
C03.020.060	1-54A-R16 Mech snubber	0-439A OFD-103A-1.1	NDE-35	PT	SS	8.000 1.000		Calculaton No. OS-416 Page 58.1; Problem No. 1-54-03, Sheet 1 of 1. System 54A Auxiliary Building.
C03.020.061	1-54A-R27 Rigid restraint	3-0-436D OFD-103A-1.1	NDE-35	PT	SS	8.000 1.000		Calculaton No. OSC-1628 Page 60; Problem No. 1-54-01 Sheet 1 of 1. System 54A Auxiliary Building.
C03.020.071	1-JWC-1608 Rigid support	0-490B-3A OM-201-0176	NDE-25	MT	CS	0.000 1.000		Main Fdwtr. B-Rigid W-X Axis Attach. closest to W Axis
C03.020.072	1-JWC-1605 Rigid support	0-490B-3A OM-201-0176	NDE-25	MT	CS	0.000 1.000		Main Fdwtr. A-Rigid X-Y Axis Attach. closest to Y Axis

Total C03.020 Items: 16

Total Category C-C Items: 19

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.021.003	1-51A-03-93BA Circumferential	1-51A-03(1) OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	
C05.021.003A	1-51A-03-93BA Circumferential	1-51A-03(1) OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		
C05.021.009	1-51A-122-4 Circumferential	1-51A-122 OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	
C05.021.009A	1-51A-122-4 Circumferential	1-51A-122 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		
C05.021.014	1-51A-124-2 Circumferential	1-51A-124 OFD-101A-1.3	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.014A	1-51A-124-2 Circumferential	1-51A-124 OFD-101A-1.3	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.020	1-51A-125-3 Circumferential	1-51A-125 OFD-101A-1.4	NDE-600	UT Pipe to Pipe	SS	4.000 0.531	40406	
C05.021.020A	1-51A-125-3 Circumferential	1-51A-125 OFD-101A-1.4	NDE-35	PT Pipe to Pipe	SS	4.000 0.531		
C05.021.026	1-51A-126-1 Circumferential	1-51A-126 OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	
C05.021.026A	1-51A-126-1 Circumferential	1-51A-126 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.032	1-51A-14-3 Circumferential	1-51A-14 OFD-101A-1.1	NDE-600	UT Pipe to Elbow	SS	4.000 0.674	40406	
C05.021.032	1-51A-14-3 Circumferential	1-51A-14 OFD-101A-1.1	NDE-35	PT Pipe to Elbow	SS	4.000 0.674		
C05.021.041	1-51A-01-76A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-600	UT Tee to Valve (1HP-117)	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21.
C05.021.041A	1-51A-01-76A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-35	PT Tee to Valve (1HP-117)	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21.
C05.021.047	1-51A-01-116A Circumferential	1-51A-01(4) OFD-101A-1.3	NDE-600	UT Tee to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.047A	1-51A-01-116A Circumferential	1-51A-01(4) OFD-101A-1.3	NDE-35	PT Tee to Pipe	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.053	1-51A-02-65B Circumferential	1-51A-02 OFD-101A-1.3	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.053A	1-51A-02-65B Circumferential	1-51A-02 OFD-101A-1.3	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.057	1-51A-03-93BB Circumferential	1-51A-03(1) OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.057A	1-51A-03-93BB Circumferential	1-51A-03(1) OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.063	1-51A-03-111B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-600	UT Pipe to Tee	SS	4.000 0.674	40406	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.063A	1-51A-03-111B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-35	PT Pipe to Tee	SS	4.000 0.674		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.070	1-51A-136-10 Circumferential	1-51A-136 OFD-101A-1.1	NDE-600	UT Pipe to Elbow	SS	2.500 0.375	40378	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.070A	1-51A-136-10 Circumferential	1-51A-136 OFD-101A-1.1	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21

Total C05.021 Items: 24

ITEM NUMBER		ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••									
C05.041.005	Branch	1-53B-03-27E	1-53B-03(3) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	8.000 0.250		
C05.041.015	Branch	1-53B-07-23	1-53B-07(1) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	6.000 0.134		
C05.041.028	Branch	1-54A-01-11AA	1-54A-01(2) OFD-102A-1.1	NDE-35	PT Pipe to Pipe	SS	3.000 0.316		

Total C05.041 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.051.002	1-01A-02-13B Circumferential	1-01A-02 OFD-122A-1.1	NDE-600	UT Elbow to Pipe	CS	26.000 0.875	TBD	
C05.051.002A	1-01A-02-13B Circumferential	1-01A-02 OFD-122A-1.1	NDE-25	MT Elbow to Pipe	CS	26.000 0.875		
C05.051.004	1-MS1B-B Circumferential	1-01A-2	NDE-600	UT Elbow to Pipe	CS	26.000 0.875	TBD	Grinnell subassembly MS1B
C05.051.004A	1-MS1B-B Circumferential	1-01A-2	NDE-25	MT Elbow to Pipe	CS	26.000 0.875		
C05.051.014	1-01A-02-34B Circumferential Term end	1-01A-02 OFD-122A-1.1	NDE-600	UT Reducer to Nozzle (SG 1B)	CS	24.000 0.969	TBD	
C05.051.014A	1-01A-02-34B Circumferential Term end	1-01A-02 OFD-122A-1.1	NDE-25	MT Reducer to Nozzle (SG 1B)	CS	24.000 0.969		
C05.051.015	1-MS21A-D Circumferential	1-01A-1(3)	NDE-600	UT Elbow (Y) to Pipe	CS	24.000 0.969	TBD	Grinnell subassembly MS21A
C05.051.015A	1-MS21A-D Circumferential	1-01A-1(3)	NDE-25	MT Elbow (Y) to Pipe	CS	24.000 0.969		
C05.051.026	1-FWD64-E Circumferential	1-FWD64	NDE-600	UT Elbow to Reducer	CS	24.000 1.219	TBD	
C05.051.026A	1-FWD64-E Circumferential	1-FWD64	NDE-25	MT Elbow to Reducer	CS	24.000 1.219		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
05.051.031	1-55-3-81B Circumferential	1-55-3 OFD-144A-1.2	NDE-600	UT Pipe to Flange	CS	8.000 0.500	TBD	
05.051.031A	1-55-3-81B Circumferential	1-55-3 OFD-144A-1.2	NDE-25	MT Pipe to Flange	CS	8.000 0.500		
05.051.037	1-LPSW-344-21 Circumferential	1-LPSW-344 OFD-124B-1.2	NDE-600	UT Pipe to Elbow	CS	8.000 0.500	TBD	
05.051.037A	1-LPSW-344-21 Circumferential	1-LPSW-344 OFD-124B-1.2	NDE-25	MT Pipe to Elbow	CS	8.000 0.500		
05.051.041	1-LPSW-345-19 Circumferential	1-LPSW-345 OFD-124B-1.2	NDE-600	UT Elbow to Pipe	CS	8.000 0.500	TBD	
05.051.041A	1-LPSW-345-19 Circumferential	1-LPSW-345 OFD-124B-1.2	NDE-25	MT Elbow to Pipe	CS	8.000 0.500		
05.051.047	1-LPSW-346-37 Circumferential	1-LPSW-346 OFD-124B-1.2	NDE-600	UT Pipe to Elbow	CS	8.000 0.500	TBD	
05.051.047A	1-LPSW-346-37 Circumferential	1-LPSW-346 OFD-124B-1.2	NDE-25	MT Pipe to Elbow	CS	8.000 0.500		

Total C05.051 Items: 18

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Pipe Branch Connections of Branch Piping ≥ NPS 2

ITEM NUMBER		ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••									
C05.081.002	Branch	1-MS15B-D	1-MS15B	NDE-25	MT Pipe to Pipe	CS	8.000 0.906		Grinnell subassembly MS15B
C05.081.005	Branch	1-03-10-134DA	1-03-10 OFD-121B-1.3	NDE-25	MT Pipe to Tee	CS	14.000 0.750		

Total C05.081 Items: 2

Total Category C-F-2 Items: 49

OCONEE UNIT NUMBER 1
CLASS B (CATEGORY C-H) REQUIREMENTS
FOR OUTAGE NUMBER 18

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.001	OFDL-101A-1.1	00	INS/FUN	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 6 and 7
C07.030.002	OFDL-101A-1.2	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.003	OFDL-101A-1.3	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.004	OFDL-101A-1.4	00	INS/FUN	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 8, 9, 10, 23 and 52
C07.030.005	OFDL-101A-1.5	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.006	OFDL-102A-1.1	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 36, 37 and 57
C07.030.007	OFDL-102A-1.2	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16
C07.030.008	OFDL-102A-1.3	00	FUNCT	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetration 59
C07.030.009	OFDL-103A-1.1	00	FUNCT	VARIOUS	BS SYSTEM	VT-2	QAL-15	
C07.030.010	OFDL-104A-1.1	00	FUNCT	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.030.011	OFDL-104A-1.2	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.030.012	OFDL-106E-1.1	00	FUNCT	VARIOUS	DW SYSTEM	VT-2	QAL-15	Penetrations 46, 47 and 55
C07.030.013	OFDL-107A-1.1	00	FUNCT	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetrations 18 and 38
C07.030.014	OFDL-107A-1.2	00	FUNCT	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetration 29
C07.030.015	OFDL-107B-1.1	00	FUNCT	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 5
C07.030.016	OFDL-107D-1.2	00	FUNCT	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 40
C07.030.017	OFDL-110A-1.1	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetrations 1, 2 and 58
C07.030.018	OFDL-110A-1.3	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetration 42
C07.030.019	OFDL-110A-1.4	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	
C07.030.020	OFDL-116A-1.1	00	FUNCT	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 19 and 20

OCONEE UNIT NUMBER 1
CLASS B (CATEGORY C-H) REQUIREMENTS
FOR OUTAGE NUMBER 18

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.021	OFDL-116C-1.1	00	FUNCT	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 60 and 61
C07.030.022	OFDL-121B-1.3	00	INS/FUN	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 25 and 27
C07.030.023	OFDL-121B-1.5	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 4 and 43
C07.030.024	OFDL-121D-1.1	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	Penetrations 17 and 50
C07.030.025	OFDL-121D-1.2	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
C07.030.026	OFDL-122A-1.1	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	Penetrations 26 and 28
C07.030.027	OFDL-122A-1.2	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.028	OFDL-122A-1.3	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.029	OFDL-122A-1.4	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.030	OFDL-122B-1.1	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.031	OFDL-124B-1.2	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 30, 31, 32, 33, 34 and 35
C07.030.032	OFDL-124B-1.4	00	INSER	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 21 and 22
C07.030.033	OFDL-127B-1.2	00	FUNCT	VARIOUS	N SYSTEM	VT-2	QAL-15	Penetrations 39, 49 and 53
C07.030.034	OFDL-137A-1.3	00	FUNCT	VARIOUS	BA SYSTEM	VT-2	QAL-15	Penetration 48
C07.030.035	OFDL-137B-1.2	00	FUNCT	VARIOUS	IA SYSTEM	VT-2	QAL-15	Penetration 41
C07.030.036	OFDL-137E-1.1	00	FUNCT	VARIOUS	LRT SYSTEM	VT-2	QAL-15	Penetrations 45 and 51
C07.030.037	OFDL-144A-1.2	00	FUNCT	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetrations 3 and 54
C07.030.038	OFDL-144A-1.3	00	FUNCT	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetration 44
C07.040.002	OFDH-101A-1.2	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.040.003	OFDH-101A-1.3	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	

OCONEE UNIT NUMBER 1
CLASS B (CATEGORY C-H) REQUIREMENTS
FOR OUTAGE NUMBER 18

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.040.006	OFDH-102A-1.1	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 36, 37 and 57
C07.040.007	OFDH-102A-1.2	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16
C07.040.011	OFDH-104A-1.2	00	HYDRO	VARIOUS	SF SYSTEM	VT-2	QAL-15	

OCONEE UNIT NUMBER 1
CLASS C (CATEGORY B-A) REQUIREMENTS
FOR OUTAGE NUMBER 18

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D01.011.001	OFDL-100A-1.3	00	INSER	VARIOUS	RC SYSTEM	VT-2	QAL-15	
D01.011.002	OFDL-101A-1.1	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.003	OFDL-101A-1.2	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.004	OFDL-101A-1.3	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.005	OFDL-101A-1.4	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.006	OFDL-101A-1.5	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.007	OFDL-102A-1.1	00	INSER	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.011.008	OFDL-102A-1.2	00	INSER	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.011.009	OFDL-106A-1.2	00	INSER	VARIOUS	CT SYSTEM	VT-2	QAL-15	
D01.011.010	OFDL-109A-1.1	00	INSER	VARIOUS	HP SYSTEM	VT-2	QAL-15	
D01.011.011	OFDL-110A-1.1	00	INSER	VARIOUS	CA SYSTEM	VT-2	QAL-15	
D01.011.012	OFDL-144A-1.2	00	INSER	VARIOUS	CC SYSTEM	VT-2	QAL-15	
D01.011.013	OFDL-110A-1.4	00	INSER	VARIOUS	CA SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D01.020.001	1-51-SR15 Rigid restraint	0-436H OFD-101A-1.2	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-1535 Page135-1;Problem No.1-51-2 HPI Pump Suction Header With Branches From B.W.S.T.,L.S.T. And L.P Coolers 1A/1B

Total D01.020 Items: 1

Total Category D-A Items: 1

OCONEE UNIT NUMBER 1
CLASS C (CATEGORY B-B) REQUIREMENTS
FOR OUTAGE NUMBER 18

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.011.003	OFDL-121A-1.3	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.004	OFDL-121A-1.7	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.005	OFDL-121A-1.8	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.006	OFDL-121B-1.3	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.011.007	OFDL-121B-1.5	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.011.008	OFDL-121D-1.1	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.011.009	OFDL-121D-1.2	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.011.010	OFDL-122A-1.4	00	FUNCT	VARIOUS	MS SYSTEM	VT-2	QAL-15	
D02.011.011	OFDL-124A-1.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.012	OFDL-124A-1.3	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.013	OFDL-124A-2.3	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.014	OFDL-124B-1.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.015	OFDL-124B-1.2	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.016	OFDL-124B-1.4	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.017	OFDL-124B-1.5	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.018	OFDL-124B-2.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.019	OFDL-124C-1.2	00	FUNCT	VARIOUS	HPSW SYSTEM	VT-2	QAL-15	
D02.011.020	OFDL-133A-1.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.021	OFDL-133A-1.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.022	OFDL-133A-1.3	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	

OCONEE UNIT NUMBER 1
CLASS C (CATEGORY A-B) REQUIREMENTS
FOR OUTAGE NUMBER 18

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.011.023	OFDL-133A-1.4	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.024	OFDL-133A-1.5	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.025	OFDL-133A-2.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.026	OFDL-133A-2.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.027	OFDL-133A-2.5	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.028	OFDL-133A-3.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.029	OFDL-133A-3.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.030	OFDL-133A-3.4	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.031	OFDL-137D-1.1	00	FUNCT	VARIOUS	DA SYSTEM	VT-2	QAL-15	
D02.011.032	OFDL-137D-1.2	00	FUNCT	VARIOUS	DA SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D02.020.008	1-03A-DE049 Rigid restraint	0-401B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-343 Page 50; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.017	1-03A-H1A Rigid restraint	0-480A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1224-16 Page 41;Problem No.1- 03A-14. System 03A AUX. SERVICE WATER PIPE
D02.020.029	1-03A-H6 Rigid restraint	1-0-439C OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.250		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.030	1-03A-H7 Rigid restraint	1-0-439C OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.250		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.037	1-03A-R38 Rigid restraint	1-0-400A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.500		Calculaton No. OSC-343 Page 49; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.041	1-03A-SR17 Rigid restraint	1-0-401A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-343 Page 49; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.052	1-03A-SR5 Rigid restraint	1-0-401A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-339 Page79; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.
D02.020.059	1-03A-SR9 Rigid restraint	1-0-401A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-343 Page 51; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.065	1-04A-R4 Rigid restraint	2-0-439B OFD-121B-1.5	QAL-14	VT-3	NA	6.000 0.375		Calculaton No. OSC-1404 Page 77;Problem No.1- 04A-06. System 04A OTSG SECONDARY SIDE DRAIN TO COND.
D02.020.069	1-07A-H35 Rigid restraint	6-0-400A OFD-121A-1.8	QAL-14	VT-3	NA	12.000 0.750		Calculaton No. OSC-361 Page 86; Problem No.1-07A-01 L.P.& H.P.Condensate System 07A

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.077	1-14B-ASR8 Rigid restraint	0-444 OFD-121D-1.2 1-03A-5	QAL-14	VT-3	NA	6.000 0.500		Calculation No. OSC-339, page 81; Problem No. 1-03A-5, sh. 3. 6" Emergency Feed Water
D02.020.081	1-14B-DE061 Rigid restraint	0-437A OFD-124B-1.1	QAL-14	VT-3 FIG# 162 to Other	NA	16.000 0.187		Calculaton No. OSC-393; Problem No. 1-14-5 SHT.1 OF 1. System 14B;PAGE 78; LPSW BETWEEN LP COOLER 1B AUX BLD & TURBINE BLD BASEMENT FLOOR
D02.020.086	1-14B-H3 Rigid restraint	0-439B OFD-124B-1.2 1-14-06	QAL-14	VT-3	NA	14.000 0.322		File OSC-1341 pg. 100. Low Pressure Service Water Suppy from Penetration 21, 30, 31 and 32 to Coolers 1A & 1B.
D02.020.091	1-14B-SR35 Rigid restraint	0-400B OFD-124A-1.1	QAL-14	VT-3	NA	24.000 3.500		Calculation No. OSC-1541 Page 101, problem no. 1-14-06 page 2 of 3. Low Pressure Service Water
D02.020.097	1-14B-SR51 Rigid restraint	0-437A OFD-124B-1.1	QAL-14	VT-3	NA	14.000 1.625		Calculaton No. OSC-1541; Problem No. 1-14-06 SHT. 2 OF 3. System 14B;PAGE 101; LPSW SUPPLY TO RB COMPONENT COOLERS & LP COOLERS 1A & 1B
D02.020.104	1-57-H4 Rigid restraint	0-479A OFD-107A-1.1	QAL-14	VT-3	NA	12.000 2.000		Calculaton No. OSC-1313-06 Page 44.1; Problem No.1-57-01 Pressurizer Relief Valve System System 57

Total D02.020 Items: 16

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Mechanical and Hydraulic Snubbers ••••								
D02.030.005	1-03-R7 Hyd snubber	0-551 OFD-121B-1.3	QAL-14	VT-3	NA	24.000 1.000		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
D02.030.006	1-57-H14 Hyd snubber	0-481A OFD-100A-1.2	QAL-14	VT-3	NA	8.000 0.216		Calculaton No. OS-1313-06 Page 44.1;Problem No.1-57-01. System 57 Pressurizer Relief Valve System

Total D02.030 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Spring Type Supports ••••								
D02.040.010	1-03A-H199 Spring hanger	1-0-400A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-343 Page 49; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.040.011	1-03A-H29 Spring hanger	1-0-400A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.562		Calculaton No. OSC-343 Page 49; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.040.012	1-03A-H61 Spring hanger	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-342 Page 104; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS

Total D02.040 Items: 3

Total Category D-B Items: 21

OCONEE UN[illegible]MBER 1
CLASS C (CATEGORY [illegible]C) REQUIREMENTS
FOR OUTAGE NUMBER 18

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D03.011.001	OFDL-104A-1.1	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	
D03.011.002	OFDL-104A-1.2	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D03.020.004	1-56-H18 Rigid restraint	5-0-437B OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OSC-1359-02 Page 28 ; Problem No.4-56-07 Spent Fuel Cooling (Suction Side) System 56 (Fig. 162 Size 8)
D03.020.009	1-56-H58 Rigid restraint	2-0-437B OFD-104A-1.2	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling Fig.162 Size 8

Total D03.020 Items: 2

Total Category D-C Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.001	1-51A-H11B Rigid restraint	0-479A OFD-101A-1.4 1-51-26	QAL-14	VT-3	NA	2.500 0.000		Calculation No. OSC-1304-06, page 6(1)32.2; Problem No. 1-15-26. High Pressure Injection.
F01.010.004	1-51A-H3C Rigid restraint	0-478A OFD-101A-1.1	QAL-14	VT-3	NA	2.500 0.750		Calculaton No. OSC-1660-11; Problem No. 1-55-03;SHT.4 OF 4; System 51A;PAGE# 68; RC PUMP PIPING TO HP INJECTION LETDOWN COOLERS
Total F01.010 Items:	**2**							
F01.011.001	1-51A-H10B Rigid restraint	0-479A OFD-101A-1.4 1-51-26	QAL-14	VT-3	NA	2.500 0.000		Calculation No. OSC-1304-06, page 6(1)32.2; Problem No. 1-15-26. High Pressure Injection.
F01.011.002	1-51A-H2C Rigid restraint	0-478A OFD-101A-1.1	QAL-14	VT-3	NA	2.500 0.154		Calculaton No. OSC-1660-11; Problem No. 1-55-03;SHT.4 OF 4; System 51A;PAGE# 68; RC PUMP PIPING TO HP INJECTION LETDOWN COOLERS
Total F01.011 Items:	**2**							
F01.012.014	1-53A-H5B Spring hanger	0-478A OFD-102A-1.3	QAL-14	VT-3	NA	10.000 0.000		Calculaton No. OSC-1300 Problem No.1-53-08 System 53A Low Pressure Inj. System East Iso.
Total F01.012 Items:	**1**							

Class 2 Weld Connections to Building Structure

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.002	1-01A-H2 Rigid restraint	0-550 OFD-122A-1.1	QAL-14	VT-3 SS to Other	NA	34.000 0.000		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.1 OF 3; System 01A;PAGE# 131.1; MAIN STEAM PIPING
F01.020.006	1-14-H18 Rigid restraint	0-479A OFD-124B-1.2 1-14-14	QAL-14	VT-3	NA	8.000 0.000		File OSC-1407 Sh 16. Low Pressure Service Water from Penetration 32 to Cooler1B. Problem No;1-14-14
F01.020.014	1-51-SR4 Rigid support	0-435C OFD-101A-1.3	QAL-14	VT-3	NA	6.000 0.750		Calculaton No. OSC-1535 Page 136; Problem No. 1-51-2 Sheet 2 of 8. System 51
F01.020.015	1-51-SR5 Rigid support	0-435C OFD-101A-1.3	QAL-14	VT-3	NA	6.000 0.750		Calculaton No. OSC-1535 Page 136; Problem No. 1-51-2 Sheet 2 of 8. System 51
F01.020.032	1-53B-H6 Rigid restraint	5-0-444 OFD-102A-1.2	QAL-14	VT-3	NA	10.000 1.000		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
F01.020.034	1-53B-R14 Rigid restraint	5-0-439 OFD-102A-1.2	QAL-14	VT-3	NA	10.000 0.000		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
F01.020.036	1-54A-DE05 Rigid restraint	0-435B OFD-103A-1.1	QAL-14	VT-3 Fig162 to Other	NA	8.000 0.125		Calculaton No. OS-415 Page 50; Problem No. 1-54-2 Sheet 1 of 1. System 54A Auxiliary Building.

Total F01.020 Items: 7

F01.021.006	1-14-H21C Rigid restraint	0-480A OFD-124B-1.2 1-14-16	QAL-14	VT-3	NA	8.000 0.000		Problem No;1-14-16 Sht.0-492A-4 Low Pressure Service Water Emergency Cooler 1C Inlet
F01.021.012	1-51A-H114 Rigid support	0-444 OFD-101A-1.3	QAL-14	VT-3	NA	4.000 0.000		Calculaton No. OSC-1410 Page104; Problem No. 1-51-13 . System 51 HPI CROSS CONNECT & HEADER

Class 2 Weld Connections to Building Structure

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.021.019	1-53B-H7 Rigid support	2-0-436E OFD-101A-1.3	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1535 Page 136; Problem No. 1-51-2 Sheet 2 of 8. System 51
F01.021.022	1-54A-R11 Rigid restraint	3-0-439A OFD-103A-1.1	QAL-14	VT-3	NA	8.000 1.000		Calculaton No. OS-416 Page 58.1; Problem No. 1-54-03, Sheet 1 of 1. System 54A Auxiliary Building.

Total F01.021 Items: 4

F01.022.005	1-01A-H7 Spring hanger	1-1-0-401A OFD-122A-1.2	QAL-14	VT-3	NA	12.000 0.000		Calculaton No. OSC-321; Problem No. 1-01-2 SHT. 3 OF 5. System 01A; MAIN STEAM BYPASS TO CONDENSER
F01.022.006	1-01A-R7 Mech snubber	0-550 OFD-122A-1.1	QAL-14	VT-3	NA	34.000 1.000		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.1 OF 3; System 01A;PAGE# 131.1; MAIN STEAM PIPING
F01.022.014	1-53A-H5B Hyd snubber	0-479A OFD-102A-1.1	QAL-14	VT-3	NA	12.000 0.000		Calculaton No. OSC-1301-06; Problem No. 1-53-07; PAGE#92; SYSTEM 53A; DECAY HEAT REMOVAL SYS
F01.022.023	1-54A-H25A Spring hanger	3-0-439A OFD-103A-1.1	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OS-416 Page 58.1; Problem No. 1-54-03, Sheet 1 of 1. System 54A Auxiliary Building.

Total F01.022 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.003	1-03-R11 Rigid restraint	0-551 OFD-121B-1.3	QAL-14	VT-3 Sway Strut to Other	NA	24.000 0.000		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
F01.030.012	1-03A-H5242 Rigid restraint	0-439G OFD-121D-1.1	QAL-14	VT-3 SS to Other	NA	6.000 0.000		Calculaton No. OSC-1224-19 Page 26;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
F01.030.023	1-14-H6014 Rigid restraint	0-478E OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1224-16 Page 44;Problem No.1- 03A-14. System 03A AUX. SERVICE WATER PIPE
F01.030.024	1-14B-ASR14 Rigid restraint	0-436L OFD-121D-1.2 4-14-3	QAL-14	VT-3	NA	8.000 0.000		Calculation No. OSC-394, page 79; Problem No. 4-14-3, sh. 4. Auxiliary Feed water Lines from Auxiliary Sevice Water Pump
F01.030.025	1-14B-DE009 Rigid restraint	0-439B OFD-124B-1.4	QAL-14	VT-3	NA	10.000 0.000		Calculaton No. OSC-1541; Problem No. 1-14-06;SHT.1 OF 4; System 51A;PAGE# 100; LPSW SUPPLY FROM PEN 21 TO RB COMP LP COOLERS 1A & 1B
F01.030.034	1-51-H62 Rigid restraint	0-436H OFD-101A-1.2	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1535 Page135-1;Problem No.1-51-2 HPI Pump Suction Header With Branches From B.W.S.T.,L.S.T. And L.P Coolers 1A/1B
F01.030.037	1-56-H5106 Rigid restraint	0-443 OFD-104A-1.1	QAL-14	VT-3 SS to Other	NA	8.000 0.000		Calculaton No. OSC-421 Page 99; Problem No.4-56-02 Spent Fuel Cooling System 56
Total F01.030 Items:	**7**							
F01.031.010	1-14B-ASR8 Rigid restraint	0-444 OFD-121D-1.2 1-03A-5	QAL-14	VT-3	NA	6.000 0.500		Calculation No. OSC-339, page 81; Problem No. 1-03A-5, sh. 3. 6" Emergency Feed Water
F01.031.011	1-51-SR15 Rigid restraint	0-436H OFD-101A-1.2	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-1535 Page135-1;Problem No.1-51-2 HPI Pump Suction Header With Branches From B.W.S.T.,L.S.T. And L.P Coolers 1A/1B

Class 3 Weld/Mech Conns at Inter Joints in Multiconn Int & Nonint Supp

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.031.012	1-56-H5110 Rigid restraint	0-437B OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-421 Page 99; Problem No.4-56-02 Spent Fuel Cooling System 56
Total F01.031 Items:	**3**							
F01.032.001	1-01A-H2 Spring hanger	4-1-0-401A OFD-122A-1.4	QAL-14	VT-3	NA	6.000 0.000		Calculation Number OSC-325 Sheet 1 of 3; Problem 1-01-06 Page 88. System 01A Steam Supply to Emergency Feedwater Pump Turbine.
F01.032.005	1-03A-H21 Spring hanger	1-0-439B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-339 Page 80; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.
Total F01.032 Items:	**2**							

Clearances of Guides & Stops, Align of Supps, Assembly of Supp Items

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.040.003	1-PZR-SUPPORT	OM-201-91 OM-201-637	QAL-14	VT-3	NA	0.000 0.000		Pressurizer Support Stand.
F01.040.004	1-LDCA-SUPPORT	OM-201-3107 OFD-101A-1.1	QAL-14	VT-3	NA	0.000 0.000		1A Letdown Cooler Support

Total F01.040 Items: 2

Total Category F-A Items: 34

Reactor Coolant Pump Flywheel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G01.001.001A Circumferential	1-RCP-1A1	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1A1 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.002A Circumferential	1-RCP-1A2	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1A2 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.003A Circumferential	1-RCP-1B1	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1B1 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.004A Circumferential	1-RCP-1B2	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1B2 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.

Total G01.001 Items: 4

Total Category AUG Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G04.001.001	1-51A-11-87 Circumferential	1-51A-11(3) OFD-101A-1.4	NDE-600	UT Pipe to Safe-End	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.002	1-51A-11-88 Circumferential	1-51A-11(3) OFD-101A-1.4	NDE-600	UT Pipe to Valve (1HP-152)	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.003	1-51A-11-89 Circumferential	1-51A-11(3) OFD-101A-1.4	NDE-600	UT Pipe to Safe-End	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.004	1-51A-11-90 Circumferential	1-51A-11(3) OFD-101A-1.4	NDE-600	UT Pipe to Valve (1HP-153)	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.

Total G04.001 Items: 4

Total Category AUG Items: 4

Pressurizer Spray Piping Thermal Transient

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G05.001.001	1-50-03-42A Circumferential Stress weld	1-50-03(1)	NDE-600	UT Pipe to Valve (1LP-46)	SS 160	1.500 0.281	50202	Pressurizer Spray Piping Thermal Transient Inspection Ref. PIR # 1-O-89-0003. Exam metal extending out 1" from weld 42A on the piping side.
G05.001.001A	1-50-03-42A Circumferential Stress weld	1-50-03(1)	NDE-35	PT Pipe to Valve (1LP-46)	SS 160	1.500 0.281		Pressurizer Spray Piping Thermal Transient Inspection Reference PIR # 1-O-89-0003).

Total G05.001 Items: 2

Total Category AUG Items: 2

Circumferential Pipe Welds With A Nom. Wall Thk. < 3/8" and > NPS 4"

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G09.001.003	1-51A-01-44A Circumferential	1-51A-01(2) OFD-101A-1.3	NDE-35	PT Valve (1HP-100) to Pipe	SS	6.000 0.280		
G09.001.009	1-53B-02-A15 Circumferential	1-53B-02(3) OFD-102A-1.2	NDE-35	PT Pipe to Elbow	SS	12.000 0.180		
G09.001.015	1-53B-05-108J Circumferential	1-53B-05(2) OFD-102A-1.2	NDE-35	PT Elbow to Pipe	SS	10.000 0.250		
G09.001.021	1-53B-06-48K Circumferential	1-53B-06(4) OFD-102A-1.2	NDE-35	PT Pipe to Elbow	SS	10.000 0.250		
G09.001.027	1-53B-16-4 Circumferential	1-53B-16 OFD-102A-1.2	NDE-35	PT Elbow to Elbow	SS	8.000 0.148		
G09.001.033	1-54A-01-13C Circumferential	1-54A-01(3) OFD-103A-1.1	NDE-35	PT Expansion joint to Elbow	SS	10.000 0.250		
G09.001.039	1-54A-04-74C Circumferential	1-54A-04(2) OFD-103A-1.1	NDE-35	PT Pipe to Pipe	SS	8.000 0.250		
G09.001.045	1-56-13-58 Circumferential	1-56-13 OFD-104A-1.1	NDE-35	PT Pipe to Elbow	SS	8.000 0.148		

Total G09.001 Items: 8

Total Category AUG Items: 8

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.110.005	1-PZR-WP33-1 Circumferential	ISI OCN1-002 OM-201-1878 B&W129262E	NDE-620 NDE-640	UT Pzr Relief Nozzle to Pzr Upper Head	CS	6.875 4.750	40394	Pzr Relief Nozzle Pc. 31 to Uppper Head Pc. 5 between W & X Axis.
B03.110.009	1-PZR-WP26-1 Circumferential	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-620 NDE-640	UT Pzr Nozzle to Pzr Heater Belt Shell	CS	5.750 6.187	40338	Pressurizer Sensing & Sampling Nozzle Pc. 30 to Shell Pc. 4 W & X Quadrant.
B03.110.010	1-PZR-WP26-2 Circumferential	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-620 NDE-640	UT Pzr Nozzle to Pzr Heater Belt Shell	CS	5.750 6.187	40338	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.4 Y & Z Quadrant.

Total B03.110 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.120.005	1-PZR-WP33-1	ISI OCN1-002 B&W129262E OM-201-1878		UT Pzr Relief Nozzle to Pzr Upper Head	CS	6.875 4.750		Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5 between W & X Axis. (Inside Radius Section).
B03.120.009	1-PZR-WP26-1	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-680	UT Pzr Nozzle to Pzr Heater Belt Shell	CS	5.750 2.531	TBD	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.4 W & X Quadrant. (Inside Radius Section).
B03.120.010	1-PZR-WP26-2	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-680	UT Pzr Nozzle to Pzr Heater Belt Shell	CS	5.750 2.531	TBD	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.4 Y & Z Quadrant. (Inside Radius Section).

Total B03.120 Items: 3

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Steam Generators (Primary Side)

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.130.003	1-SGB-WG50-2 Circumferential	ISI-OCN1-004 OM-201-1873 B&W129317E	NDE-620 NDE-640	UT SGB Lower Head to Nozzle (Outlet Nozzle)	CS	38.380 8.500	40305	Steam Generator 1B Outlet Nozzle Pc. 65 to Head Pc. 07 W-Z Axis.
B03.130.004	1-SGB-WG50-1 Circumferential	ISI-OCN1-004 OM-201-1873 B&W129317E	NDE-620 NDE-640	UT SGB Lower Head to Nozzle (Outlet Nozzle)	CS	38.380 8.500	40305	Steam Generator 1B Outlet Nozzle Pc.65 to Head Pc. 07 Y-Z Axis.

Total B03.130 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.140.003	1-SGB-WG50-2	ISI-OCN1-004 OM-201-1873 B&W129317E	NDE-680	UT SGB Lower Head to Outlet Nozzle	CS	38.380 3.680	40305	Steam Generator 1B Outlet Nozzle Pc. 65 to Head Pc. 7. W-Z Axis. (Inside Radius Section).
B03.140.004	1-SGB-WG50-1	ISI-OCN1-004 OM-201-1873 B&W129317E	NDE-680	UT SGB Lower Head to Nozzle (Outlet Nozzle)	CS	38.380 3.680	40305	Steam Generator 1B Outlet Nozzle Pc. 65 to Head Pc. 7. Y-Z Axis. (Inside Radius Section).

Total B03.140 Items: 2

Total Category B-D Items: 10

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Less Than NPS 4; Nozzle-to-Safe End Butt Welds ••••								
B05.050.001	1-PZR-WP91-1 Circumferential	ISI OCN1-002 B&W129262E	NDE-35	PT	SS/CS	2.500 0.000	Nozzle (Piece 31) to Safe End Pc.32	Pressurizer Relief Nozzle Pc. 31 to Safe End Pc. 32 W-X Axis.

Total B05.050 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger; Dissimilar Metal Butt Welds ••••								
B05.130.003	1-PIA2-7 Circumferential Stress weld	ISI OCN1-008 OM-201-1845	NDE-610	UT Pipe to Safe end	SS/CS	33.500 2.330	40350	Examine from the pipe side.
B05.130.003A	1-PIA2-7 Circumferential Stress weld	ISI OCN1-008 OM-201-1845	NDE-610	UT Pipe to Safe end	SS/CS	33.500 2.330	40397	Examine from safe end side.
B05.130.003B	1-PIA2-7 Circumferential Stress weld	ISI OCN1-008	NDE-35	PT Pipe to Safe end	SS/CS	33.500 2.330		
B05.130.004	1-PDA2-2 Circumferential	ISI OCN1-012 OM-201-1844	NDE-610	UT Safe end to Elbow	SS/CS	33.500 2.330	40350	Examine from the elbow side.
B05.130.004A	1-PDA2-2 Circumferential	ISI OCN1-012 OM-201-1844	NDE-610	UT Safe end to Elbow	SS/CS	33.500 2.330	40397	Examine from the safe end side
B05.130.004B	1-PDA2-2 Circumferential	ISI OCN1-012 OM-201-1845	NDE-35	PT Safe end to Elbow	SS/CS	33.500 2.330		

Total B05.130 Items: 6

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Less Than NPS 4; Dissimilar Metal Butt Welds ••••								
B05.140.002	1-PIA2-11 Circumferential	ISI OCN1-008 OM-201-1870	NDE-35	PT	CS/Inconel	3.500 0.816		
				Nozzle (Nozzle) to Safe end				

Total B05.140 Items: 1

Total Category B-F Items: 8

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts and Studs ••••								
B06.060.001	1-PZR-STUDS	OM-201-1262	NDE-942	UT	CS	2.750 0.000	TBD	Pressurizer Manway Studs Pc. 67; 12 Studs. Stud Length = 14.875

Total B06.060 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts and Studs ••••								
B06.180.001	1-RCP-1A1-F	OM-201D-34	NDE-942	UT	CS	4.320 28.000	TBD	Reactor Coolant Pump 1A1 Main Flange Bolts Pc. 19. All bolt surfaces examined. Total 24 Bolts.
B06.180.002	1-RCP-1A2-F	OM-201D-34	NDE-942	UT	CS	4.320 28.000	TBD	Reactor Coolant Pump 1A2 Main Flange Bolts Pc. 19. All bolt surfaces examined.Total 24 Bolts.

Total B06.180 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Flange Surface, when connection dissassembled ••••								
B06.190.001	1-RCP-1A1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.002	1-RCP-1A2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.003	1-RCP-1B1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.004	1-RCP-1B2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)

Total B06.190 Items: 4

Total Category B-G-1 Items: 7

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.020.002	1-PZR-CHB-STUDS	OM-201-9 OM-201-1262		VT-1	CS	2.000 0.000		Pressurizer Center Heater Bundle Studs Pc. 75. (Total 16 Studs). Length = 17.875. All bolts, studs and nuts.

Total B07.020 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.060.002	1-RCP-1A2-SEAL	OM-201D-34 OM-201D-0057	QAL-13	VT-1	CS	2.000 0.000		Reactor Coolant Pump 1A2 Lower Seal Housing Bolts - 12 Cap Screws Pc. 26.

Total B07.060 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.070.007	1-53A-LP1-BOLTS	OM-201-165 OFD-102A-1.1	QAL-13	VT-1	CS	0.000 0.000		12" Decay Heat Suction from RCS - Valve 1LP -1 Bolting.
B07.070.008	1-53A-LP2-BOLTS	OM-201-165 OFD-102A-1.1	QAL-13	VT-1	CS	0.000 0.000		12" Decay Heat Suction from RCS - Valve 1LP-2 Bolting.
B07.070.011	1-51A-HP152-BOLTS	OM-246-015 OFD-101A-1.4	QAL-13	VT-1	NA	0.000 0.000		High Pressure Injection Valve 1HP-152 Bolting (Total 12 Bolts Pc. 31, 12 Nuts Pc. 30).
B07.070.012	1-51A-HP153-BOLTS	OM-246-015 OFD-101A-1.4	QAL-13	VT-1	NA	0.000 0.000		High Pressure Injection Valve 1HP-153 Bolting (Total 12 Bolts Pc. 31, 12 Nuts Pc. 30)
B07.070.013	1-53A-LP103-BOLTS	OM-245-755 OFD-102A-1.1	QAL-13	VT-1	NA	0.000 0.000		Decay Heat Emergency Dump Valve 1LP-103 Bolting (Total 6 Bolts Pc. 20, 6 Nuts/Washers Pc. 41 & 44).

Total B07.070 Items: 5

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.080.001	1-RPV-CRD-BOLTS	OM-201-2248 DPS 706599-1056 B&W152006E	QAL-13	VT-1	CS	1.250 0.000		CRD Housing Bolts (Total 8 Bolts) 2 Connections inspected to date; CRD # 38, # 59.(Inspect only if Disassembled)
B07.080.002	1-RPV-CRD-RINGS	OM-201-2248 DPS 706599-1056 B&W152006E	QAL-13	VT-1	CS	11.500 1.250		CRD Housing Rings ; 1 Pair per CRD Housing. 2 Connections inspected to date ; CRD # 38, #59.(Inspect only if Disassembled)

Total B07.080 Items: 2

Total Category B-G-2 Items: 9

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.011.093	1-53A-02-63L Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-600	UT Pipe to Elbow	SS	10.000 1.000	40399	
B09.011.093A	1-53A-02-63L Circumferential	1-53A-02(2) OFD-102A-1.3	NDE-35	PT Pipe to Elbow	SS	10.000 1.000		
B09.011.098	1-53A-01-8L Circumferential	1-53A-01(2) OFD-102A-1.3	NDE-600	UT Elbow to Valve (1CF-13)	SS	14.000 1.250	40389	
B09.011.098A	1-53A-01-8L Circumferential	1-53A-01(2) OFD-102A-1.3	NDE-35	PT Elbow to Valve (1CF-13)	SS	14.000 1.250		
B09.011.099	1-53A-01-6L Circumferential	1-53A-01(2) OFD-102A-1.3	NDE-600	UT Elbow to Pipe	SS	14.000 1.250	40389	
B09.011.099A	1-53A-01-6L Circumferential	1-53A-01(2) OFD-102A-1.3	NDE-35	PT Elbow to Pipe	SS	14.000 1.250		
B09.011.102	1-53A-01-28L Circumferential	1-53A-01(2) OFD-102A-1.3	NDE-600	UT Pipe to Elbow	SS	10.000 1.000	40399	
B09.011.102A	1-53A-01-28L Circumferential	1-53A-01(2) OFD-102A-1.3	NDE-35	PT Pipe to Elbow	SS	10.000 1.000		
B09.011.103	1-53A-01-21L Circumferential	1-53A-01(2) OFD-102A-1.3	NDE-600	UT Elbow to Pipe	SS	10.000 1.000	40399	
B09.011.103A	1-53A-01-21L Circumferential	1-53A-01(2) OFD-102A-1.3	NDE-35	PT Elbow to Pipe	SS	10.000 1.000		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.011.113	1-51A-05-52C Circumferential	1-51A-05 OFD-101A-1.4	NDE-600	UT "Y" to Reducer	SS	4.000 0.531	40406	
B09.011.113A	1-51A-05-52C Circumferential	1-51A-05 OFD-101A-1.4	NDE-35	PT "Y" to Reducer	SS	4.000 0.531		

Total B09.011 Items: 12

•••• Longitudinal Welds ••••

B09.012.005	1-PDA1-212LO Longitudinal	ISI OCN1-011 OM-201-1844	NDE-600	UT Elbow to Elbow	CS	33.500 2.330	40350	
B09.012.005A	1-PDA1-212LO Longitudinal	ISI OCN1-011 OM-201-1844	NDE-25	MT Elbow to Elbow	CS	33.500 2.330		
B09.012.006	1-PDA1-212LI Longitudinal	ISI OCN1-011 OM-201-1844	NDE-600	UT Elbow to Elbow	CS	33.500 2.330	40350	
B09.012.006A	1-PDA1-212LI Longitudinal	ISI OCN1-011 OM-201-1844	NDE-25	MT Elbow to Elbow	CS	33.500 2.330		
B09.012.017	1-PDA2-212LI Longitudinal	ISI OCN1-012 B&W 131914E6	NDE-600	UT Elbow to Elbow	CS	33.500 2.330	40350	
B09.012.017A	1-PDA2-212LI Longitudinal	ISI OCN1-012 B&W 131914E6	NDE-25	MT Elbow to Elbow	CS	33.500 2.330		
B09.012.018	1-PDA2-212LO Longitudinal	ISI OCN1-012 B&W 131914E6	NDE-600	UT Elbow to Elbow	CS	33.500 2.330	40350	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.012.018A	1-PDA2-212LO	ISI OCN1-012	NDE-25	MT	CS	33.500		
Longitudinal		B&W 131914E6				2.330		
				Elbow to Elbow				
B09.012.041	1-PDB2-212LI	ISI OCN1-014	NDE-600	UT	CS	33.500	40350	
Longitudinal		OM-201-1844				2.333		
				Elbow (Long seam13 degree) to Elbow				
B09.012.041A	1-PDB2-212LI	ISI OCN1-014	NDE-25	MT	CS	33.500		
Longitudinal		OM-201-1844				2.333		
				Elbow (Long seam13 degree) to Elbow				
B09.012.042	1-PDB2-212LO	ISI OCN1-014	NDE-600	UT	CS	33.500	40350	
Longitudinal		OM-201-1844				2.333		
				Elbow (Long seam13 degree) to Elbow				
B09.012.042A	1-PDB2-212LO	ISI OCN1-014	NDE-25	MT	CS	33.500		
Longitudinal		OM-201-1844				2.333		
				Elbow (Long seam13 degree) to Elbow				

Total B09.012 Items: 12

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.021.023	1-50-01-69 Circumferential	1-50-01(1)	NDE-35	PT Pipe to Elbow	SS 160	1.500 0.281		
B09.021.024	1-50-01-65 Circumferential	1-50-01(1)	NDE-35	PT Pipe to Elbow	SS 160	1.500 0.281		
B09.021.029	1-51A-07-29 Circumferential	1-51A-07(2) OFD 100A-1.1	NDE-35	PT Pipe to Elbow	SS	1.500 0.281		
B09.021.053	1-51A-05-71C Circumferential	1-51A-05 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.054	1-51A-05-65C Circumferential	1-51A-05 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.055	1-51A-05-62C Circumferential	1-51A-05 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		
B09.021.056	1-51A-05-59C Circumferential	1-51A-05 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.057	1-51A-05-56C Circumferential	1-51A-05 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		
B09.021.063	1-51A-136-3 Circumferential	1-51A-136 OFD-101A-1.1	NDE-35	PT Elbow to Pipe	SS	3.000 0.438		
B09.021.067	1-51A-134A-24 Circumferential	1-51A-134A OFD-101A-1.1	NDE-35	PT Elbow to Reducer (Letdown Clr 1A)	SS	3.000 0.438		

CATEGORY B-J, Pressure Retaining Welds in Piping

Less Than NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.021.068	1-51A-136-22 Circumferential	1-51A-136 OFD-101A-1.1	NDE-35	PT	SS	3.000 0.438		
				Reducer (Letdown clr 1A) to Pipe				
B09.021.069	1-PSP-24 Circumferential Stress weld	ISI OCN1-016 1-50-03(1)	NDE-35	PT	SS 160	1.500 0.281		
				Tee (2.5 x 1.5) to Reducing insert (1.5 x 0.5)				
B09.021.070	1-PSP-25 Circumferential Stress weld	ISI OCN1-016 1-50-03(1)	NDE-35	PT	SS 160	1.500 0.281		
				Tee (2.5 x 1.5) to Reducing insert (1.5 x 0.5)				
B09.021.071	1-PSP-8 Circumferential Stress weld	ISI OCN1-016 1-50-03(1)	NDE-35	PT	SS 160	2.875 0.375		
				Pipe to Valve (1RC-3)				
B09.021.072	1-51A-11-94 Circumferential Stress weld	1-51A-11(3) OFD-101A-1.4	NDE-35	PT	SS	2.500 0.375		
				Pipe to Safe-End				

Total B09.021 Items: 15

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger ••••								
B09.031.005 Branch	1-PIA2-12	ISI OCN1-008	NDE-600	UT	CS/Inconel	8.750 2.250	TBD	
				Nozzle (Salvaged Pipe) to Pipe ((RTE Mounting Boss))				
B09.031.005A Branch	1-PIA2-12	ISI OCN1-008	NDE-35	PT	CS/Inconel	8.750 2.250		
				Nozzle (Salvaged Pipe) to Pipe ((RTE Mounting Boss))				
Total B09.031 Items:	**2**							
•••• Less Than NPS 4 ••••								
B09.032.001 Branch	1-PIA1-10	ISI OCN1-007 B&W 131918E6	NDE-25	MT	CS	3.000 2.250		
				Nozzle (Nozzle) to Pipe				
B09.032.006 Branch Stress weld	1-PDA2-10	ISI OCN1-012 OM-201-597	NDE-25	MT	CS	3.000 2.250		
				Pipe to Nozzle (Pressure injection nozzle)				
B09.032.007 Branch Stress weld	1-PDB1-10	ISI OCN1-013 OM-201-597	NDE-25	MT	CS	3.000 2.250		
				Pipe to Nozzle (Pressure injection nozzle)				
Total B09.032 Items:	**3**							
Total Category B-J Items:	**44**							

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing Welds ••••								
B12.010.001	1-RCP-1A1	OM-201D-35 OM-201-1148 ISI-OCN1-007	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.002	1-RCP-1A2	OM-201D-35 OM-201-1148 ISI-OCN1-008	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.003	1-RCP-1B1	OM-201D-35 OM-201-1148 ISI-OCN1-009	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.004	1-RCP-1B2	OM-201D-35 OM-201-1148 ISI-OCN1-010	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)

Total B12.010 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing ••••								
B12.020.001	1-RCP-1A1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-007	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1A1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.002	1-RCP-1A2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-008	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1A2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.003	1-RCP-1B1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-009	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1b1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.004	1-RCP-1B2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-010	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1B2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)

Total B12.020 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Valve Body, Exceeding NPS 4 ••••								
B12.050.001	1-53A-CF-11	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	A- Side Core Flood (W-Axis) Valve Body - Valve CF-11 (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.002	1-53A-CF-12	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	A-Side Core Flood (W- Axis) Valve Body - Valve CF-12. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.003	1-53A-CF-13	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	B-Side Core Flood (Y- Axis) Valve Body - Valve CF-13. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.004	1-53A-CF-14	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	B- Side Core Flood (Y- Axis) Valve Body - CF-14.
B12.050.005	1-53A-LP-1	OM-201-165 OFD-102A-1.1	QAL-14	VT-3	SS	15.250 0.000	Valve (Internal Surfaces) to Other	Decay Heat Suction from Reactor Coolant System. LP-1 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.006	1-53A-LP-2	OM-201-165 OFD-102A-1.1	QAL-14	VT-3	SS	15.250 0.000	Valve (Internal Surfaces) to Other	Decay Heat Suction from Reactor Coolant System. LP-2 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair,ect..)
B12.050.007	1-53A-LP-47	OM-245-001 OFD-102A-1.2	QAL-14	VT-3	SS	10.937 0.000	Valve (Internal Surfaces) to Other	B-Side LP1 Valve Body - Valve LP-47. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.008	1-53A-LP-48	OM-245-001 OFD-102A-1.2	QAL-14	VT-3	SS	10.937 0.000	Valve (Internal Surfaces) to Other	B-Side LP1 Valve Body - Valve LP-48.(Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)

Total B12.050 Items: 8

Total Category B-M-2 Items: 16

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Vessel Interior ••••								
B13.010.001	1-RPV-INT-SURFACE	OM-201-1008 ISI OCN1-001	QAL-14	VT-3 Interior Surfaces to Other	SS	0.000 0.000		Reactor Vessel - Interior Surfaces of Vessel.

Total B13.010 Items: 1

Total Category B-N-1 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Welds In CRD Housing ••••								
B14.010.002	1-RPV-CRD-66WH9	OM-201-2186 OM-201-1059	NDE-35	PT Housing Body to Adapter	SS/Inconel	4.025 0.650		CRDM Housing Body MK-67 to Adapter MK-55.
B14.010.005	1-RPV-CRD-66W60	DPS 706599-1056 OFD-100A-1.1	NDE-35	PT Base to Motor Tube	SS/CS	5.000 0.500		CRDM Base to Motor Tube - CRDM # 66.
B14.010.008	1-RPV-CRD-66	DPS 706599-1056 OFD-100A-1.1	NDE-35	PT Motor Tube to Extension	SS/CS	4.300 0.400		CRDM Motor Tube to Extension - CRDM #66.
B14.010.011	1-RPV-CRD-66W61	DPS 706605-1058 OFD-100A-1.1	NDE-35	PT Extension to Cap	SS	4.190 0.380		Peripheral CRDM Extension to Cap - CRDM # 66.

Total B14.010 Items: 4

Total Category B-O Items: 4

OCONEE U[illegible]UMBER 1
CLASS A (CATEGOR[illegible]P) REQUIREMENTS
FOR OUTAGE NUMBER 19

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
B15.050.001	SEE COMMENTS	N/A	LEAK	VARIOUS	RC SYSTEM	VT-2	QAL-15	Drawings that make up the Class A Leakage Boundary: OFDL-100A-1.1, OFDL-100A-1.2, OFDL-100A-1.3, OFDL-101A-1.1, OFDL-101A-1.4, OFDL-101A-1.5, OFDL-102A-1.1, OFDL-102A-1.2, OFDL-102A-1.3, OFDL-110A-1.1, OFDL-110A-1.4, OFDL-127B-1.2

CATEGORY C-A, Pressure Retaining Welds In Pressure Vessels

Shell Circumferential Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.010.003	1-SGB-WG8-1 Circumferential	ISI-OCN1-004 OM-201-1873	NDE-620 NDE-640	UT SGB Shell to SGB Shell	CS	138.000 4.188	40339	Steam Generator 1B Shell Pc. 01 to Shell Pc. 02.

Total C01.010 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.030.002	1-SGB-WG59 Circumferential	OM-201-1873 ISI OCN1-004	NDE-620 NDE-640	UT Tubesheet to Shell	CS	138.000 6.625	40338	Steam Generator 1B Upper Tubesheet Pc. 50 to Shell Pc. 6.

Total C01.030 Items: 1

Total Category C-A Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Shell (or Head) Weld ••••								
C02.011.003	1-BWST-INLET Circumferential	OM-12010-80	NDE-35	PT Nozzle to Shell	SS	8.000 0.500		Inlet Nozzle From Decay Heat Removal Discharge
C02.011.004	1-BWST-RN Circumferential	OM-12010-80	NDE-35	PT Nozzle to Shell	SS	8.000 0.500		Roof Nozzle to Head.On Top of Borated Water Storage Tank

Total C02.011 Items: 2

Total Category C-B Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Integrally Welded Attachments ••••								
C03.020.012	1-01A-H9A Constant support	0-480A OFD-122A-1.1	NDE-25	MT	CS	24.250 1.750		Calculaton No. OSC-1296-06; Problem No. 1-01-07; System 01A;PAGE# 6 (2)-24.23A MAIN STEAM FROM PEN 26 TO SG 1A
C03.020.013	1-01A-H9B Constant support	0-480A OFD-122A-1.1	NDE-25	MT	CS	24.250 1.500		Calculaton No. OSC-1296-06; Problem No. 1-01-08; System 01A;PAGE# 6 (1)-25.18; MAIN STEAM FROM PEN 28 TO SG 1B
C03.020.041	1-53B-DE062 Rigid restraint	0-435B OFD-102A-1.1	NDE-35	PT	SS	14.000 1.000		Calculaton No. OS-407; Problem No. 1-53-1;SHT.1 OF 4 PAGE#104; SYSTEM 53B; LP INJECTION LINE
C03.020.044	1-53B-H17 Spring hanger	5-0-436D OFD-102A-1.2	NDE-35	PT	SS	10.000 1.250		Calculation Number OS-406 Sheet 1 of 1; Problem No. 1-53-03 Page 71. System 53B Decay Heat Pump 1B and 1C to Decay Heat Cooler 1B .
C03.020.047	1-53B-H38 Rigid restraint	2-0-435B OFD-102A-1.1	NDE-35	PT	SS	14.000 0.750		Calculaton No. OS-407; Problem No. 1-53-1;SHT.1 OF 4 PAGE#104; SYSTEM 53B; LP INJECTION LINE
C03.020.054	1-53B-R29 Rigid restraint	5-0-439B OFD-102A-1.2	NDE-35	PT Sway Strut to Other	SS	10.000 1.000		Calculation Number OS-410 Sheet 1 of 1; Problem 1-53-5 Page 54. System 53B Decay Heat Cooler 1A to Penetration 15.
C03.020.056	1-53B-R8 Rigid restraint	5-0-435 OFD-102A-1.2	NDE-35	PT	SS	8.000 1.000		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
C03.020.057	1-54A-H5 Rigid restraint	3-0-439C OFD-103A-1.1	NDE-35	PT	SS	8.000 1.000		Calculaton No. OS-417 Page 44.1 Problem No. 1-54-04 Sheet 1 of 1. System 54A Auxiliary Building.
C03.020.063	1-54A-R6 Rigid restraint	3-0-436D OFD-103A-1.1	NDE-35	PT	SS	8.000 0.750		Calculaton No. OSC-1628 Page 60; Problem No. 1-54-01 Sheet 1 of 1. System 54A Auxiliary Building.

Total C03.020 Items: 9

Total Category C-C Items: 9

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.011.006	1-53A-02-65L Circumferential	1-53A-02(1) OFD-102A-1.2	NDE-600	UT Valve (1LP-18) to Pipe	SS	10.000 1.125	40354	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 53A category C5.21.
C05.011.006A	1-53A-02-65L Circumferential	1-53A-02(1) OFD-102A-1.2	NDE-35	PT Valve (1LP-18) to Pipe	SS	10.000 1.125		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 53A category C5.21.

Total C05.011 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.021.004	1-51A-04-1C Circumferential	1-51A-04 OFD-101A-1.4	NDE-600	UT Pipe to Valve (1HP-194)	SS	4.000 0.674	40406	
C05.021.004A	1-51A-04-1C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Pipe to Valve (1HP-194)	SS	4.000 0.674		
C05.021.010	1-51A-123-1 Circumferential	1-51A-123 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.010A	1-51A-123-1 Circumferential	1-51A-123 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.015	1-51A-124-4 Circumferential	1-51A-124 OFD-101A-1.3	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.015A	1-51A-124-4 Circumferential	1-51A-124 OFD-101A-1.3	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.021	1-51A-125-5 Circumferential	1-51A-125 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.021A	1-51A-125-5 Circumferential	1-51A-125 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.027	1-51A-126-4 Circumferential	1-51A-126 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.027A	1-51A-126-4 Circumferential	1-51A-126 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.033	1-51A-14-17 Circumferential	1-51A-14 OFD-101A-1.1	NDE-600	UT Pipe to Pipe	SS	4.000 0.674	40406	
C05.021.033A	1-51A-14-17 Circumferential	1-51A-14 OFD-101A-1.1	NDE-35	PT Pipe to Pipe	SS	4.000 0.674		
C05.021.042	1-51A-01-87AB Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-600	UT Pipe to Tee	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21.
C05.021.042A	1-51A-01-87AB Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-35	PT Pipe to Tee	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21.
C05.021.048	1-51A-01-118A Circumferential	1-51A-01(4) OFD-101A-1.3	NDE-600	UT Valve (1HP-118) to Elbow	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21.
C05.021.048A	1-51A-01-118A Circumferential	1-51A-01(4) OFD-101A-1.3	NDE-35	PT Valve (1HP-118) to Elbow	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21.
C05.021.054	1-51A-02-20B Circumferential	1-51A-02 OFD-101A-1.4	NDE-600	UT Valve (1HP-135) to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.054A	1-51A-02-20B Circumferential	1-51A-02 OFD-101A-1.4	NDE-35	PT Valve (1HP-135) to Pipe	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.058	1-51A-03-70B Circumferential	1-51A-03(1) OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.058A	1-51A-03-70B Circumferential	1-51A-03(1) OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.064	1-51A-03-112B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-600	UT Tee to Pipe	SS	2.500 0.375	40378	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.064A	1-51A-03-112B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-35	PT Tee to Pipe	SS	2.500 0.375		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.071	1-51A-137-9 Circumferential	1-51A-137 OFD-101A-1.1	NDE-600	UT Valve (1HP-4) to Elbow	SS	2.500 0.375	40378	Inspecting this weld in order to meet 7.5% of system 54B. Borrowing from system 51A category C5.21
C05.021.071A	1-51A-137-9 Circumferential	1-51A-137 OFD-101A-1.1	NDE-35	PT Valve (1HP-4) to Elbow	SS	2.500 0.375		Inspecting this weld in order to meet 7.5% of system 54B. Borrowing from system 51A category C5.21

Total C05.021 Items: 24

ITEM NUMBER		ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••									
C05.041.006	Branch	1-53B-04-12J	1-53B-04 OFD-102A-1.1	NDE-35	PT Pipe to Pipe	SS	6.000 0.134		
C05.041.007	Branch	1-53B-04-12JA	1-53B-04 OFD-102A-1.1	NDE-35	PT Reinforcing collar to Pipe	SS	6.000 0.134		Reinforcing collar weld at weld 12J.
C05.041.016	Branch	1-53B-08-128K	1-53B-08 OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	3.000 0.216		
C05.041.017	Branch	1-53B-08-128KZ	1-53B-08 OFD-102A-1.2	NDE-35	PT Pipe to Reinforcing collar	SS	3.000 0.216		Reinforcing collar at weld 128K.
C05.041.018	Branch	1-53B-08-128KZA	1-53B-08 OFD-102A-1.2	NDE-35	PT Pipe to Reinforcing collar	SS	3.000 0.216		Reinforcing collar at weld 128K.

Total C05.041 Items: 5

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.051.008	1-01A-1-29E Circumferential	1-01A-01(1) OFD-122A-1.2	NDE-600	UT Pipe to Elbow	CS	12.000 0.562	TBD	
C05.051.008A	1-01A-1-29E Circumferential	1-01A-01(1) OFD-122A-1.2	NDE-25	MT Pipe to Elbow	CS	12.000 0.562		
C05.051.016	1-MS2A-A Circumferential	1-MS2A	NDE-600	UT Elbow to Pipe	CS	24.000 0.875	TBD	Grinnell subassembly MS2A
C05.051.016A	1-MS2A-A Circumferential	1-MS2A	NDE-25	MT Elbow to Pipe	CS	24.000 0.875		
C05.051.021	1-03-03-43B Circumferential	1-03-03(1) OFD-121B-1.3	NDE-600	UT Elbow to Pipe	CS	24.000 1.219	50444	
C05.051.021A	1-03-03-43B Circumferential	1-03-03(1) OFD-121B-1.3	NDE-25	MT Elbow to Pipe	CS	24.000 1.219		
C05.051.027	1-FWD65-A Circumferential	1-FWD65	NDE-600	UT Pipe to Elbow	CS	20.000 1.031	TBD	Grinnell subassembly FWD65
C05.051.027A	1-FWD65-A Circumferential	1-FWD65	NDE-25	MT Pipe to Elbow	CS	20.000 1.031		
C05.051.029	1-FWD87-A Circumferential	1-FWD87	NDE-600	UT Elbow to Pipe	CS	14.000 0.750	TBD	Grinnell subassembly FWD87
C05.051.029A	1-FWD87-A Circumferential	1-FWD87	NDE-25	MT Elbow to Pipe	CS	14.000 0.750		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.034	1-20B-21-16-7	1-20B-21	NDE-600	UT	CS	48.000	TBD	
	Circumferential	OFD-116A-1.1				0.500		
				Pipe to Valve (1PRV-6)				
C05.051.034A	1-20B-21-16-7	1-20B-21	NDE-25	MT	CS	48.000		
	Circumferential	OFD-116A-1.1				0.500		
				Pipe to Valve (1PRV-6)				
C05.051.043	1-LPSW-345-35	1-LPSW-345	NDE-600	UT	CS	8.000	TBD	
	Circumferential	OFD-124B-1.2				0.500		
				Pipe to Tee				
C05.051.043A	1-LPSW-345-35	1-LPSW-345	NDE-25	MT	CS	8.000		
	Circumferential	OFD-124B-1.2				0.500		
				Pipe to Tee				
C05.051.048	1-LPSW-346-19	1-LPSW-346	NDE-600	UT	CS	8.000	TBD	
	Circumferential	OFD-124B-1.2				0.500		
				Elbow to Pipe				
C05.051.048A	1-LPSW-346-19	1-LPSW-346	NDE-25	MT	CS	8.000		
	Circumferential	OFD-124B-1.2				0.500		
				Elbow to Pipe				

Total C05.051 Items: 16

Total Category C-F-2 Items: 47

OCONEE U UMBER 1
CLASS B (CATEGOR H) REQUIREMENTS
FOR OUTAGE NUMBER 19

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.001	OFDL-101A-1.1	00	INS/FUN	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 6 and 7
C07.030.002	OFDL-101A-1.2	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.003	OFDL-101A-1.3	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.004	OFDL-101A-1.4	00	INS/FUN	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 8, 9, 10, 23 and 52
C07.030.005	OFDL-101A-1.5	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.006	OFDL-102A-1.1	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 36, 37 and 57
C07.030.007	OFDL-102A-1.2	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16
C07.030.008	OFDL-102A-1.3	00	FUNCT	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetration 59
C07.030.009	OFDL-103A-1.1	00	FUNCT	VARIOUS	BS SYSTEM	VT-2	QAL-15	
C07.030.010	OFDL-104A-1.1	00	FUNCT	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.030.011	OFDL-104A-1.2	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.030.012	OFDL-106E-1.1	00	FUNCT	VARIOUS	DW SYSTEM	VT-2	QAL-15	Penetrations 46, 47 and 55
C07.030.013	OFDL-107A-1.1	00	FUNCT	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetrations 18 and 38
C07.030.014	OFDL-107A-1.2	00	FUNCT	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetration 29
C07.030.015	OFDL-107B-1.1	00	FUNCT	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 5
C07.030.016	OFDL-107D-1.2	00	FUNCT	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 40
C07.030.017	OFDL-110A-1.1	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetrations 1, 2 and 58
C07.030.018	OFDL-110A-1.3	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetration 42
C07.030.019	OFDL-110A-1.4	00	FUNCT	VARIOUS	CA SYSTEM	VT-2	QAL-15	
C07.030.020	OFDL-116A-1.1	00	FUNCT	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 19 and 20

OCONEE U UMBER 1
CLASS B (CATEGO H) REQUIREMENTS
FOR OUTAGE NUMBER 19

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.021	OFDL-116C-1.1	00	FUNCT	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 60 and 61
C07.030.022	OFDL-121B-1.3	00	INS/FUN	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 25 and 27
C07.030.023	OFDL-121B-1.5	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 4 and 43
C07.030.024	OFDL-121D-1.1	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	Penetrations 17 and 50
C07.030.025	OFDL-121D-1.2	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
C07.030.026	OFDL-122A-1.1	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	Penetrations 26 and 28
C07.030.027	OFDL-122A-1.2	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.028	OFDL-122A-1.3	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.029	OFDL-122A-1.4	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.030	OFDL-122B-1.1	00	INSER	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.030.031	OFDL-124B-1.2	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 30, 31, 32, 33, 34 and 35
C07.030.032	OFDL-124B-1.4	00	INSER	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 21 and 22
C07.030.033	OFDL-127B-1.2	00	FUNCT	VARIOUS	N SYSTEM	VT-2	QAL-15	Penetrations 39, 49 and 53
C07.030.034	OFDL-137A-1.3	00	FUNCT	VARIOUS	BA SYSTEM	VT-2	QAL-15	Penetration 48
C07.030.035	OFDL-137B-1.2	00	FUNCT	VARIOUS	IA SYSTEM	VT-2	QAL-15	Penetration 41
C07.030.036	OFDL-137E-1.1	00	FUNCT	VARIOUS	LRT SYSTEM	VT-2	QAL-15	Penetrations 45 and 51
C07.030.037	OFDL-144A-1.2	00	FUNCT	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetrations 3 and 54
C07.030.038	OFDL-144A-1.3	00	FUNCT	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetration 44
C07.040.002	OFDH-101A-1.2	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.040.003	OFDH-101A-1.3	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	

OCONEE U UMBER 1
CLASS B (CATEGOR -H) REQUIREMENTS
FOR OUTAGE NUMBER 19

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.040.006	OFDH-102A-1.1	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 36, 37 and 57
C07.040.007	OFDH-102A-1.2	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16
C07.040.011	OFDH-104A-1.2	00	HYDRO	VARIOUS	SF SYSTEM	VT-2	QAL-15	

OCONEE U[illegible]UMBER 1
CLASS C (CATEGOR[illegible]A) REQUIREMENTS
FOR OUTAGE NUMBER 19

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D01.011.001	OFDL-100A-1.3	00	INSER	VARIOUS	RC SYSTEM	VT-2	QAL-15	
D01.011.002	OFDL-101A-1.1	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.003	OFDL-101A-1.2	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.004	OFDL-101A-1.3	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.005	OFDL-101A-1.4	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.006	OFDL-101A-1.5	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.011.007	OFDL-102A-1.1	00	INSER	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.011.008	OFDL-102A-1.2	00	INSER	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.011.009	OFDL-106A-1.2	00	INSER	VARIOUS	CT SYSTEM	VT-2	QAL-15	
D01.011.010	OFDL-109A-1.1	00	INSER	VARIOUS	HP SYSTEM	VT-2	QAL-15	
D01.011.011	OFDL-110A-1.1	00	INSER	VARIOUS	CA SYSTEM	VT-2	QAL-15	
D01.011.012	OFDL-144A-1.2	00	INSER	VARIOUS	CC SYSTEM	VT-2	QAL-15	
D01.011.013	OFDL-110A-1.4	00	INSER	VARIOUS	CA SYSTEM	VT-2	QAL-15	

OCONEE U UMBER 1
CLASS C (CATEGOR B) REQUIREMENTS
FOR OUTAGE NUMBER 19

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.011.003	OFDL-121A-1.3	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.004	OFDL-121A-1.7	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.005	OFDL-121A-1.8	00	FUNCT	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.011.006	OFDL-121B-1.3	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.011.007	OFDL-121B-1.5	00	FUNCT	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.011.008	OFDL-121D-1.1	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.011.009	OFDL-121D-1.2	00	FUNCT	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.011.010	OFDL-122A-1.4	00	FUNCT	VARIOUS	MS SYSTEM	VT-2	QAL-15	
D02.011.011	OFDL-124A-1.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.012	OFDL-124A-1.3	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.013	OFDL-124A-2.3	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.014	OFDL-124B-1.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.015	OFDL-124B-1.2	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.016	OFDL-124B-1.4	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.017	OFDL-124B-1.5	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.018	OFDL-124B-2.1	00	FUNCT	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.011.019	OFDL-124C-1.2	00	FUNCT	VARIOUS	HPSW SYSTEM	VT-2	QAL-15	
D02.011.020	OFDL-133A-1.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.021	OFDL-133A-1.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.022	OFDL-133A-1.3	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	

OCONEE U UMBER 1
CLASS C (CATEGO B) REQUIREMENTS
FOR OUTAGE NUMBER 19

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.011.023	OFDL-133A-1.4	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.024	OFDL-133A-1.5	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.025	OFDL-133A-2.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.026	OFDL-133A-2.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.027	OFDL-133A-2.5	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.028	OFDL-133A-3.1	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.029	OFDL-133A-3.2	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.030	OFDL-133A-3.4	00	FUNCT	VARIOUS	CCW SYSTEM	VT-2	QAL-15	
D02.011.031	OFDL-137D-1.1	00	FUNCT	VARIOUS	DA SYSTEM	VT-2	QAL-15	
D02.011.032	OFDL-137D-1.2	00	FUNCT	VARIOUS	DA SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D02.020.004	1-03-H49 Rigid restraint	0-551 OFD-121B-1.3	QAL-14	VT-3	NA	24.000 2.500		Calculation No.OS-336 Page45A.1;Problem No.1-03-01 Sheet 1of 2.System 03 Auxiliary and Turbine Building
D02.020.005	1-03-H51 Rigid restraint	0-551 OFD-121B-1.3	QAL-14	VT-3 Sway Strut to Other	NA	24.000 2.500		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
D02.020.012	1-03A-H11 Rigid restraint	1-0-439C OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.375		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.013	1-03A-H12 Rigid restraint	1-0-439C OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.018	1-03A-H201 Rigid restraint	1-0-400A OFD-121D-1.1	QAL-14	VT-3 SS to Other	NA	6.000 0.203		Calculaton No. OSC-1215 Page 21; Problem No.1- 03A-12. System 03A EMER. FEED.WTR. DISCHARGE
D02.020.019	1-03A-H24 Rigid restraint	1-0-439A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.020	1-03A-H28 Rigid restraint	1-0-439B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.216		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.031	1-03A-H72 Rigid restraint	1-0-437B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.042	1-03A-SR18 Rigid restraint	1-0-401A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-343 Page 49; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.046	1-03A-SR39 Rigid restraint	1-0-439A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.049	1-03A-SR47 Rigid restraint	1-0-439B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-339 Page 80; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.
D02.020.057	1-03A-SR86 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-342 Page 104; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
D02.020.058	1-03A-SR87 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1215 Page 21; Problem No.1- 03A-12. System 03A EMER. FEED.WTR. DISCHARGE
D02.020.073	1-08-H4056 Rigid restraint	0-400A OFD-122A-1.4	QAL-14	VT-3	NA	10.000 0.250		Calculation Number OSC-1902 Sheet 2 of 2; Problem 1-08-01 Page 39. System 08 Emergency Feedwater Pump Turbine Exhaust to Condenser1B.
D02.020.080	1-14B-DE036 Rigid restraint	0-437A OFD-124B-1.1	QAL-14	VT-3 FIG# 162 to Other	NA	16.000 0.187		Calculaton No. OSC-396; Problem No. 1-14-04 SHT.2 OF 3. System 14B;PAGE 77; LP SERVICE WATER DISCHARGE
D02.020.087	1-14B-RAO-007 Rigid restraint	0-400B OFD-124A-1.1	QAL-14	VT-3	NA	18.000 0.375		Calculation No. OS-395 Page 40, problem no. 1-14A-01 page 1 of 2. Low Pressure Service Water
D02.020.092	1-14B-SR38 Rigid restraint	0-437A OFD-124B-1.1	QAL-14	VT-3	NA	16.000 2.000		Calculaton No. OSC-396; Problem No. 1-14-04 SHT.2 OF 3. System 14B;PAGE 77; LP SERVICE WATER DISCHARGE
D02.020.100	1-14B-SR62 Rigid restraint	0-437A OFD-124B-1.1	QAL-14	VT-3	NA	20.000 1.000		Calculaton No. OSC-1541; Problem No. 1-14-06 SHT. 1 OF 3. System 14B;PAGE 100.1; LPSW SUPPLY TO RB COMPONENT COOLERS & LP COOLERS 1A & 1B

Total D02.020 Items: 18

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Mechanical and Hydraulic Snubbers ••••								
D02.030.002	1-01A-R6 Hyd snubber	4-1-0-403C OFD-122A-1.4	QAL-14	VT-3	NA	6.000 0.250		Calculation Number OSC-325 Sheet 1 of 3;Problem 1-01-06 Page 88. System 01A . Steam Supply to Emergency Feedwater Pump Turbine.

Total D02.030 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Spring Type Supports ••••								
D02.040.002	1-02A-H12 Spring hanger	1-0-403A OFD-122A-1.4	QAL-14	VT-3	NA	6.000 0.500		Calculation Number OSC-325 Sheet 3 of 3; Problem 1-01-06 Page 91. System 01A Steam Supply to Emergency Feedwater Pump Turbine.

Total D02.040 Items: 1

Total Category D-B Items: 20

OCONEE U UMBER 1
CLASS C (CATEGOR C) REQUIREMENTS
FOR OUTAGE NUMBER 19

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D03.011.001	OFDL-104A-1.1	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	
D03.011.002	OFDL-104A-1.2	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D03.020.005	1-56-H34 Rigid restraint	2-0-437B OFD-104A-1.2	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling Fig.162 Size 8
D03.020.014	1-56-SR14 Rigid restraint	0-438C OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.750		Calculaton No. OSC-421 Page 93; Problem No.4-56-02 Spent Fuel Cooling System 56
D03.020.015	1-56-SR15 Rigid restraint	0-438C OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.500		Calculaton No. OSC-421 Page 93; Problem No.4-56-02 Spent Fuel Cooling System 56
D03.020.018	1-56-SR22 Rigid restraint	0-439A OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.750		Calculaton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56
D03.020.019	1-56-SR23 Rigid restraint	4-0-443 OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.500		Calculaton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56
D03.020.020	1-56-SR24 Rigid restraint	0-443 OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.500		Calculaton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56
D03.020.022	1-56-SR9 Rigid restraint	0-437B OFD-104A-1.2	QAL-14	VT-3	NA	8.000 0.750		Calculaton No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling

Total D03.020 Items: 7

Total Category D-C Items: 7

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.008	1-59-H33 Rigid restraint	0-478A OFD-100A-1.1	QAL-14	VT-3	NA	1.500 0.375		Calculation Number OSC-1311-06 Sheet 2 of 2; Problem 1-59-03 . System 59 Reactor Building Component Drain
Total F01.010 Items:	**1**							
F01.011.005	1-53-H2 Rigid restraint	0-479A OFD-102A-1.1	QAL-14	VT-3	NA	12.000 0.750		Calculaton No. OSC-1301-06; Problem No. 1-53-07; PAGE# 91; SYSTEM 53A; DECAY HEAT REMOVAL SYS
F01.011.006	1-53A-H36C Rigid restraint	0-481A OFD-100A-1.2 1-51-15	QAL-14	VT-3	NA	1.500 0.000		File OSC-1304-06 page 63. Low Pressure Injection to Pressurizer Spray.
Total F01.011 Items:	**2**							

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.004	1-03-H1B Rigid restraint	0-479A OFD-121B-1.3	QAL-14	VT-3 SS to Other	NA	14.000 0.280		Calculation No. OSC-1297-06 ; Problem No. 1-03-05 . System 03 Steam Generator 1B.
F01.020.013	1-51-DE064 Rigid restraint	0-435C OFD-101A-1.3	QAL-14	VT-3 SS to Other	NA	6.000 0.000		Calculaton No. OSC-1535 Page 136; Problem No. 1-51-2 Sheet 2 of 8. System 51
F01.020.018	1-51A-H2 Rigid restraint	1-0-444 OFD-101A-1.4 1-51-07	QAL-14	VT-3 ss to Other	NA	4.000 0.000		Calculation No. OSC-1539, page 73; Problem No. 1-51-07. High Pressure Injection.
F01.020.020	1-51A-SR58 Rigid restraint	6-0-435B OFD-101A-1.3	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1535 Page 136; Problem No. 1-51-2 Sheet 2 of 8. System 51
F01.020.026	1-53B-DE065 Rigid restraint	0-435B OFD-102A-1.1	QAL-14	VT-3 SS to Other	NA	10.000 0.000		Calculaton No. OS-407; Problem No. 1-53-1;SHT.1 OF 4 PAGE#104; SYSTEM 53B; LP INJECTION LINE
F01.020.030	1-53B-H33 Rigid restraint	5-0-439C OFD-102A-1.2	QAL-14	VT-3	NA	10.000 0.000		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
F01.020.033	1-53B-H67 Rigid restraint	5-0-435B OFD-102A-1.2	QAL-14	VT-3	NA	6.000 0.000		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal

Total F01.020 Items: 7

F01.021.015	1-53A-DBR-H0001 Rigid restraint	0-479A OFD-102A-1.1	QAL-14	VT-3 SS to Other	NA	8.000 0.000		Calculaton No. OSC-1301-06; Problem No. 1-53-07; PAGE#93; SYSTEM 53A; DECAY HEAT REMOVAL SYS
F01.021.017	1-53B-DE053 Rigid restraint	0-439C OFD-102A-1.1	QAL-14	VT-3	NA	12.000 0.000		Calculaton No. OS-404; Problem No. 1-53-04;SHT.1 OF 1; PAGE#39; SYSTEM 53B; DECAY HEAT REMOVAL SYS & LP INJECTION

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.021.018	1-53B-H38 Rigid restraint	2-0-435B OFD-102A-1.1	QAL-14	VT-3	NA	14.000 0.750		Calculaton No. OS-407; Problem No. 1-53-1;SHT.1 OF 4 PAGE#104; SYSTEM 53B; LP INJECTION LINE
F01.021.020	1-53B-R8 Rigid restraint	5-0-435 OFD-102A-1.2	QAL-14	VT-3	NA	8.000 1.000		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal

Total F01.021 Items: 4

F01.022.018	1-53B-H16 Spring hanger	5-0-436D OFD-102A-1.2	QAL-14	VT-3 FIG.163 to Other	NA	10.000 0.125		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
F01.022.019	1-53B-H23 Spring hanger	5-0-436D OFD-102A-1.2	QAL-14	VT-3	NA	10.000 0.237		Calculation Number OS-408 Sheet 1 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
F01.022.021	1-53B-R3 Rigid restraint	3-0-444 OFD-102A-1.1	QAL-14	VT-3 ANCHOR - CONST SUPP to Other	NA	12.000 0.375		Calculaton No. OS-404; Problem No. 1-53-04;SHT.1 OF 1; PAGE#39; SYSTEM 53B; DECAY HEAT REMOVAL SYS & LP INJECTION
F01.022.022	1-54A-DE015 Mech snubber	0-435B OFD-103A-1.1	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-1628 Page 60; Problem No. 1-54-01, Sheet 1 of 1. System 54A Auxiliary Building.

Total F01.022 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.007	1-03A-H131 Rigid restraint	1-0-400A OFD-121D-1.1	QAL-14	VT-3 SS to Other	NA	6.000 0.000		Calculaton No. OSC-1215 Page 21; Problem No.1- 03A-12. System 03A EMER. FEED.WTR. DISCHARGE
F01.030.026	1-14B-DE036 Rigid restraint	0-437A OFD-124B-1.1	QAL-14	VT-3 FIG# 162 to Other	NA	16.000 0.187		Calculaton No. OSC-396; Problem No. 1-14-04 SHT.2 OF 3. System 14B;PAGE 77; LP SERVICE WATER DISCHARGE
F01.030.027	1-14B-DE064 Rigid restraint	0-436D OFD-121D-1.2 4-14-3	QAL-14	VT-3	NA	8.000 0.000		Calculation No. OSC-394, page 79; Problem No. 4-14-3, sh. 4. Auxiliary Feed water Lines from Auxiliary Sevice Water Pump
F01.030.028	1-14B-DE086 Rigid restraint	0-400B OFD-124A-1.1	QAL-14	VT-3	NA	24.000 0.000		Calculation No. OS-395 Page 40, problem no. 1-14A-01 page 1 of 2. Low Pressure Service Water
F01.030.038	1-56-JTC-2901 Rigid restraint	0-443 OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56
F01.030.039	1-56-SR14 Rigid restraint	0-438C OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.750		Calculaton No. OSC-421 Page 93; Problem No.4-56-02 Spent Fuel Cooling System 56

Total F01.030 Items: 6

F01.031.003	1-03A-H120 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1214 Page 25; Problem No.1- 03A-11. System 03A 6"EMER. FEED.WTR.
F01.031.013	1-56-H5129 Rigid restraint	0-443 OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OS-421 Page 101; Problem No.4-56-02 Spent Fuel Cooling System 56

Total F01.031 Items: 2

Class 3 Weld/Mech Conns at Inter Joints In Multiconn Int & Nonint Supp

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.032.002	1-02A-H12 Spring hanger	1-0-403A OFD-122A-1.4	QAL-14	VT-3	NA	6.000 0.500		Calculation Number OSC-325 Sheet 3 of 3; Problem 1-01-06 Page 91. System 01A Steam Supply to Emergency Feedwater Pump Turbine.
F01.032.007	1-07A-H8 Spring hanger	6-0-402A OFD-121A-1.8	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-362 Page 55; Problem No.1-07A-2 L.P.& H.P.Condensate System 07A

Total F01.032 Items: 2

Total Category F-A Items: 28

Reactor Coolant Pump Flywheel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G01.001.001	1-RCP-1A1 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1A1 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.001A	1-RCP-1A1 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1A1 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.002	1-RCP-1A2 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1A2 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.002A	1-RCP-1A2 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1A2 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.003	1-RCP-1B1 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1B1 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.003A	1-RCP-1B1 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1B1 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.004	1-RCP-1B2 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1B2 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.004A	1-RCP-1B2 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1B2 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.

Total G01.001 Items: 8

Total Category AUG Items: 8

High Pressure Injection Nozzle Safe End

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G02.001.001	1-PDA1-47 Circumferential	ISI OCN1-011 OM-201-597	NDE-610	UT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.001A	1-PDA1-47 Circumferential	ISI OCN1-011 OM-201-597	NDE-12	RT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.002	1-PDA2-47 Circumferential	ISI OCN1-012 OM-201-597	NDE-610	UT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.002A	1-PDA2-47 Circumferential	ISI OCN1-012 OM-201-597	NDE-12	RT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.003	1-PDB1-47 Circumferential	ISI OCN1-013 OM-201-597	NDE-610	UT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.003A	1-PDB1-47 Circumferential	ISI OCN1-013 OM-201-597	NDE-12	RT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.004	1-PDB2-47 Circumferential	ISI OCN1-014 OM-201-597	NDE-610	UT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.
G02.001.004A	1-PDB2-47 Circumferential	ISI OCN1-014 OM-201-597	NDE-12	RT Nozzle (HPI Nozzle) to safe end	SS	3.500 0.750		Reference Section 7 of the ISI Plan, Volume 1.

Total G02.001 Items: 8

Total Category AUG Items: 8

Pressurizer Surge Line

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G03.001.001	1-PSL-11 Circumferential Stress weld	ISI OCN1-015	NDE-35	PT Nozzle (Drain) to Pipe	SS 160	1.000 0.250		Reference Section 7 of the ISI Plan, Volume 1.

Total G03.001 Items: 1

Total Category AUG Items: 1

Circumferential Pipe Welds With A Nom. Wall Thk. < 3/8" and > NPS 4"

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G09.001.004	1-51A-01-64A Circumferential	1-51A-01(2) OFD-101A-1.3	NDE-35	PT Valve (1HP-111) to Pipe	SS	6.000 0.280		
G09.001.010	1-53B-03-33E Circumferential	1-53B-03(1) OFD-102A-1.2	NDE-35	PT Elbow to Pipe	SS	8.000 0.250		
G09.001.016	1-53B-05-59J Circumferential	1-53B-05(3) OFD-102A-1.2	NDE-35	PT Pipe to Elbow	SS	10.000 0.250		
G09.001.022	1-53B-07-24 Circumferential	1-53B-07(1) OFD-102A-1.2	NDE-35	PT Pipe to Elbow	SS	6.000 0.134		
G09.001.028	1-LP-94-2 Circumferential	1-LP-94 OFD-102A-1.2	NDE-35	PT Pipe to Elbow	SS	10.000 0.250		
G09.001.034	1-54A-03-03C Circumferential	1-54A-03(1) OFD-103A-1.1	NDE-35	PT Pipe to Valve (1BS-11)	SS	8.000 0.250		
G09.001.040	1-54A-04-88C Circumferential	1-54A-04(2) OFD-103A-1.1	NDE-35	PT Tee to Pipe	SS	8.000 0.250		
G09.001.046	1-56-2-30A Circumferential	1-56-2 OFD-104A-1.1	NDE-35	PT Pipe to Pipe	SS	8.000 0.148		

Total G09.001 Items: 8

Total Category AUG Items: 8

CATEGORY B-B, Pressure Retaining Welds in Vessels Other Than Reactor Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Shell-to-Head Welds; Circumferential ••••								
B02.011.002	1-PZR-WP28	ISI OCN1-002	NDE-620	UT	CS	84.000	40394	PZR Lower Head Pc. 6 to Heater Belt Shell Pc. 4 and Lower Heater Belt Forging Pc. 40.
	Circumferential	OM-201-1878	NDE-640			4.750		
				Pzr Lower Head to Pzr Lwr Htr Belt Forging				
Total B02.011 Items:	**1**							
•••• Shell-to-Head Welds; Longitudinal ••••								
B02.012.002	1-PZR-WP7-1	ISI OCN1-002	NDE-620	UT	CS	0.000	40338	Pressure Heater Belt Shell Pc. 4 to Lower / Upper Heater Belt Forging Pc. 40/41 Y-Z Quadrant.
	Longitudinal	OM-201-1878	NDE-640			6.188		
				Pzr Heater Belt Shell to Pzr Htr Belt Forging				
Total B02.012 Items:	**1**							

CATEGORY B-B, Pressure Retaining Welds in Vessels Other Than Reactor Vessels

Steam Generators (Primary Side)

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Tubesheet-to-Head Weld ••••								
B02.040.002	1-SGB-WG58-2 Circumferential	ISI-OCN1-004 OM-201-1873	NDE-620 NDE-640	UT	CS	119.000 8.500	40393	Steam Generator 1B Lower Head to Lower tubesheet. Piece 07 to 50.
				SGB Lower Head to LowerTubesheet				

Total B02.040 Items: 1

Total Category B-B Items: 3

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.110.011	1-PZR-WP26-3 Circumferential	ISI OCN1-002 OM-201-91 OM-201-1878		UT Pzr Nozzle to Shell	CS	5.750 6.187		Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc. 4 47 Degrees off W-Axis.
B03.110.012	1-PZR-WP26-7 Circumferential	ISI OCN1-002 OM-201-91 OM-201-1878		UT Pzr Nozzle to Shell	CS	5.750 6.187		Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.4 40 Degrees off W-Axis.

Total B03.110 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.120.011	1-PZR-WP26-3	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-680	UT Pzr Nozzle to Pzr Heater Belt Shell	CS	5.750 2.531	TBD	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.4 47 Degrees off W- Axis. (Inside Radius Section).
B03.120.012	1-PZR-WP26-7	ISI OCN1-002 OM-201-91 OM-201-1878	NDE-680	UT Pzr Nozzle to Pzr Heater Belt Shell	CS	5.750 2.531	TBD	Pressurizer Sensing and Sampling Nozzle Pc. 30 to Shell Pc.4 40 Degrees off W- Axis. (Inside Radius Section).

Total B03.120 Items: 2

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Steam Generators (Primary Side)

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.130.005	1-SGA-WG25 Circumferential	ISI-OCN1-003 OM-201-1873 OM-201-550	NDE-620 NDE-640	UT SGA Upper Head to Nozzle (Inlet Nozzle)	CS	48.630 8.000	40393	Steam Generator 1A Inlet Nozzle Pc.70 to Head Pc. 08.
B03.130.006	1-SGB-WG25 Circumferential	ISI-OCN1-004 OM-201-1873 OM-201-550	NDE-620 NDE-640	UT SGB Upper Head to Nozzle (Inlet Nozzle)	CS	48.630 8.000	40393	Steam Generator 1B Inlet Nozzle Pc. 70 to Head Pc. 08.

Total B03.130 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.140.005	1-SGA-WG25	ISI-OCN1-003 OM-201-1873 OM-201-550	NDE-680	UT SGA Upper Head to Inlet Nozzle	CS	48.630 5.250	40393	Steam Generator 1A Inlet Nozzle Pc. 70 to Head Pc. 8. (Inside Radius Section).
B03.140.006	1-SGB-WG25	ISI-OCN1-004 OM-201-1873 OM-201-550	NDE-680	UT SGB Upper Head to Inlet Nozzle	CS	48.630 5.250	40393	Steam Generator 1B Inlet Nozzle Pc. 70 to Head Pc. 8. (Inside Radius Section).

Total B03.140 Items: 2

Total Category B-D Items: 8

OCONEE U[illegible]UMBER 1
CLASS A (CATEGORY [illegible]-E) REQUIREMENTS
FOR OUTAGE NUMBER 20

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
B04.012.001	B/W 128714E9	N/A	HYDRO	VARIOUS	RPV-CRDM	VT-2	QAL-15	69 Welds CRDM to RPV Closure Head - Examine during Class A Hydro Test
B04.013.001	B/W 154712E	N/A	HYDRO	VARIOUS	RPV-INCORE	VT-2	QAL-15	52 Welds INCORE to RPV Bottom Head - Examine during Class A Hydro Test

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or larger; Nozzle-to-Safe End Butt Welds ••••								
B05.010.001	1-RPV-WR53 Circumferential	ISI OCN1-001 OM-201-092	NDE-35	PT	SS/CS	15.625 1.688		A-Side Core Flood Nozzle Safe-End Pc. 89 to Core Flood Nozzle Pc. 17 W-Axis.
				Nozzle (Core Flood) to Core Flood Noz.Safe-End				
B05.010.002	1-RPV-WR53A Circumferential	ISI OCN1-001 OM-201-92	NDE-35	PT	SS/CS	15.625 1.688		B-Side Core Flood Nozzle Safe-End Pc. 89 to Core Flood Nozzle Pc. 17 Y-Axis.
				Nozzle (Core flood) to CF nozzle safe end				

Total B05.010 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger; Dissimilar Metal Butt Welds ••••								
B05.130.005	1-PIB1-7 Circumferential Stress weld	ISI OCN1-009 OM-201-1845	NDE-610	UT Pipe to Safe end	SS/CS	33.500 2.330	40350	Examine from the pipe side.
B05.130.005A	1-PIB1-7 Circumferential Stress weld	ISI OCN1-009 OM-201-1845	NDE-610	UT Pipe to Safe end	SS/CS	33.500 2.330	40397	Examine from the safe end side.
B05.130.005B	1-PIB1-7 Circumferential Stress weld	ISI OCN1-009 OM-201-1845	NDE-35	PT Pipe to Safe end	SS/CS	33.500 2.330		
B05.130.006	1-PDB1-2 Circumferential Stress weld	ISI OCN1-013 OM-201-1845	NDE-610	UT Safe end to Elbow	SS/CS	33.500 2.330	40350	Examine from the elbow side.
B05.130.006A	1-PDB1-2 Circumferential Stress weld	ISI OCN1-013 OM-201-1845	NDE-610	UT Safe end to Elbow	SS/CS	33.500 2.330	40397	Examine from the safe end side.
B05.130.006B	1-PDB1-2 Circumferential Stress weld	ISI OCN1-013 OM-201-1845	NDE-35	PT Safe end to Elbow	SS/CS	33.500 2.330		
B05.130.011	1-PSP-1 Circumferential Term end / Stress weld	ISI OCN1-016 1-50-03(1)	NDE-610	UT Nozzle (Pzr spray nozzle) to Pipe	SS/Inconel 120	4.000 0.438	50373	Examine from the safe end side.
B05.130.011A	1-PSP-1 Circumferential Term end / Stress weld	ISI OCN1-016 1-50-03(1)	NDE-610	UT Nozzle (Pzr spray nozzle) to Pipe	SS/Inconel 120	4.000 0.438	50373	Examine from the pipe side.
B05.130.011B	1-PSP-1 Circumferential Term end / Stress weld	ISI OCN1-016 1-50-03(1)	NDE-35	PT Nozzle (Pzr spray nozzle) to Pipe	SS/Inconel 120	4.000 0.438		
B05.130.013	1-53A-03-1A Circumferential Term end	1-53A-03 OFD-102A-1.1	NDE-610	UT Pipe to Nozzle (Decay Heat Removal)	SS/Inconel	12.000 1.125	40414	Examine with B05.130.010 from the nozzle side.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B05.130.013A	1-53A-03-1A	1-53A-03	NDE-610	UT	SS/Inconel	12.000	40414	Examine with B05.130.010A from the pipe side.
Circumferential		OFD-102A-1.1				1.125		
Term end				Pipe to Nozzle (Decay Heat Removal)				
B05.130.013B	1-53A-03-1A	1-53A-03	NDE-35	PT	SS/Inconel	12.000		Examine with B05.130.010B.
Circumferential		OFD-102A-1.1				1.125		
Term end				Pipe to Nozzle (Decay Heat Removal)				
B05.130.014	1-PHA-13	ISI OCN1-005	NDE-610	UT	CS/Inconel	9.000	TBD	This weld covers the X-Axis
Circumferential						2.875		
				Pipe to RTE Mounting Boss				
B05.130.014A	1-PHA-13	ISI OCN1-005	NDE-35	PT	CS/Inconel	9.000		
Circumferential						2.875		
				Pipe to RTE Mounting Boss				

Total B05.130 Items: 14

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Less Than NPS 4; Dissimilar Metal Butt Welds ••••								
B05.140.005	1-PIB1-11	ISI OCN1-009	NDE-35	PT	CS/Inconel	3.500		
	Circumferential	OM-201-595				0.672		
				Nozzle (Drain nozzle) to Safe end				
B05.140.007	1-PDB1-11	ISI OCN1-013	NDE-35	PT	CS/Inconel	3.500		
		OM-201-597				0.750		
				Nozzle (Pressure Injection) to Pipe (Safe End)				
B05.140.008	1-PDB2-11	ISI OCN1-014	NDE-35	PT	CS/Inconel	3.500		
		OM-201-1845				0.750		
				Nozzle (Pressure Injection) to Pipe (Safe End)				
B05.140.011	1-50-01-21	1-50-01(1)	NDE-35	PT	SS/Inconel	1.500		
	Circumferential				160	0.281		
				Pipe to Elbow				

Total B05.140 Items: 4

Total Category B-F Items: 20

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Closure Head Nuts ••••								
B06.010.041	1-RPV-26-203-41	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.042	1-RPV-26-203-42	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.043	1-RPV-26-203-43	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.044	1-RPV-26-203-44	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.045	1-RPV-26-203-45	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.046	1-RPV-26-203-46	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.047	1-RPV-26-203-47	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.048	1-RPV-26-203-48	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.049	1-RPV-26-203-49	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.050	1-RPV-26-203-50	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.010.051	1-RPV-26-203-51	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.052	1-RPV-26-203-52	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.053	1-RPV-26-203-53	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.054	1-RPV-26-203-54	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.055	1-RPV-26-203-55	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.056	1-RPV-26-203-56	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.057	1-RPV-26-203-57	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.058	1-RPV-26-203-58	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.059	1-RPV-26-203-59	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
B06.010.060	1-RPV-26-203-63	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut

Total B06.010 Items: 20

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Closure Studs, when removed ••••								
306.030.041	1-RPV-25-203-41	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
306.030.041A	1-RPV-25-203-41	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
306.030.042	1-RPV-25-203-42	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
306.030.042A	1-RPV-25-203-42	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
306.030.043	1-RPV-25-203-43	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
306.030.043A	1-RPV-25-203-43	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
306.030.044	1-RPV-25-203-44	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
306.030.044A	1-RPV-25-203-44	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
306.030.045	1-RPV-25-203-45	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
306.030.045A	1-RPV-25-203-45	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.046	1-RPV-25-203-46	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.046A	1-RPV-25-203-46	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.047	1-RPV-25-203-47	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.047A	1-RPV-25-203-47	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.048	1-RPV-25-203-48	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.048A	1-RPV-25-203-48	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.049	1-RPV-25-203-49	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.049A	1-RPV-25-203-49	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.050	1-RPV-25-203-50	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.050A	1-RPV-25-203-50	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.051	1-RPV-25-203-51	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.051A	1-RPV-25-203-51	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.052	1-RPV-25-203-52	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.052A	1-RPV-25-203-52	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.053	1-RPV-25-203-53	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.053A	1-RPV-25-203-53	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.054	1-RPV-25-203-54	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.054A	1-RPV-25-203-54	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.055	1-RPV-25-203-55	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.055A	1-RPV-25-203-55	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.056	1-RPV-25-203-56	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.056A	1-RPV-25-203-56	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.057	1-RPV-25-203-57	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.057A	1-RPV-25-203-57	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.058	1-RPV-25-203-58	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.058A	1-RPV-25-203-58	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.059	1-RPV-25-203-59	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.059A	1-RPV-25-203-59	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.060	1-RPV-25-203-69	OM-201-0005 B&W128723E	NDE-942	UT	CS	6.500 0.000	TBD	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
B06.030.060A	1-RPV-25-203-69	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.

Total B06.030 Items: 40

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Closure Washers, Bushings ••••								
B06.050.001B	1-RPV-WASH-BUSH	B&W128723E	QAL-13	VT-1	CS	9.750 0.214		Reactor Vessel Closure Washers and Bushings. Stud Holes 41- 60

Total B06.050 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts and Studs ••••								
B06.180.003	1-RCP-1B1-F	OM-201D-34	NDE-942	UT	CS	4.320 28.000	TBD	Reactor Coolant Pump 1B1 Main Flange Bolts Pc. 19. All bolt surfaces examined.Total 24 Bolts.

Total B06.180 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Flange Surface, when connection dissassembled ••••								
B06.190.001	1-RCP-1A1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.002	1-RCP-1A2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.003	1-RCP-1B1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.004	1-RCP-1B2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)

Total B06.190 Items: 4

Total Category B-G-1 Items: 66

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.020.003	1-PZR-LHB-STUDS	OM-201-9 OM-201-1262		VT-1	CS	2.000 0.000		Pressurizer Center Heater Bundle Studs Pc. 75. (Total 16 Studs). Length = 17.875. All bolts, studs and nuts.

Total B07.020 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.030.003	1-SGB-UMW-BOLTS	OM-201-550 OM-201-352	QAL-13	VT-1	SS	0.000 0.000		Steam Generator 1A Upper Head Manway Studs and Nuts (Total 16 Studs Pc. 111 and Nuts Pc. 109).
B07.030.004	1-SGB-LMW-BOLTS	OM-201-550 OM-201-352	QAL-13	VT-1	SS	0.000 0.000		Steam Generator 1B Lower Head Manway Studs and Nuts (Total 16 Studs Pc. 111 and Nuts Pc. 109).
B07.030.007	1-SGB-UHIC-BOLTS	OM-201-550 OM-201-352	QAL-13	VT-1	SS	0.000 0.000		Steam Generator 1B Upper Head Inspection Cover Studs and Nuts. (Total 12 Studs Pc. 112 and Nuts Pc. 110).
B07.030.008	1-SGB-LHIC-BOLTS	OM-201-550 OM-201-352	QAL-13	VT-1	SS	0.000 0.000		Steam Generator 1B Lower Head Inspection Cover Studs and Nuts. (Total 12 Studs Pc. 112 and Nuts Pc. 110).

Total B07.030 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.070.001	1-53A-CF11-BOLTS	OM-245-001 OFD-102A-1.3	QAL-13	VT-1	CS	0.000 0.000		A-Side Core Flood (W-Axis) Valve 1CF-11 Bolting.
B07.070.002	1-53A-CF12-BOLTS	OM-245-001 OFD-102A-1.3	QAL-13	VT-1	CS	0.000 0.000		A-Side Core Flood (W-Axis) Valve 1CF-12 Bolting.
B07.070.003	1-53A-CF13-BOLTS	OM-245-001 OFD-102A-1.3	QAL-13	VT-1	CS	0.000 0.000		B-Side Core Flood (Y-Axis) Valve 1CF-13 Bolting.
B07.070.004	1-53A-CF14-BOLTS	OM-245-001 OFD-102A-1.3	QAL-13	VT-1	CS	0.000 0.000		B-Side Core Flood (Y-Axis) Valve 1CF-14 Bolting.
B07.070.006	1-53A-LP48-BOLTS	OM-245-001 OFD-102A-1.2	QAL-13	VT-1	CS	0.000 0.000		10" A-Side LPI Valve Bolting - Valve 1LP-47.
B07.070.014	1-53A-LP104-BOLTS	OM-245-755 OFD-102A-1.1	QAL-13	VT-1	NA	0.000 0.000		Decay Heat Emergency Dump Valve 1LP-104 Bolting (Total 6 Bolts Pc. 20 6 Nuts/Washers Pc. 41 & 44)

Total B07.070 Items: 6

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

CRD Housings

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.080.001	1-RPV-CRD-BOLTS	OM-201-2248 DPS 706599-1056 B&W152006E	QAL-13	VT-1	CS	1.250 0.000		CRD Housing Bolts (Total 8 Bolts) 2 Connections inspected to date; CRD # 38, # 59.(Inspect only if Disassembled)
B07.080.002	1-RPV-CRD-RINGS	OM-201-2248 DPS 706599-1056 B&W152006E	QAL-13	VT-1	CS	11.500 1.250		CRD Housing Rings ; 1 Pair per CRD Housing. 2 Connections inspected to date ; CRD # 38, #59.(Inspect only if Disassembled)

Total B07.080 Items: 2

Total Category B-G-2 Items: 13

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.011.016	1-PDA1-9 Circumferential	ISI OCN1-011 B&W 131913E11	NDE-600	UT Pipe to Nozzle (RV nozzle)	CS	33.500 2.330	40350	
B09.011.016A	1-PDA1-9 Circumferential	ISI OCN1-011 B&W 131913E11	NDE-25	MT Pipe to Nozzle (RV nozzle)	CS	33.500 2.330		
B09.011.032	1-PDA2-9 Circumferential	ISI OCN1-012 B&W 131914E6	NDE-600	UT Pipe to Nozzle (RV nozzle)	CS	33.500 2.330	40350	
B09.011.032A	1-PDA2-9 Circumferential	ISI OCN1-012 B&W 131914E6	NDE-25	MT Pipe to Nozzle (RV nozzle)	CS	33.500 2.330		
B09.011.036	1-PIB1-5 Circumferential	ISI OCN1-009 B&W 131914E6	NDE-600	UT Elbow to Pipe	CS	33.500 2.330	40350	Inspect during the 1st, 2nd and 3rd period in order to comply with surveillance requirements. Inspection in 3rd period (RFO 20) is for surveillance and for the required examination for the 3rd interval.
B09.011.036A	1-PIB1-5 Circumferential	ISI OCN1-009 B&W 131914E6	NDE-25	MT Elbow to Pipe	CS	33.500 2.330		
B09.011.040	1-PIB1-1 Circumferential Term end / Stress weld	ISI OCN1-009 B&W 131914E6	NDE-600	UT Steam Generator 1B to Pipe	CS	33.500 2.330	40350	
B09.011.040A	1-PIB1-1 Circumferential Term end / Stress weld	ISI OCN1-009 B&W 131914E6	NDE-25	MT Steam Generator 1B to Pipe	CS	33.500 2.330		
B09.011.048	1-PDB1-9 Circumferential Term end	ISI OCN1-013 OM-201-581	NDE-600	UT Pipe to Elbow	CS	33.500 2.330	40350	
B09.011.048A	1-PDB1-9 Circumferential Term end	ISI OCN1-013 OM-201-581	NDE-25	MT Pipe to Elbow	CS	33.500 2.330		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.011.056	1-PIB2-1 Circumferential Term end / Stress weld	ISI OCN1-010 B&W 131914E6	NDE-600	UT Nozzle (Steam Generator 1B) to Pipe	CS	33.500 2.330	40350	
B09.011.056A	1-PIB2-1 Circumferential Term end / Stress weld	ISI OCN1-010 B&W 131914E6	NDE-25	MT Nozzle (Steam Generator 1B) to Pipe	CS	33.500 2.330		
B09.011.064	1-PDB2-9 Circumferential Term end / Stress weld	ISI OCN1-014 OM-201-581	NDE-600	UT Pipe to Nozzle (RV Nozzle)	CS	33.500 2.333	40350	
B09.011.064A	1-PDB2-9 Circumferential Term end / Stress weld	ISI OCN1-014 OM-201-581	NDE-25	MT Pipe to Nozzle (RV Nozzle)	CS	33.500 2.333		
B09.011.076	1-PHA-12 Circumferential Term end	ISI OCN1-005 OM-201-583	NDE-600	UT Pipe (Safe end) to Nozzle (Steam Generator 1A)	CS	36.000 2.856	40350	
B09.011.076A	1-PHA-12 Circumferential Term end	ISI OCN1-005 OM-201-583	NDE-25	MT Pipe (Safe end) to Nozzle (Steam Generator 1A)	CS	36.000 2.856		
B09.011.088	1-PHB-12 Circumferential Term end	ISI OCN1-006 OM-201-583	NDE-600	UT Pipe to Nozzle (Steam Generator 1B)	CS	36.000 2.856	40350	
B09.011.088A	1-PHB-12 Circumferential Term end	ISI OCN1-006 OM-20-583	NDE-25	MT Pipe to Nozzle (Steam Generator 1B)	CS	36.000 2.856		
B09.011.090	1-53A-02-43L Circumferential	1-53A-02(3) OFD-102A-1.3	NDE-600	UT Pipe to Pipe	SS	14.000 1.250	40389	
B09.011.090A	1-53A-02-43L Circumferential	1-53A-02(3) OFD-102A-1.3	NDE-35	PT Pipe to Pipe	SS	14.000 1.250		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.011.100	1-53A-01-1L Circumferential	1-53A-01(2) OFD-102A-1.3	NDE-600	UT Pipe to Pipe	SS	14.000 1.250	40389	
B09.011.100A	1-53A-01-1L Circumferential	1-53A-01(2) OFD-102A-1.3	NDE-35	PT Pipe to Pipe	SS	14.000 1.250		
B09.011.111	1-53A-03-8A Circumferential	1-53A-03 OFD-102A-1.1	NDE-600	UT Elbow to Valve (1LP-1)	SS	12.000 1.125	40413	
B09.011.111A	1-53A-03-8A Circumferential	1-53A-03 OFD-102A-1.1	NDE-35	PT Elbow to Valve (1LP-1)	SS	12.000 1.125		

Total B09.011 Items: 24

•••• Longitudinal Welds ••••

B09.012.025	1-PIB1-62LI Longitudinal	ISI OCN1-009 B&W 131914E6	NDE-600	UT Elbow to Elbow	CS	33.500 2.330	40350	
B09.012.025A	1-PIB1-62LI Longitudinal	ISI OCN1-009 B&W 131914E6	NDE-25	MT Elbow to Elbow	CS	33.500 2.330		
B09.012.026	1-PIB1-62LO Longitudinal	ISI OCN1-009 B&W 131914E6	NDE-600	UT Elbow to Elbow	CS	33.500 2.330	40350	
B09.012.026A	1-PIB1-62LO Longitudinal	ISI OCN1-009 B&W 131914E6	NDE-25	MT Elbow to Elbow	CS	33.500 2.330		
B09.012.029	1-PDB1-212LO Longitudinal	ISI OCN1-013 OM-201-1844	NDE-600	UT Elbow to Elbow	CS	33.500 2.330	40350	

CATEGORY B-J, Pressure Retaining Welds In Piping

NPS 4 or Larger

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.012.029A	1-PDB1-212LO Longitudinal	ISI OCN1-013 OM-201-1844	NDE-25	MT Elbow to Elbow	CS	33.500 2.330		
B09.012.030	1-PDB1-212LI Longitudinal	ISI OCN1-013 OM-201-1844	NDE-600	UT Elbow to Elbow	CS	33.500 2.330	40350	
B09.012.030A	1-PDB1-212LI Longitudinal	ISI OCN1-013 OM-201-1844	NDE-25	MT Elbow to Elbow	CS	33.500 2.330		

Total B09.012 Items: 8

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.021.003	1-PSP-11 Circumferential	ISI OCN1-016 1-50-03(1)	NDE-35	PT Tee (2.5 x 1.5) to Valve (1RC-1)	SS 160	2.875 0.375		Duke weld # 1-50-3-25C
B09.021.004	1-PSP-12 Circumferential	ISI OCN1-016 1-50-03(1)	NDE-35	PT Valve (1RC-1) to Pipe	SS	2.875 0.375		Duke weld # 1-50-03-24C
B09.021.005	1-PSP-14 Circumferential Stress weld	ISI OCN1-016 1-50-03(1)	NDE-35	PT Elbow to Tee (2.5 x 1.5)	SS 160	2.875 0.375		
B09.021.026	1-50-01-25 Circumferential	1-50-01(1)	NDE-35	PT Pipe to Elbow	SS 160	1.500 0.281		
B09.021.027	1-50-01-29 Circumferential	1-50-01(1)	NDE-35	PT Pipe to Tee	SS 160	1.500 0.281		
B09.021.028	1-50-01-30 Circumferential	1-50-01(1)	NDE-35	PT Tee to Pipe	SS 160	1.500 0.281		
B09.021.030	1-50-01-3 Circumferential	1-50-01(2) OFD-100A-1.1	NDE-35	PT Elbow to Pipe	SS	1.500 0.281		
B09.021.031	1-50-01-5 Circumferential	1-50-01(2)	NDE-35	PT Tee to Pipe	SS	1.500 0.281		
B09.021.039	1-51A-04-44C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.040	1-51A-04-41C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		

CATEGORY B-J, Pressure Retaining Welds In Piping

Less Than NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.021.041	1-51A-04-39C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		
B09.021.042	1-51A-04-35C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		
B09.021.043	1-51A-04-32C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.044	1-51A-04-30C Circumferential	1-51A-04 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.060	1-51A-11-85A Circumferential Stress weld	1-51A-11(3)	NDE-35	PT Pipe to Safe end	SS	2.500 0.375		
B09.021.061	1-51A-11-85B Circumferential	1-51A-11(3)	NDE-35	PT Pipe to Tee	SS	2.500 0.375		

Total B09.021 Items: 16

CATEGORY B-J, Pressure Retaining Welds In Piping

Branch Pipe Connection Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger ••••								
B09.031.006 Branch	1-PIB1-12	ISI OCN1-009	NDE-600	UT	CS/Inconel	8.750 2.250	TBD	
				Pipe to Pipe (RTE pipe)				
B09.031.006A Branch	1-PIB1-12	ISI OCN1-009	NDE-35	PT	CS/Inconel	8.750 2.250		
				Pipe to Pipe (RTE pipe)				
Total B09.031 Items:	**2**							
•••• Less Than NPS 4 ••••								
B09.032.003 Branch	1-PIB2-10	ISI OCN1-010 B&W 131918E6	NDE-25	MT	CS	3.000 2.250		
				Pipe to Nozzle (Drain Nozzle)				
B09.032.008 Branch Stress weld	1-PDB2-10	ISI OCN1-014 OM-201-597	NDE-25	MT	CS	3.000 2.250		
				Pipe to Nozzle (Pressure Injection nozzle)				
Total B09.032 Items:	**2**							
Total Category B-J Items:	**52**							

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing Welds ••••								
B12.010.001	1-RCP-1A1	OM-201D-35 OM-201-1148 ISI-OCN1-007	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.002	1-RCP-1A2	OM-201D-35 OM-201-1148 ISI-OCN1-008	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.003	1-RCP-1B1	OM-201D-35 OM-201-1148 ISI-OCN1-009	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.004	1-RCP-1B2	OM-201D-35 OM-201-1148 ISI-OCN1-010	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)

Total B12.010 Items: 4

Pumps

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing ••••								
B12.020.001	1-RCP-1A1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-007	QAL-14	VT-3	SS	77.000 0.000	Casing Internal Surfaces to Other	Reactor Coolant Pump 1A1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.002	1-RCP-1A2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-008	QAL-14	VT-3	SS	77.000 0.000	Casing Internal Surfaces to Other	Reactor Coolant Pump 1A2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.003	1-RCP-1B1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-009	QAL-14	VT-3	SS	77.000 0.000	Casing Internal Surfaces to Other	Reactor Coolant Pump 1b1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.004	1-RCP-1B2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-010	QAL-14	VT-3	SS	77.000 0.000	Casing Internal Surfaces to Other	Reactor Coolant Pump 1B2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)

Total B12.020 Items: 4

Valves

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Valve Body, Exceeding NPS 4 ••••								
B12.050.001	1-53A-CF-11	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	A- Side Core Flood (W-Axis) Valve Body - Valve CF-11 (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.002	1-53A-CF-12	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	A-Side Core Flood (W- Axis) Valve Body - Valve CF-12. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.003	1-53A-CF-13	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	B-Side Core Flood (Y- Axis) Valve Body - Valve CF-13. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.004	1-53A-CF-14	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	B- Side Core Flood (Y- Axis) Valve Body - CF-14.
B12.050.005	1-53A-LP-1	OM-201-165 OFD-102A-1.1	QAL-14	VT-3	SS	15.250 0.000	Valve (Internal Surfaces) to Other	Decay Heat Suction from Reactor Coolant System. LP-1 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.006	1-53A-LP-2	OM-201-165 OFD-102A-1.1	QAL-14	VT-3	SS	15.250 0.000	Valve (Internal Surfaces) to Other	Decay Heat Suction from Reactor Coolant System. LP-2 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair,ect..)
B12.050.007	1-53A-LP-47	OM-245-001 OFD-102A-1.2	QAL-14	VT-3	SS	10.937 0.000	Valve (Internal Surfaces) to Other	B-Side LP1 Valve Body - Valve LP-47. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.008	1-53A-LP-48	OM-245-001 OFD-102A-1.2	QAL-14	VT-3	SS	10.937 0.000	Valve (Internal Surfaces) to Other	B-Side LP1 Valve Body - Valve LP-48.(Inspect only if valve is disassembled for maint. purposes ,valve repair , ,ect..)

Total B12.050 Items: 8

Total Category B-M-2 Items: 16

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Welds in CRD Housing ••••								
B14.010.003	1-RPV-CRD-59WH9	OM-201-2186 OM-201-1059	NDE-35	PT Housing Body to Adapter	SS/Inconel	4.025 0.650		CRDM Housing Body MK-67 to Adapter MK-55.
B14.010.006	1-RPV-CRD-59W60	DPS 706599-1056 OFD-100A-1.1	NDE-35	PT Base to Motor Tube	SS/CS	5.000 0.500		CRDM Base to Motor Tube - CRDM # 59.
B14.010.009*	1-RPV-CRD-59	DPS 706599-1056 OFD-100A-1.1	NDE-35	PT Motor Tube to Extension	SS/CS	4.300 0.400		CRDM Motor Tube to Extension - CRDM #59.
B14.010.012	1-RPV-CRD-59W61	DPS 706605-1058 OFD-100A-1.1	NDE-35	PT Extension to Cap	SS	4.190 0.380		Peripheral CRDM Extension to Cap - CRDM # 59.

Total B14.010 Items: 4

Total Category B-O Items: 4

OCONEE U[illegible]UMBER 1
CLASS A (CATEGORY [illegible]-P) REQUIREMENTS
FOR OUTAGE NUMBER 20

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
B15.051.001	SEE COMMENTS	N/A	HYDRO	VARIOUS	RC SYSTEM	VT-2	QAL-15	Drawings that make up the Class A Hydro Boundary: OFDH-100A-1.1, OFDH-100A-1.2, OFDH-100A-1.3, OFDH-101A-1.1, OFDH-101A-1.4, OFDH-102A-1.1, OFDH-102A-1.2, OFDH-102A-1.3, OFDH-110A-1.1, OFDH-110A-1.4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.010.002	1-SGA-WG8-3 Circumferential	ISI-OCN1-003 OM-201-1873	NDE-620 NDE-640	UT SGA Shell to SGA Nozzle Belt	CS	138.000 4.188	40394	Steam Generator 1A Nozzle Belt Pc. 03 to Shell Pc. 02.
C01.010.010	1-BWST-STS-1 Circumferential	OM-12010-80	NDE-630	UT Shell to Shell	SS	0.000 0.352	TBD	Borated Water Storage Tank
C01.010.011	1-BWST-STS-2 Circumferential	OM-12010-80	NDE-630	UT Shell to Shell	SS	0.000 0.405	TBD	Borated Water Storage Tank
C01.010.012	1-BWST-STS-3 Circumferential	OM-12010-80	NDE-630	UT Shell to Shell	SS	0.000 0.459	TBD	Borated Water Storage Tank
C01.010.013	1-BWST-STS-4 Circumferential	OM-12010-80	NDE-630	UT Shell to Shell	SS	0.000 0.520	TBD	Borated Water Storage Tank

Total C01.010 Items: 5

CATEGORY C-A, Pressure Retaining Welds In Pressure Vessels

Head Circumferential Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.020.001	1-BWST-HTS-1 Circumferential	OM-12010-80	NDE-630	UT Head to Shell	SS	0.000 0.311	TBD	Borated Water Storage Tank

Total C01.020 Items: 1

Total Category C-A Items: 6

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Shell (or Head) Weld ••••								
C02.021.001	1-SGA-WG23-1 Circumferential	ISI-OCN1-003 OM-201-1873 OM-201-0034	NDE-620 NDE-640	UT Outlet Nozzle to Shell	CS	29.000 6.750	40338	Steam Generator 1A Outlet Nozzle, W-X Axis, Piece 14 to Shell Pc. 03.
C02.021.001A	1-SGA-WG23-1 Circumferential	ISI-OCN1-003 OM-201-1873 OM-201-0034	NDE-25	MT Outlet Nozzle to Shell	CS	29.000 6.750		Steam Generator 1A Outlet Nozzle, W-X Axis, Piece 14 to Shell Pc. 03.
Total C02.021 Items:	**2**							
•••• Nozzle Inside Radius Section ••••								
C02.022.001	1-SGA-WG23-1	ISI-OCN1-003 OM-201-1873	NDE-680	UT Nozzle (Outlet Nozzle) to Shell	CS	29.000 6.750	40338	Steam Generator 1A Outlet Nozzle, W-X Axis. Pc. 14 to Shell Pc.03. (Inside Radius Section).
Total C02.022 Items:	**1**							

CATEGORY C-B, Pressure Retaining Nozzle Welds In Vessels

Nozzles With Reinforcing Plate In Vessels > 1/2 in. Nominal Thickness

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Reinforcing Plate Welds to Nozzle and Vessel ••••								
C02.031.001	1-BWST-OUTLET	OM-12010-80	NDE-35	PT	SS	14.000		14" Outlet Nozzle W/Reinf. Pad
	Circumferential			Nozzle to Shell		0.375		Borated Water Storage Tank
Total C02.031 Items:	**1**							
•••• Nozzle-to-Shell (or Head) Welds When Inside of Vessel Is Inaccessible ••••								
C02.033.001	1-BWST-OUTLET	OM-12010-80	QAL-15	VT-2	SS	0.000		14" Outlet Nozzle W/Reinf. Pad
	Circumferential			Nozzle to Shell		0.500		Borated Water Storage Tank
Total C02.033 Items:	**1**							
Total Category C-B Items:	**5**							

CATEGORY C-C, Integral Attachments For Vessels, Piping, Pumps, And Valves

Pressure Vessels

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Integrally Welded Attachments ••••								
C03.010.003	1-SGA-WG84-WX	OM-201-76 OM-201-0006	NDE-25	MT Attachment to Shell	CS	0.000 1.000		Steam Generator 1A Feedwater Header Support Attachment Pc. 152/153 to Pc. 3 W- X Quadrant Nearest to W- Axis.
C03.010.004	1-SGA-WG84-XW	OM-201-76 OM-201-0006	NDE-25	MT Attachment to Shell	CS	0.000 1.000		Steam Generator 1A Feedwater Header Support Attachment Pc. 152/153 to Pc. 3 W-X Quadrant Nearest to X- Axis.
C03.010.008	1-SGB-WG84-WZ	OM-201-76 OM-201-0006	NDE-25	MT Attachment to Shell	CS	0.000 1.000		Steam Generator 1B Feedwater Header Support Attachment Pc. 152/153 to Pc. 3 Z-W Quadrant Nearest to W- Axis.

Total C03.010 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Integrally Welded Attachments ••••								
C03.020.003	1-01A-H13 Rigid restraint	0-550 OFD-122A-1.1	NDE-25	MT	CS	34.000 0.750		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.1 OF 3; System 01A;PAGE# 131.1; MAIN STEAM PIPING
C03.020.004	1-01A-H14 Rigid restraint	0-550 OFD-122A-1.1	NDE-25	MT	CS	34.000 0.750		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.1 OF 3; System 01A;PAGE# 131.1; MAIN STEAM PIPING
C03.020.006	1-01A-H4A Rigid restraint	0-481A OFD-122A-1.1	NDE-25	MT	CS	24.250 0.750		Calculaton No. OSC-1296-06; Problem No. 1-01-07; System 01A;PAGE# 6 (2)-24.23A MAIN STEAM FROM PEN 26 TO SG 1A
C03.020.007	1-01A-H4B Rigid restraint	0-481A OFD-122A-1.1	NDE-25	MT	CS	24.250 0.750		Calculaton No. OSC-1296-06; Problem No. 1-01-08; System 01A;PAGE# 6 (1)-25.18; MAIN STEAM FROM PEN 28 TO SG 1B
C03.020.008	1-01A-H5A Constant support	0-481A OFD-122A-1.1	NDE-25	MT	CS	24.250 1.000		Calculaton No. OSC-1296-06; Problem No. 1-01-07; System 01A;PAGE# 6 (2)-24.23A MAIN STEAM FROM PEN 26 TO SG 1A
C03.020.019	1-03-H15B Spring hanger	0-481A OFD-121B-1.3	NDE-25	MT	CS	10.000 1.500		Calculation No. OSC-1297-06 ; Problem No. 1-03-05 . System 03 Steam Generator 1B .
C03.020.027	1-14-H3 Rigid restraint	0-479A OFD-124B-1.2 1-14-12	NDE-25	MT	CS	6.000 0.750		Problem No; 1-14-12 Sht. 0-492A-7 Low Pressure Service Water Emergency Cooler 1C Outlet
C03.020.028	1-14-H4 Rigid restraint	0-479A OFD-124B-1.2 1-14-16	NDE-25	MT	CS	6.000 0.750		Problem No;1-14-16 Sht.0-492A-4 Low Pressure Service Water Emergency Cooler 1C Inlet
C03.020.040	1-53B-DE061 Rigid restraint	0-435B OFD-102A-1.1	NDE-35	PT	SS	14.000 1.000		Calculaton No. OS-407; Problem No. 1-53-1;SHT.1 OF 4 PAGE#104; SYSTEM 53B; LP INJECTION LINE
C03.020.046	1-53B-H3 Rigid restraint	2-0-436E OFD-102A-1.1	NDE-35	PT	SS	14.000 0.280		Calculaton No. OSC-407; Problem No. 1-53-1;SHT.2 OF 4 PAGE# 105.1; SYSTEM 53 LP INJECTION LINE

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C03.020.052	1-53B-R16 Rigid restraint	5-0-436D OFD-102A-1.2	NDE-35	PT	SS	10.000 1.000		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
C03.020.053	1-53B-R22 Rigid restraint	5-0-436D OFD-102A-1.2	NDE-35	PT	SS	10.000 0.750		Calculation Number OS-406 Sheet 1 of 1; Problem No. 1-53-03 Page 71. System 53B Decay Heat Pump 1B and 1C to Decay Heat Cooler 1B .
C03.020.059	1-54A-R14 Rigid restraint	0-444 OFD-103A-1.1	NDE-35	PT	SS	8.000 1.500		Calculaton No. OS-416 Page 58.1; Problem No. 1-54-03, Sheet 1 of 1. System 54A Auxiliary Building.
C03.020.062	1-54A-R3 Rigid restraint	3-0-435B OFD-103A-1.1	NDE-35	PT	SS	8.000 1.000		Calculaton No. OS-415 Page 50; Problem No. 1-54-2 Sheet 1 of 1. System 54A Auxiliary Building.
C03.020.065	1-55-SR12 Rigid restraint	1-0-439C OFD-144A-1.2	NDE-25	MT	SS	8.000 1.000		Calculaton No. OSC-1549 Page 101; Problem No.4-55-1 8" Component Cooling Wtr. Disch. System 55-1
C03.020.066	1-56-SR17 Rigid support	0-437B OFD-104A-1.2	NDE-35	PT	SS	8.000 0.750		Calculaton No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling
C03.020.069	1-JWC-1702 Rigid support	0-490B-2A OM-201-0176	NDE-25	MT	CS	0.000 1.000		Main Fdwtr. A-Rigid Y-Z Axis Axis
C03.020.070	1-JWC-1701 Rigid support	0-490B-2A OM-201-0176	NDE-25	MT	CS	0.000 1.000		Main Fdwtr. A-Rigid Y-Z Axis
C03.020.073	1-JWC-1607 Rigid support	0-490B-3A OM-201-0176	NDE-25	MT	CS	0.000 1.000		Main Fdwtr. A-Rigid W-XAxis Axis
C03.020.074	1-JWC-1606 Rigid support	0-490B-3A OM-201-0176	NDE-25	MT	CS	0.000 1.000		Main Fdwtr. A-Rigid X-Y Axis Axis

Total C03.020 Items: 20

CATEGORY C-C, Integral Attachments For Vessels, Piping, Pumps, And Valves

Piping

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS

Total Category C-C Items: 23

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts and Studs ••••								
C04.040.001	1-01A-SV1-STUD	OM-200-195 OFD-122B-1.1	NDE-942	UT Studs to Other	CS	2.250 0.000	TBD	Main Steam Stop Valve SV1 Studs.

Total C04.040 Items: 1

Total Category C-D Items: 1

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds ≥ 3/8 in. Nominal Wall Thickness for Piping > NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.011.001	1-51A-08-80EB Circumferential	1-51A-08 OFD-101A-1.1	NDE-600	UT N16 decay tk head to N16 decay tk	SS	14.000 1.406	40389	
C05.011.001A	1-51A-08-80EB Circumferential	1-51A-08 OFD-101A-1.1	NDE-35	PT N16 decay tk head to N16 decay tk	SS	14.000 1.406		
C05.011.002	1-51A-08-80EC Circumferential	1-51A-08 OFD-101A-1.1	NDE-600	UT N16 decay tk to N16 decay tk head	SS	14.000 1.406	40389	
C05.011.002A	1-51A-08-80EC Circumferential	1-51A-08 OFD-101A-1.1	NDE-35	PT N16 decay tk to N16 decay tk head	SS	14.000 1.406		
C05.011.007	1-53A-02-66L Circumferential	1-53A-02(1) OFD-102A-1.2	NDE-600	UT Pipe to Valve (1LP-47)	SS	10.000 1.125	40354	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 53A category C5.21.
C05.011.007A	1-53A-02-66L Circumferential	1-53A-02(1) OFD-102A-1.2	NDE-35	PT Pipe to Valve (1LP-47)	SS	10.000 1.125		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 53A category C5.21.

Total C05.011 Items: 6

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.021.006	1-51A-122-15 Circumferential	1-51A-122 OFD-101A-1.4	NDE-600	UT Pipe to Flange (Orifice)	SS	4.000 0.531	40406	
C05.021.006A	1-51A-122-15 Circumferential	1-51A-122 OFD-101A-1.4	NDE-35	PT Pipe to Flange (Orifice)	SS	4.000 0.531		
C05.021.011	1-51A-123-6 Circumferential	1-51A-123 OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	
C05.021.011A	1-51A-123-6 Circumferential	1-51A-123 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		
C05.021.016	1-51A-124-6 Circumferential	1-51A-124 OFD-101A-1.3	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.016A	1-51A-124-6 Circumferential	1-51A-124 OFD-101A-1.3	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.022	1-51A-125-7 Circumferential	1-51A-125 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.022A	1-51A-125-7 Circumferential	1-51A-125 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.028	1-51A-126-7 Circumferential	1-51A-126 OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	
C05.021.028A	1-51A-126-7 Circumferential	1-51A-126 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 In. Nom Wall For Piping ≥ NPS 2 And ≤ NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.034	1-51A-16-113 Circumferential	1-51A-16(3) OFD-101A-1.4	NDE-600	UT Valve (1HP-31) to Elbow	SS	4.000 0.531	40406	
C05.021.034A	1-51A-16-113 Circumferential	1-51A-16(3) OFD-101A-1.4	NDE-35	PT Valve (1HP-31) to Elbow	SS	4.000 0.531		
C05.021.043	1-51A-01-91A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-600	UT Pipe to Valve (1HP-128)	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21.
C05.021.043A	1-51A-01-91A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-35	PT Pipe to Valve (1HP-128)	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21.
C05.021.049	1-51A-01-115A Circumferential	1-51A-01(4) OFD-101A-1.3	NDE-600	UT Tee to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.049A	1-51A-01-115A Circumferential	1-51A-01(4) OFD-101A-1.3	NDE-35	PT Tee to Pipe	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.055	1-51A-02-22B Circumferential	1-51A-02 OFD-101A-1.4	NDE-600	UT Tee to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.055A	1-51A-02-22B Circumferential	1-51A-02 OFD-101A-1.4	NDE-35	PT Tee to Pipe	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.059	1-51A-03-74B Circumferential	1-51A-03(1) OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.059A	1-51A-03-74B Circumferential	1-51A-03(1) OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 In. Nom Wall For Piping ≥ NPS 2 And ≤ NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.065	1-51A-03-118B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-600	UT Tee to Valve (1HP-119)	SS	2.500 0.375	40378	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.065A	1-51A-03-118B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-35	PT Tee to Valve (1HP-119)	SS	2.500 0.375		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.066	1-51A-03-133BA Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	2.500 0.552	TBD	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.066A	1-51A-03-133BA Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.552		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.072	1-51A-137-11 Circumferential	1-51A-137 OFD-101A-1.1	NDE-600	UT Pipe to Elbow	SS	2.500 0.375	40378	Inspecting this weld in order to meet 7.5% of system 56. Borrowing from system 51A category C5.21
C05.021.072A	1-51A-137-11 Circumferential	1-51A-137 OFD-101A-1.1	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		Inspecting this weld in order to meet 7.5% of system 56. Borrowing from system 51A category C5.21

Total C05.021 Items: 26

ITEM NUMBER		ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••									
C05.041.008	Branch	1-53B-05-93JA	1-53B-05(2) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	4.000 0.120		
C05.041.009	Branch	1-53B-05-93JAZ	1-53B-05(2) OFD-102A-1.2	NDE-35	PT Reinforcing collar to Pipe	SS	4.000 0.120		Reinforcing collar at weld 93JA.
C05.041.019	Branch	1-53B-10-57BA	1-53B-10 OFD-102A-1.1	NDE-35	PT Pipe to Pipe	SS	8.000 0.148		
C05.041.020	Branch	1-53B-10-66BA	1-53B-10 OFD-102A-1.1	NDE-35	PT Pipe to Pipe	SS	3.000 0.120		
C05.041.021	Branch	1-53B-10-66ZA	1-53B-10 OFD-102A-1.1	NDE-35	PT Reinforcing collar to Pipe	SS	3.000 0.120		Reinforcing collar weld at weld 66BA. Dimensions are for weld 66BA.
C05.041.022	Branch	1-53B-10-66Z	1-53B-10 OFD-102A-1.1	NDE-35	PT Reinforcing collar to Pipe	SS	3.000 0.120		Reinforcing collar weld at weld 66BA. Dimensions are for weld 66BA.

Total C05.041 Items: 6

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.051.003	1-01A-02-14B Circumferential Term end	1-01A-02 OFD-122A-1.1	NDE-600	UT Elbow to Pipe	CS	26.000 0.875	TBD	
C05.051.003A	1-01A-02-14B Circumferential Term end	1-01A-02 OFD-122A-1.1	NDE-25	MT Elbow to Pipe	CS	26.000 0.875		
C05.051.005	1-01A-01-12 Circumferential	1-01A-01(1) OFD-122A-1.1	NDE-600	UT Pipe to Pipe	CS	34.000 1.164	TBD	
C05.051.005A	1-01A-01-12 Circumferential	1-01A-01(1) OFD-122A-1.1	NDE-25	MT Pipe to Pipe	CS	34.000 1.164		
C05.051.007	1-MS13A-A Circumferential	1-MS13A	NDE-600	UT Pipe to Elbow	CS	34.000 1.164	TBD	Grinnell subassembly MS13A
C05.051.007A	1-MS13A-A Circumferential	1-MS13A	NDE-25	MT Pipe to Elbow	CS	34.000 1.164		
C05.051.020	1-03-03-28B Circumferential	1-03-03(1) OFD-121B-1.3	NDE-600	UT Elbow to Elbow	CS	20.000 1.031	TBD	
C05.051.020A	1-03-03-28B Circumferential	1-03-03(1) OFD-121B-1.3	NDE-25	MT Elbow to Elbow	CS	20.000 1.031		
C05.051.022	1-03-03-44B Circumferential	1-03-03(1) OFD-121B-1.3	NDE-600	UT Elbow to Reducer	CS	14.000 0.750	TBD	
C05.051.022A	1-03-03-44B Circumferential	1-03-03(1) OFD-121B-1.3	NDE-25	MT Elbow to Reducer	CS	14.000 0.750		

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Piping Welds ≥ 3/8 in. Nominal Wall Thickness for Piping > NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.023	1-03A-11-172 Circumferential	1-03A-11 OFD-121B-1.3	NDE-600	UT Pipe to Pipe	CS	6.000 0.432	50331	
C05.051.023A	1-03A-11-172 Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Pipe to Pipe	CS	6.000 0.432		
C05.051.024	1-03A-05-96 Circumferential	1-03A-05 OFD-121D-1.1	NDE-600	UT Pipe to Valve (1FDW-233)	CS	6.000 0.432	50331	
C05.051.024A	1-03A-05-96 Circumferential	1-03A-05 OFD-121D-1.1	NDE-25	MT Pipe to Valve (1FDW-233)	CS	6.000 0.432		
C05.051.038	1-LPSW-344-20 Circumferential	1-LPSW-344 OFD-124B-1.2	NDE-600	UT Elbow to Pipe	CS	8.000 0.500	TBD	
C05.051.038A	1-LPSW-344-20 Circumferential	1-LPSW-344 OFD-124B-1.2	NDE-25	MT Elbow to Pipe	CS	8.000 0.500		
C05.051.044	1-LPSW-345-37 Circumferential	1-LPSW-345 OFD-124B-1.2	NDE-600	UT Tee to Flange	CS	6.000 0.432	50331	
C05.051.044A	1-LPSW-345-37 Circumferential	1-LPSW-345 OFD-124B-1.2	NDE-25	MT Tee to Flange	CS	6.000 0.432		
C05.051.050	1-LPSW-346-31 Circumferential	1-LPSW-346 OFD-124B-1.2	NDE-600	UT Pipe to Pipe	CS	8.000 0.500	TBD	
C05.051.050A	1-LPSW-346-31 Circumferential	1-LPSW-346 OFD-124B-1.2	NDE-25	MT Pipe to Pipe	CS	8.000 0.500		

Total C05.051 Items: 20

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.081.003	1-MS20A-C Branch	1-MS20A	NDE-25	MT Pipe to Pipe	CS	6.000 0.432		Grinnell subassembly MS20A

Total C05.081 Items: 1

Total Category C-F-2 Items: 59

OCONEE U[illegible]UMBER 1
CLASS B (CATEGORY C-H) REQUIREMENTS
FOR OUTAGE NUMBER 20

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.002	OFDL-101A-1.2	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.006	OFDL-102A-1.1	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 36, 37 and 57
C07.030.007	OFDL-102A-1.2	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16
C07.030.011	OFDL-104A-1.2	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.040.001	OFDH-101A-1.1	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 6 and 7
C07.040.002	OFDH-101A-1.2	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.040.003	OFDH-101A-1.3	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.040.004	OFDH-101A-1.4	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 8, 9, 10, 23 and 52
C07.040.005	OFDH-101A-1.5	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.040.006	OFDH-102A-1.1	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 36, 37 and 57
C07.040.007	OFDH-102A-1.2	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16
C07.040.008	OFDH-102A-1.3	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetration 59
C07.040.009	OFDH-103A-1.1	00	HYDRO	VARIOUS	BS SYSTEM	VT-2	QAL-15	Penetrations 13 and 14
C07.040.010	OFDH-104A-1.1	00	HYDRO	VARIOUS	SF SYSTEM	VT-2	QAL-15	Penetration 56
C07.040.011	OFDH-104A-1.2	00	HYDRO	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.040.012	OFDH-106E-1.1	00	HYDRO	VARIOUS	DW SYSTEM	VT-2	QAL-15	Penetrations 46, 47 and 55
C07.040.013	OFDH-107A-1.1	00	HYDRO	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetrations 18 and 38
C07.040.014	OFDH-107A-1.2	00	HYDRO	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetration 29
C07.040.015	OFDH-107B-1.1	00	HYDRO	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 5
C07.040.016	OFDH-107D-1.2	00	HYDRO	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 40

OCONEE U[illegible]UMBER 1
CLASS B (CATEGORY [illegible]-H) REQUIREMENTS
FOR OUTAGE NUMBER 20

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.040.017	OFDH-110A-1.1	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetrations 1, 2 and 58
C07.040.018	OFDH-110A-1.3	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetration 42
C07.040.019	OFDH-110A-1.4	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	
C07.040.020	OFDH-116A-1.1	00	HYDRO	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 19 and 20
C07.040.021	OFDH-116C-1.1	00	HYDRO	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 60 and 61
C07.040.022	OFDH-121B-1.3	00	HYDRO	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 25 and 27
C07.040.023	OFDH-121B-1.5	00	HYDRO	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 4 and 43
C07.040.024	OFDH-121D-1.1	00	HYDRO	VARIOUS	EFW SYSTEM	VT-2	QAL-15	Penetrations 17 and 50
C07.040.025	OFDH-121D-1.2	00	HYDRO	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
C07.040.026	OFDH-122A-1.1	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	Penetrations 26 and 28
C07.040.027	OFDH-122A-1.2	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.040.028	OFDH-122A-1.3	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.040.029	OFDH-122A-1.4	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.040.030	OFDH-122B-1.1	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.040.031	OFDH-124B-1.2	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 30, 31, 32, 33, 34 and 35
C07.040.032	OFDH-124B-1.4	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 21 and 22
C07.040.033	OFDH-127B-1.2	00	HYDRO	VARIOUS	N SYSTEM	VT-2	QAL-15	Penetrations 39, 49 and 53
C07.040.034	OFDH-137A-1.3	00	HYDRO	VARIOUS	BA SYSTEM	VT-2	QAL-15	Penetration 48
C07.040.035	OFDH-137B-1.2	00	HYDRO	VARIOUS	IA SYSTEM	VT-2	QAL-15	Penetration 41
C07.040.036	OFDH-137E-1.1	00	HYDRO	VARIOUS	LRT SYSTEM	VT-2	QAL-15	Penetrations 45 and 51

OCONEE UNIT NUMBER 1
CLASS B (CATEGORY C-H) REQUIREMENTS
FOR OUTAGE NUMBER 20

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.040.037	OFDH-144A-1.2	00	HYDRO	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetrations 3 and 54
C07.040.038	OFDH-144A-1.3	00	HYDRO	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetration 44

OCONEE UNIT NUMBER 1
CLASS C (CATEGORY B-A) REQUIREMENTS
FOR OUTAGE NUMBER 20

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D01.012.001	OFDH-100A-1.3	00	HYDRO	VARIOUS	RC SYSTEM	VT-2	QAL-15	
D01.012.002	OFDH-101A-1.1	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.012.003	OFDH-101A-1.2	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.012.004	OFDH-101A-1.3	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.012.005	OFDH-101A-1.4	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.012.006	OFDH-101A-1.5	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.012.007	OFDH-102A-1.1	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.012.008	OFDH-102A-1.2	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.012.009	OFDH-106A-1.2	00	HYDRO	VARIOUS	CT SYSTEM	VT-2	QAL-15	
D01.012.010	OFDH-109A-1.1	00	HYDRO	VARIOUS	HP SYSTEM	VT-2	QAL-15	
D01.012.011	OFDH-110A-1.1	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	
D01.012.012	OFDH-144A-1.2	00	HYDRO	VARIOUS	CC SYSTEM	VT-2	QAL-15	
D01.012.013	OFDH-110A-1.4	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	

OCONEE UNIT NUMBER 1
CLASS C (CATEGORY D-B) REQUIREMENTS
FOR OUTAGE NUMBER 20

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.012.001	OFDH-110A-1.3	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	
D02.012.003	OFDH-121A-1.3	00	HYDRO	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.012.004	OFDH-121A-1.7	00	HYDRO	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.012.005	OFDH-121A-1.8	00	HYDRO	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.012.006	OFDH-121B-1.3	00	HYDRO	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.012.007	OFDH-121B-1.5	00	HYDRO	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.012.008	OFDH-121D-1.1	00	HYDRO	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.012.009	OFDH-121D-1.2	00	HYDRO	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.012.010	OFDH-122A-1.4	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	
D02.012.011	OFDH-124A-1.1	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.012	OFDH-124A-1.3	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.013	OFDH-124A-2.3	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.014	OFDH-124B-1.1	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.015	OFDH-124B-1.2	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.016	OFDH-124B-1.4	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.017	OFDH-124B-1.5	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.018	OFDH-124B-2.1	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.019	OFDH-124C-1.2	00	HYDRO	VARIOUS	HPSW SYSTEM	VT-2	QAL-15	
D02.012.020	OFDH-133A-1.1	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.
D02.012.021	OFDH-133A-1.2	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.

OCONEE UNIT NUMBER 1
CLASS C (CATEGORY D-B) REQUIREMENTS
FOR OUTAGE NUMBER 20

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.012.022	OFDH-133A-1.3	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.
D02.012.023	OFDH-133A-1.4	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.
D02.012.024	OFDH-133A-1.5	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.
D02.012.025	OFDH-133A-2.1	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.
D02.012.026	OFDH-133A-2.2	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of hydro test is acceptable.
D02.012.027	OFDH-133A-2.5	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of hydro test is acceptable.
D02.012.028	OFDH-133A-3.1	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of hydro test is acceptable.
D02.012.029	OFDH-133A-3.2	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of hydro test is acceptable.
D02.012.030	OFDH-133A-3.4	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of hydro test is acceptable.
D02.012.031	OFDH-137D-1.1	00	HYDRO	VARIOUS	DA SYSTEM	VT-2	QAL-15	
D02.012.032	OFDH-137D-1.2	00	HYDRO	VARIOUS	DA SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D02.020.011	1-03A-H10 Rigid restraint	1-0-439C OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.375		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.014	1-03A-H146 Rigid restraint	1-0-400A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.750		Calculaton No. OSC-343 Page 49; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.024	1-03A-H53 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-342 Page 103; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
D02.020.025	1-03A-H54 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-342 Page 104; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
D02.020.026	1-03A-H55 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-342 Page 104; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
D02.020.027	1-03A-H59 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3 FIG. 161 to Other	NA	6.000 0.125		Calculaton No. OSC-342 Page 104; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
D02.020.043	1-03A-SR19 Rigid restraint	1-0-401A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-343 Page 49; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.044	1-03A-SR30 Rigid restraint	1-0-401B OFD-121D-1.1	QAL-14	VT-3 SS to Other	NA	6.000 1.000		Calculaton No. OSC-343 Page 50; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
D02.020.050	1-03A-SR48 Rigid restraint	1-0-439B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculation No. OSC-339 page 80; Problem No. 1-03A-5. Emergency Feedwater from Pen. 50 to 24" Main Feedwater.
D02.020.051	1-03A-SR49 Rigid restraint	1-0-439B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-339 Page 81; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.055	1-03A-SR84 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-342 Page 103; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
D02.020.056	1-03A-SR85 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-342 Page 104; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
D02.020.061	1-03A-SR96 Rigid restraint	1-0-439B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.062	1-03A-SR96 Rigid restraint	1-0-437A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-339 Page 81; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.
D02.020.070	1-07A-SR17 Rigid restraint	0-400B OFD-121A-1.7	QAL-14	VT-3 SS to Other	NA	24.000 0.375		Calculaton No. OSC-361 Page 88.1; Problem No.1-07A-01 System 07A
D02.020.082	1-14B-DE063 Rigid restraint	0-436D OFD-121D-1.2 4-14-3	QAL-14	VT-3	NA	8.000 0.237		Calculation No. OSC-394, page 79; Problem No. 4-14-3, sh. 4. Auxiliary Feed water Lines from Auxiliary Sevice Water Pump
D02.020.093	1-14B-SR41 Rigid restraint	0-436D OFD-124B-1.1	QAL-14	VT-3	NA	16.000 0.280		Calculaton No. OSC-396; Problem No. 1-14-04 SHT.2 OF 3. System 14B;PAGE 77; LP SERVICE WATER DISCHARGE (2nd thickness=1.000)
D02.020.098	1-14B-SR59 Rigid restraint	0-439A OFD-124B-1.2 1-14-06	QAL-14	VT-3	NA	14.000 0.500		File OSC-1341 pg. 100. Low Pressure Service Water Suppy from Penetration 21, 30, 31 and 32 to Coolers 1A & 1B.
D02.020.103	1-57-H19 Rigid restraint	0-480A OFD-107A-1.1	QAL-14	VT-3	NA	12.000 0.500		Calculaton No. OSC-1313-06 Page 44.1; Problem No.1-57-01 Pressurizer Relief Valve System System 57

Total D02.020 Items: 19

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Mechanical and Hydraulic Snubbers ••••								
D02.030.004	1-03-R12 Hyd snubber	0-551 OFD-121B-1.3	QAL-14	VT-3	NA	24.000 1.000		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.

Total D02.030 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Spring Type Supports ••••								
D02.040.001	1-01A-H4 Spring hanger	4-0-401A OFD-122A-1.4	QAL-14	VT-3	NA	6.000 0.500		Calculation Number OSC-325 Sheet 2 of 3; Problem 1-01-06 Page 89.1. System 01A . Steam Supply to Emergency Feedwater Pump Turbine.
D02.040.005	1-03-H58 Spring hanger	0-551 OFD-121B-1.3	QAL-14	VT-3	NA	24.000 0.375		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
D02.040.006	1-03-H59 Spring hanger	0-551 OFD-121B-1.3	QAL-14	VT-3	NA	24.000 2.500		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
D02.040.014	1-08-H8 Spring hanger	1-0-400A OFD-122A-1.4	QAL-14	VT-3	NA	10.000 0.250		Calculation Number OSC-1902 Sheet 1of 2; Problem 1-08-01 Page 38. System 08 Emergency Feedwater Pump Turbine Exhaust to Condenser.

Total D02.040 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Constant Load Type Supports ••••								
D02.050.003	1-57-H21 Constant suppor	0-481A OFD-100A-1.2	QAL-14	VT-3	NA	12.000 0.250		Calculaton No. OS-1313-06 Page 44.1;Problem No.1-57-01. System 57 Pressurizer Relief Valve System

Total D02.050 Items: 1

Total Category D-B Items: 25

OCONEE UNIT NUMBER 1
CLASS C (CATEGORY B-C) REQUIREMENTS
FOR OUTAGE NUMBER 20

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D03.012.001	OFDH-104A-1.1	00	HYDRO	VARIOUS	SF SYSTEM	VT-2	QAL-15	
D03.012.002	OFDH-104A-1.2	00	HYDRO	VARIOUS	SF SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Spring Type Supports ••••								
D03.040.001	1-56-H16 Spring hanger	5-0-437B OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OSC-1359-02 Page 28 ; Problem No.4-56-07 Spent Fuel Cooling (Suction Side) System 56 (Fig. 162 Size 8)
D03.040.002	1-56-H19 Spring hanger	5-0-437B OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OSC-1359-02 Page 28 ; Problem No.4-56-07 Spent Fuel Cooling (Suction Side) System 56 (Fig.162 Size 8)

Total D03.040 Items: 2

Total Category D-C Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.002	1-51A-H15B Rigid restraint	0-479A OFD-101A-1.4 1-51-26	QAL-14	VT-3	NA .	2.500 0.000		Calculation No. OSC-1304-06, page 6(1)32.3; Problem No. 1-15-26. High Pressure Injection.
F01.010.003	1-51A-H2B Rigid restraint	0-479A OFD-101A-1.4 1-51-26	QAL-14	VT-3	NA .	2.500 0.000		Calculation No. OSC-1304-06, page 6(1)32.2; Problem No. 1-15-26. High Pressure Injection.
Total F01.010 Items:	**2**							
F01.011.003	1-51A-H6A Rigid support	0-479A OFD-101A-1.4 1-51-15	QAL-14	VT-3	NA .	2.500 0.000		Calculation No. OSC-1304-06, page 61; Problem No. 1-51-15. High Pressure Injection.
F01.011.007	1-53A-H5A Rigid support	0-478A OFD-102A-1.3	QAL-14	VT-3	NA	10.000 0.500		Calculaton No. OSC-1300 Problem No.1-53-09;Sht.1 of 4 System 53A Low Pressure Inj. System West Iso.
Total F01.011 Items:	**2**							
F01.012.004	1-51A-H13B Spring hanger	0-479A OFD-101A-1.4 1-51-26	QAL-14	VT-3	NA .	2.500 0.000		Calculation No. OSC-1304-06, page 6(1)32.3; Problem No. 1-15-26. High Pressure Injection.
Total F01.012 Items:	**1**							

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.001	1-01A-H13 Rigid restraint	0-550 OFD-122A-1.1	QAL-14	VT-3	NA	34.000 0.750		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.1 OF 3; System 01A;PAGE# 131.1; MAIN STEAM PIPING
F01.020.005	1-03-H6B Rigid restraint	0-480A OFD-121B-1.3	QAL-14	VT-3	NA	14.000 0.500		Calculation No. OSC-1297-06 ; Problem No. 1-03-05 . System 03 Steam Generator 1B .
F01.020.007	1-14-H22C Rigid restraint	0-480A OFD-124B-1.2 1-14-16	QAL-14	VT-3	NA	8.000 0.000		Problem No;1-14-16 Sht.0-492A-4 Low Pressure Service Water Emergency Cooler 1C Inlet
F01.020.010	1-14-H76 Rigid restraint	0-480A OFD-124B-1.3 1-14-15	QAL-14	VT-3 ss to Other	NA	8.000 0.000		Calculation No. OSC-1409, Problem 1-14-15 sh. 2. Low Pressure Service Water
F01.020.025	1-53B-DE044 Rigid restraint	0-435B OFD-102A-1.2	QAL-14	VT-3	NA	10.000 0.000		Calculation Number OS-406 Sheet 1 of 1; Problem No. 1-53-03 Page 71. System 53B Decay Heat Pump 1B and 1C to Decay Heat Cooler 1B .
F01.020.029	1-53B-H26 Rigid restraint	3-0-438C OFD-102A-1.1	QAL-14	VT-3	NA	12.000 0.000		Calculaton No. OS-404; Problem No. 1-53-04;SHT.1 OF 1; PAGE#39; SYSTEM 53B; DECAY HEAT REMOVAL SYS & LP INJECTION
F01.020.031	1-53B-H50 Rigid restraint	5-0-439B OFD-102A-1.2	QAL-14	VT-3 Sway Strut to Other	NA	10.000 0.000		Calculation Number OS-408 Sheet 2 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
F01.020.040	1-54A-H6 Rigid restraint	3-0-439C OFD-103A-1.1	QAL-14	VT-3 Sway Strut to Other	NA	8.000 0.000		Calculaton No. OS-417 Page 44.1 Problem No. 1-54-04 Sheet 1 of 1. System 54A Auxiliary Building.

Total F01.020 Items: 8

F01.021.001	1-03-H11B Rigid restraint	0-481A OFD-121B-1.3	QAL-14	VT-3	SS	10.000 0.500		Calculation No. OSC-1297-06 ; Problem No. 1-03-05 . System 03 Steam Generator 1B .

Class 2 Weld Connections to Building Structure

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.021.003	1-14-H12 Rigid restraint	0-479A OFD-124B-1.2 1-14-17	QAL-14	VT-3	NA	6.000 0.216		Problem No;1-14-17 Sht. 0-492A-5 Low Pressure Service Water Emergency Cooler 1A Outlet
F01.021.004	1-14-H17 Rigid restraint	0-479A OFD-124B-1.2 1-14-14	QAL-14	VT-3	NA	8.000 0.000		File OSC-1407 Sh 16. Low Pressure Service Water from Penetration 32 to Cooler1B. Problem No.1-14-14
F01.021.011	1-51A-DE006 Rigid support	0-435C OFD-101A-1.3	QAL-14	VT-3	NA	4.000 0.000		Calculaton No. OSC-1537 Page 56.1; Problem No. 1-51-5 . System 51

Total F01.021 Items: 4

F01.022.001	1-01A-DE005 Hyd snubber	0-550 OFD-122A-1.1	QAL-14	VT-3	NA	34.000 0.000		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.1 OF 3; System 01A;PAGE# 131.1; MAIN STEAM PIPING
F01.022.007	1-03-H15B Spring hanger	0-481A OFD-121B-1.3	QAL-14	VT-3	NA	10.000 1.500		Calculation No. OSC-1297-06 ; Problem No. 1-03-05 . System 03 Steam Generator 1B .
F01.022.010	1-03A-H71 Spring hanger	1-0-437A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-339 Page 81; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.
F01.022.020	1-53B-H64 Spring hanger	4-0-444 OFD-102A-1.1	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OS-406; Problem No. 1-53-03;SHT.1 OF 1 PAGE#71; SYSTEM 53B; DECAY HEAT PUMP 1B & 1C TO DECAY HT COOLER 1B

Total F01.022 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.001	1-01A-DE002 Rigid restraint	0-403C OFD-122A-1.4	QAL-14	VT-3 Sway Strut to Other	NA	6.000 0.000		Calculation Number OSC-325 Sheet 2 of 3; Problem 1-01-06 Page 89.1. System 01A . Steam Supply to Emergency Feedwater Pump Turbine.
F01.030.005	1-03A-DE048 Rigid restraint	0-401B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-343 Page 50; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
F01.030.006	1-03A-H10 Rigid restraint	1-0-439C OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.375		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
F01.030.009	1-03A-H15 Rigid restraint	1-0-439B OFD-121D-1.1	QAL-14	VT-3 SS to Other	NA	6.000 0.000		Calculaton No. OSC-339 Page 81; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.
F01.030.015	1-03A-SR30 Rigid restraint	1-0-401B OFD-121D-1.1	QAL-14	VT-3 SS to Other	NA	6.000 1.000		Calculaton No. OSC-343 Page 50; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
F01.030.016	1-03A-SR84 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-342 Page 103; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
F01.030.018	1-07A-DE010 Rigid restraint	0-400B OFD-121A-1.8	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-362 Page 55; Problem No.1-07A-2 L.P.& H.P.Condensate System 07A
F01.030.019	1-07A-DE058 Rigid restraint	0-400B OFD-121A-1.8	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-362 Page 56; Problem No.1-07A-2 L.P.& H.P.Condensate System 07A

Total F01.030 Items: 8

F01.031.001	1-01A-DE003 Rigid restraint	0-403C OFD-122A-1.4	QAL-14	VT-3 Sway Strut to Other	NA	6.000 0.000		Calculation Number OSC-325 Sheet 2 of 3; Problem 1-01-06 Page 89.1. System 01A . Steam Supply to Emergency Feedwater Pump Turbine.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.031.014	1-56-SR11 Rigid restraint	0-438C OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56
F01.031.015	1-57-H19 Rigid restraint	0-480A OFD-107A-1.1	QAL-14	VT-3	NA	12.000 0.500		Calculaton No. OSC-1313-06 Page 44.1; Problem No.1-57-01 Pressurizer Relief Valve System System 57

Total F01.031 Items: 3

F01.032.008	1-08-H8 Spring hanger	1-0-400A OFD-122A-1.4	QAL-14	VT-3	NA	10.000 0.250		Calculation Number OSC-1902 Sheet 1of 2; Problem 1-08-01 Page 38. System 08 Emergency Feedwater Pump Turbine Exhaust to Condenser.
F01.032.010	1-56-H16 Spring hanger	5-0-437B OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OSC-1359-02 Page 28 ; Problem No.4-56-07 Spent Fuel Cooling (Suction Side) System 56 (Fig. 162 Size 8)
F01.032.011	1-57-H21 Constant support	0-481A OFD-100A-1.2	QAL-14	VT-3	NA	12.000 0.250		Calculaton No. OS-1313-06 Page 44.1;Problem No.1-57-01. System 57 Pressurizer Relief Valve System

Total F01.032 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.040.001	1-RPV-WR36	ISI-OCN1-001	QAL-14	VT-3	NA	0.000 0.000		Reactor Vessel Support Skirt
F01.040.002	1-SGA-SKIRT	ISI-OCN1-003	QAL-14	VT-3	NA	0.000 0.000		Steam Generator Support Skirt 1A.
F01.040.007	1-HPI-A-SUPPORT	OM-201-1704 OFD-101A-1.3	QAL-14	VT-3	NA	0.000 0.000		Support For HPI Pump 1A

Total F01.040 Items: 3

Total Category F-A Items: 38

Reactor Coolant Pump Flywheel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G01.001.001A Circumferential	1-RCP-1A1	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1A1 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.002A Circumferential	1-RCP-1A2	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1A2 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.003A Circumferential	1-RCP-1B1	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1B1 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.004A Circumferential	1-RCP-1B2	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1B2 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.

Total G01.001 Items: 4

Total Category AUG Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G04.001.005	1-51A-10-1 Circumferential	1-51A-10 OFD-101A-1.4	NDE-600	UT Valve (1HP-152) to Elbow	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.006	1-51A-10-2 Circumferential	1-51A-10 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.007	1-51A-10-6 Circumferential	1-51A-10 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.010	1-51A-5-81C Circumferential	1-51A-5	NDE-600	UT Pipe to Elbow	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.011	1-51A-5-79C Circumferential	1-51A-5	NDE-600	UT Pipe to Elbow	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.012	1-51A-5-77C Circumferential	1-51A-5	NDE-600	UT Pipe to Elbow	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.

Total G04.001 Items: 6

Total Category AUG Items: 6

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G06.001.001	1-03A-11-157D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.002	1-03A-11-2VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle (Flange nozzle) to Pipe (Feedwater Ring Header)	CS	4.000 0.938		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.003	1-03A-11-156D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.004	1-03A-11-3VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle (Flange nozzle) to Pipe (Feedwater Ring Header)	CS	4.000 0.938		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.005	1-03A-11-155D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.006	1-03A-11-4VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle (Flange nozzle) to Pipe (Feedwater Ring Header)	CS	4.000 0.938		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.007	1-03A-11-154D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.008	1-03A-11-153D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.009	1-03A-11-152D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.010	1-03A-11-151D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.

Auxiliary Feedwater Header B&W Safety Concern
21-82 Water Hammer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G06.001.011	1-03A-11-165D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.012	1-03A-11-164D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.013	1-03A-11-163D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.014	1-03A-11-162D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.

Total G06.001 Items: 14

Total Category AUG Items: 14

Longitudinal Pipe Welds With A Nom. Wall Thickness < 3/8" and > NPS 4"

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G07.001.001	1-53B-01-B12L Longitudinal	1-53B-01(1)	NDE-600	UT Pipe to Pipe	SS	14.000 0.250		Long seam for 1-53B-01-B12. Weld was previously listed as 1-53B-1.1-B12L.
G07.001.001A	1-53B-01-B12L Longitudinal	1-53B-01(1)	NDE-35	PT Pipe to Pipe	SS	14.000 0.250		Long seam for 1-53B-01-B12. Weld was previously listed as 1-53B-1.1-B12L.
G07.001.002	1-53B-02-A31L Longitudinal	1-53B-02(2)	NDE-600	UT Pipe to Pipe	SS	14.000 0.250		Long seam for 1-53B-02-A31. Weld was previously listed as 1-53B-2.2-A31L.
G07.001.002A	1-53B-02-A31L Longitudinal	1-53B-02(2)	NDE-35	PT Pipe to Pipe	SS	14.000 0.250		Long seam for 1-53B-02-A31. Weld was previously listed as 1-53B-2.2-A31L.
G07.001.003	1-54A-03-02CL Longitudinal	1-54A-03(1)	NDE-600	UT Pipe to Pipe	SS	8.000 0.250		Long seam for 1-54A-03-02C. Weld was previously listed as 1-54A-3.1-2CL.
G07.001.003A	1-54A-03-02CL Longitudinal	1-54A-03(1)	NDE-35	PT Pipe to Pipe	SS	8.000 0.250		Long seam for 1-54A-03-02C. Weld was previously listed as 1-54A-3.1-2CL.

Total G07.001 Items: 6

Total Category AUG Items: 6

CATEGORY AUG, Augmented Inspections

Circumferential Pipe Welds With A Nom. Wall Thk. < 3/8" and > NPS 4"

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G09.001.005	1-53B-01-B31 Circumferential	1-53B-01(1) OFD-102A-1.1	NDE-35	PT	SS	14.000 0.250		
				Pipe to Elbow				
G09.001.011	1-53B-03-1E Circumferential Term end	1-53B-03(2) OFD-102A-1.2	NDE-35	PT	SS	8.000 0.148		
				Flange (LPI pump 1B disch) to Reducer				
G09.001.017	1-53B-06-21KJ Circumferential	1-53B-06(1) OFD-102A-1.1	NDE-35	PT	SS	8.000 0.148		
				Pipe to Elbow				
G09.001.023	1-53B-10-B60 Circumferential	1-53B-10 OFD-102A-1.1	NDE-35	PT	SS	12.000 0.180		
				Elbow to Pipe				
G09.001.029	1-54B-01-215 Circumferential	1-54B-01(1) OFD-103A-1.1	NDE-35	PT	SS	8.000 0.250		
				Pipe to Valve (1BS-14)				
G09.001.035	1-54A-03-3B Circumferential	1-54A-03(2) OFD-103A-1.1	NDE-35	PT	SS	8.000 0.250		
				Pipe to Valve (1BS-16)				
G09.001.041	1-54A-04-58C Circumferential	1-54A-04(2) OFD-103A-1.1	NDE-35	PT	SS	8.000 0.250		
				Elbow to Valve (1BS-13)				
G09.001.047	1-56-25-3 Circumferential	1-56-25 OFD-104A-1.1	NDE-35	PT	SS	8.000 0.148		
				Pipe to Elbow				

Total G09.001 Items: 8

Total Category AUG Items: 8

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential ••••								
B01.011.001	1-RPV-WR17 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Rx Head Nozzle Belt) to RV Shell	CS	171.000 9.500	50304	Reactor Vessel Nozzle Belt Lower Course Pc. 9 to Upper Shell Lower Course Pc. 10.
B01.011.002	1-RPV-WR1A Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT RV Shell to RV Shell	CS	171.000 9.500	50304	Reactor Vessel Upper Shell Lower Course Pc. 10 to Lower Shell Upper Course Pc. A1.
B01.011.003	1-RPV-WR1 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT RV Shell to RV Shell	CS	171.000 9.500	50304	Reactor Vessel Lower Shell Course Pc. A2 to Lower Shell Upper Course Pc. A1.
B01.011.004	1-RPV-WR18 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Rx Noz. Belt Lwr Course) to RV Noz. Belt Lwr Course	CS	168.000 12.000	50304	Reactor Vessel Nozzle Belt Upper Course Pc. 8 to Nozzle Belt Lower Course Pc. 9.
Total B01.011 Items:	**4**							
•••• Longitudinal ••••								
B01.012.001	1-RPV-A2-WR2 Longitudinal	ISI OCN1-001 OM-201-1877	ISI 138	UT RV Shell to RV Shell	CS	0.000 9.500	50304	Reactor Vessel Lower Shell Lower Course Pc. A2 at X-Y Quadrant.
B01.012.002	1-RPV-A2-WR2A Longitudinal	ISI OCN1-001 OM-201-1877	ISI-138	UT RV Shell to RV Shell	CS	0.000 9.500	50304	Reactor Vessel Lower Shell Lower Course Pc. A2 at Z-W Quadrant.
B01.012.003	1-RPV-A1-WR2 Longitudinal	ISI OCN1-001 OM-201-1877	ISI-138	UT RV Shell to RV Shell	CS	0.000 9.500	50304	Reactor Vessel Lower Shell Upper Course Pc. A1 at X-Y Quadrant.
B01.012.004	1-RPV-A1-WR2A Longitudinal	ISI OCN1-001 OM-201-1877	ISI-138	UT RV Shell to RV Shell	CS	0.000 9.500	50304	Reactor Vessel Lower Shell Upper Course Pc. A1 at Z-W Quadrant.
B01.012.005	1-RPV-A10-WR2 Longitudinal	ISI OCN1-001 OM-201-1877	ISI-138	UT RV Shell to RV Shell	CS	0.000 9.500	50304	Reactor Vessel Upper Shell Lower Course Pc. 10 at X-Y Quadrant.

CATEGORY B-A, Pressure Retaining Welds in Reactor Vessel

Shell Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B01.012.006	1-RPV-A10-WR2A Longitudinal	ISI OCN1-001 OM-201-1877	ISI-138	UT RV Shell to RV Shell	CS	0.000 9.500	50304	Reactor Vessel Upper Shell Lower Course Pc. 10 at Z-W Quadrant.

Total B01.012 Items: 6

CATEGORY B-A, Pressure Retaining Welds in Reactor Vessel

[redacted] Head Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential ••••								
B01.021.002	1-RPV-WR34 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Rx Vsl Lwr Shell Course to RV Lwr Head Ring Section	CS	170.000 5.500	50304	Reactor Vessel Lower Head Ring Section Pc. 36 to Lower Shell Lower Course Pc. A2.
B01.021.003	1-RPV-WR35 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT RV Lower head Cap Sect. to RV Lower Head	CS	143.000 5.375	50304	Reactor Vessel Lower Head Cap Section Pc. 6 to Lower Head Ring Section Pc. 36.

Total B01.021 Items: 2

CATEGORY B-A, Pressure Retaining Welds in Reactor Vessel

Shell-to-Flange Weld

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B01.030.001	1-RPV-WR19 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Rx Head Flange to RV Nozzle belt	CS	171.000 12.000	50304	Reactor Vessel Flange Pc. 7 to Nozzle Belt Upper Course Pc. 8. UT from Vessel wall. (ARIS)

Total B01.030 Items: 1

Total Category B-A Items: 13

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Shell-to-Head Welds; Circumferential ••••								
B02.011.003	1-PZR-WP4 Circumferential	ISI OCN1-002 OM-201-1878	NDE-620 NDE-640	UT Pzr (03) to 04/41	CS	84.000 6.188	40338	Lower shell to heater belt shell (inspect in the third interval during the first,second and third periods per IWB 2420(B).)

Total B02.011 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Head Welds; Circumferential ••••								
B02.051.001	1-LDCA-IN-11 Circumferential	1-44773-4 OM-201-3107 OFD-101A-1.1	NDE-630	UT Channel Body to End Plate	SS	8.620 0.875	40411	LDC-A Inlet Channel Body Pc. 02 to End Plate Pc. EH-454-1-9.
B02.051.002	1-LDCA-OUT-12 Circumferential	1-44773-4 OM-201-3107 OFD-101A-1.1	NDE-630	UT Channel Body to End Plate	SS	8.620 0.875	40411	LDC-A Outlet Channel Body Pc. 02 to End Plate Pc. EH-454-1-5.

Total B02.051 Items: 2

Total Category B-B Items: 3

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Reactor Vessel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.090.001	1-RPV-WR13 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Rx Head Nozzle) to Rx Nozzle belt	CS	60.000 12.000	40390	X- Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. UT From Vessel ID.

Total B03.090 Items: 1

Total Category B-D Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
307.090.001A	1-RPV-WR13 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Rx Head Nozzle) to Rx Nozzle belt	CS	60.000 12.000	50304	X-Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. UT From Nozzle ID. Note:For inspection in outage 1 see request for relief 91-02

Total 307.090 Items: 1

Total Category Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.090.002	1-RPV-WR13A Circumferential	ISI OCN1-001 OM -201-1877	ISI-138	UT Nozzle (RX Head Nozzle) to RX Nozzle Belt	CS	60.000 12.000	40390	Z- Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. UT From Vessel ID.
B03.090.002A	1-RPV-WR13A Circumferential	ISI OCN1-001 OM -201-1877	ISI-138	UT Nozzle (RX Head Nozzle) to RX Nozzle Belt	CS	60.000 12.000	50304	Z- Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. UT From Nozzle ID. Note:For inspection in outage 1 see request for relief 91-02
B03.090.003	1-RPV-WR12 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (RX Nozzle) to RX Nozzle belt	CS	48.000 12.000	40390	W-X Inlet Nozzle to Vessel Pc. 18 to Pc. 08 & 09. UT From Vessel ID.
B03.090.003A	1-RPV-WR12 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (RX Nozzle) to RX Nozzle belt	CS	48.000 12.000	50304	W-X Inlet Nozzle to Vessel Pc. 18 to Pc. 08 & 09. UT From Nozzle ID.
B03.090.004	1-RPV-WR12A Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Rx Head Nozzle) to Rx Nozzle belt	CS	48.000 12.000	40390	X-Y Inlet Nozzle to Vessel Pc. 18 to Pc. 08 & 09. UT From Vessel ID.
B03.090.004A	1-RPV-WR12A Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Rx Head Nozzle) to Rx Nozzle belt	CS	48.000 12.000	50304	X-Y Inlet Nozzle to Vessel Pc. 18 to Pc. 08 & 09. UT From Nozzle ID.
B03.090.005	1-RPV-WR12B Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Rx Head Nozzle) to Rx Head Nozzle belt	CS	48.000 12.000	40390	Y-Z Inlet Nozzle to Vessel Pc. 18 to Pc. 08 & 09. UT From Vessel ID.
B03.090.005A	1-RPV-WR12B Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Rx Head Nozzle) to Rx Head Nozzle belt	CS	48.000 12.000	50304	Y-Z Inlet Nozzle to Vessel Pc. 18 to Pc. 08 & 09. UT From Nozzle ID.
B03.090.006	1-RPV-WR12C Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Rx Head Nozzle) to Rx Nozzle belt	CS	48.000 12.000	40390	Z-W Inlet Nozzle to Vessel Pc. 18 to Pc. 08 & 09. UT From Vessel ID.
B03.090.006A	1-RPV-WR12C Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Rx Head Nozzle) to Rx Nozzle belt	CS	48.000 12.000	50304	Z-W Inlet Nozzle to Vessel Pc. 18 to Pc. 08 & 09. UT. From Nozzle ID.

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Reactor Vessel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B03.090.007	1-RPV-WR54 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Core flood nozzle) to Nozzle belt	CS	25.000 12.000	40390	W-Axis Nozzle to Vessel Pc. 17 to Pc. 08. UT From Vessel ID.
B03.090.007A	1-RPV-WR54 Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Core flood nozzle) to Nozzle belt	CS	25.000 12.000	40390	W-Axis Nozzle to Vessel Pc. 17 to Pc. 08. UT From Nozzle ID.
B03.090.008	1-RPV-WR54A Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Core flood nozzle) to Nozzle belt	CS	25.000 12.000	40390	Y-Axis Nozzle to Vessel Pc. 17 to Pc. 08. UT From Vessel ID.
B03.090.008A	1-RPV-WR54A Circumferential	ISI OCN1-001 OM-201-1877	ISI-138	UT Nozzle (Core flood nozzle) to Nozzle belt	CS	25.000 12.000	40390	Y-Axis Nozzle to Vessel Pc. 17 to Pc. 08. UT From Nozzle ID.

Total B03.090 Items: 14

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.100.001	1-RPV-WR13	ISI OCN1-001 OM-201-1877	ISI-138	UT	CS	60.000 12.000	50304	X-Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. (Inside Radius Section) Note:For inspection in outage 1 see request for relief 91-02
				Nozzle (RX Head Nozzle) to RX Nozzle Belt				
B03.100.002	1-RPV-WR13A	ISI OCN1-001 OM-201-1877	ISI-138	UT	CS	60.000 12.000	50304	Z-Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. (Inside Radius Section). Note:For inspection in outage 1 see request for relief 91-02
				Nozzle (RX Head Nozzle) to RX Nozzle Belt				
B03.100.003	1-RPV-WR12	ISI OCN1-001 OM-201-1877	ISI-138	UT	CS	48.000 12.000	50304	W-X Inlet Nozzle Pc. 18 to Pc. 08 & 09. (Inside Radius Section).
				Nozzle (RX Head Nozzle) to RX Nozzle Belt				
B03.100.004	1-RPV-WR12A	ISI OCN1-001 OM-201-1877	ISI-138	UT	CS	48.000 12.000	50304	X-Y Inlet Nozzle Pc. 18 to Pc. 08 & 09. (Inside Radius Section)
				Nozzle (RX Head Nozzle) to RX Nozzle Belt				
B03.100.005	1-RPV-WR12B	ISI OCN1-001 OM-201-1877	ISI-138	UT	CS	60.000 12.000	50304	Y-Z Inlet Nozzle Pc. 18 to Pc. 08 & 09. (Inside Radius Section)
				Nozzle (RX Head Nozzle) to RX Nozzle Belt				
B03.100.006	1-RPV-WR12C	ISI OCN1-001 OM-201-1877	ISI-138	UT	CS	60.000 12.000	50304	Z-W Inlet Nozzle Pc. 18 to Pc. 08 & 09. (Inside Radius Section).
				Nozzle (RX Head Nozzle) to RX Nozzle Belt				
B03.100.007	1-RPV-WR54	ISI OCN1-001 OM-201-1877	ISI-138	UT	CS	25.000 12.000	40390	Core Flood Nozzle W-Axis Pc. 17 to Pc. 08. (Inside Radius Section).
				Nozzle (Core Fld. Nozzle) to (Nozzle Belt)				
B03.100.008	1-RPV-WR54A	ISI OCN1-001 OM-201-1877	ISI-138	UT	CS	25.000 12.000	40390	Core Flood Nozzle Y-Axis Pc. 17 to Pc. 08. (Inside Radius Section).
				Nozzle (Core Fld. Nozzle) to (Nozzle Belt)				

Total B03.100 Items: 8

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle-to-Vessel Welds ••••								
B03.150.003	1-LDCB-IN-V1 Circumferential	ISO-1-53755 OM-201-3107 OFD-101A-1.1	NDE-620 NDE-640	UT Nozzle (Inlet Nozzle) to Channel Body	SS	3.000 0.875	TBD	LDC-B Tubeside Inlet Nozzle Pc. 05 to Channel Body Pc. 03.
B03.150.004	1-LDCB-OUT-V2 Circumferential	ISO-1-53755 OM-201-3107 OFD-101A-1.1	NDE-620 NDE-640	UT Nozzle (Outlet Nozzle) to Channel Body	SS	3.000 0.875	TBD	LDC-B Tubeside Outlet Nozzle Pc. 05 to Channel Body Pc. 03.

Total B03.150 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Nozzle Inside Radius Section ••••								
B03.160.003	1-LDCB-IN-V1	ISO-1-53755 OM-201-3107 OFD-101A-1.1	NDE-680	UT Inlet Nozzle to Channel Body	SS	3.000 0.875	TBD	LDC-B Tubeside Inlet Nozzle Pc. 05 to Channel Body Pc. 03. (Inside Radius Section).
B03.160.004	1-LDCB-OUT-V2	ISO-1-53755 OM-201-3107 OFD-101A-1.1	NDE-680	UT Outlet Nozzle to Channel Body	SS	3.000 0.875	TBD	LDC-B Tubeside Outlet Nozzle Pc. 05 to Channel Body Pc. 03. (Inside Radius Section).

Total B03.160 Items: 2

Total Category B-D Items: 26

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or larger; Nozzle-to-Safe End Butt Welds ••••								
B05.010.001A	1-RPV-WR53	ISI OCN1-001	NDE-610	UT	SS/CS	15.625	40388	A-Side Core Flood Nozzle Safe-End Pc. 89 to Core Flood
	Circumferential	OM-201-092	ISI-138			1.688		Nozzle Pc. 17 W-Axis. UT from Nozzle Side.
				Nozzle (Core Flood) to Core Flood Noz.Safe-End				
B05.010.001B	1-RPV-WR53	ISI OCN1-001	NDE-610	UT	SS/CS	15.625	40389	A-Side Core Flood Nozzle Safe-End Pc. 89 to Core Flood
	Circumferential	OM-201-092	ISI-138			1.688		Nozzle Pc. 17 W-Axis. UT from Safe End Side.
				Nozzle (Core Flood) to Core Flood Noz.Safe-End				
B05.010.002A	1-RPV-WR53A	ISI OCN1-001	NDE-610	UT	SS/CS	15.625	40388	B-Side Core Flood Nozzle Safe-End Pc. 89 to Core Flood
	Circumferential	OM-201-092	ISI-138			1.688		Nozzle Pc. 17 Y-Axis. UT from Nozzle Side.
				Nozzle (Core Flood) to Core Flood Noz.Safe-End				
B05.010.002B	1-RPV-WR53A	ISI OCN1-001	NDE-610	UT	SS/CS	15.625	40389	B-Side Core Flood Nozzle Safe-End Pc. 89 to Core Flood
	Circumferential	OM-201-092	ISI-138			1.688		Nozzle Pc. 17 Y-Axis. UT from Nozzle Side.
				Nozzle (Core Flood) to Core Flood Noz.Safe-End				

Total B05.010 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger; Dissimilar Metal Butt Welds ••••								
B05.130.010	1-PHB-17 Circumferential	ISI OCN1-006 OM-201-603	NDE-610	UT	CS/Inconel	12.750 1.125	40414	Examine from the nozzle side.
				Buttering to Nozzle (Decay Heat Nozzle)				
B05.130.010A	1-PHB-17 Circumferential	ISI OCN1-006 OM-201-603	NDE-610	UT	CS/Inconel	12.750 1.125	40413	Examine from the pipe side
				Buttering to Nozzle (Decay Heat Nozzle)				
B05.130.010B	1-PHB-17 Circumferential	ISI OCN1-006 OM-201-603	NDE-35	PT	CS/Inconel	12.750 1.125		
				Buttering to Nozzle (Decay Heat Nozzle)				
B05.130.012	1-PHA-17 Circumferential	ISI OCN1-005	NDE-610	UT	SS/Inconel	10.750 1.000	TBD	Examine with B05.130.009 from the nozzle side.
				Buttering to Nozzle (Surge Nozzle)				
B05.130.012A	1-PHA-17 Circumferential	ISI OCN1-005	NDE-610	UT	SS/Inconel	10.750 1.000	TBD	Examine with B05.130.009A from the pipe side.
				Buttering to Nozzle (Surge Nozzle)				
B05.130.012B	1-PHA-17 Circumferential	ISI OCN1-005	NDE-35	PT	SS/Inconel	10.750 1.000		Examine with B05.130.009B
				Buttering to Nozzle (Surge Nozzle)				

Total B05.130 Items: 6

Total Category B-F Items: 10

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Threads In Flange ••••								
B06.040.001A	1-RPV-LIGAMENTS	OM-201-1007	NDE-640	UT	CS	200.000 12.500	40387	Reactor Vessel Flange Threads - 180-360 Degrees.

Total B06.040 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Flange Surface, when connection disassembled ••••								
B06.070.001	1-PZR-MW-FLANGE	OM-201-1026	QAL-13	VT-1	CS	28.000 0.000		Pressurizer Manway Flange Surface. Includes 1" Annular Surface Surrounding Each Stud. Inspect when connection disassembled.

Total B06.070 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts and Studs ••••								
B06.180.004	1-RCP-1B2-F	OM-201D-34	NDE-942	UT	CS	4.320 28.000	TBD	Reactor Coolant Pump 1B2 Main Flange Bolts Pc. 19. All bolt surfaces examined. Total 24 Bolts.

Total B06.180 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Flange Surface, when connection dissassembled ••••								
B06.190.001	1-RCP-1A1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.002	1-RCP-1A2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1A2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.003	1-RCP-1B1-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B1 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)
B06.190.004	1-RCP-1B2-FLANGE	OM-201D-34 OM-201D-35A	QAL-13	VT-1	SS	77.000 0.000		Reactor Coolant Pump 1B2 Main Flange. 1" annular surface of flange surrounding each stud.(Inspect Only If Disassembled.)

Total B06.190 Items: 4

Total Category B-G-1 Items: 7

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.070.015	1-50-LP131-BOLTS	OM-245-1085 OFD-100A-1.2	QAL-13	VT-1	NA	0.000 0.000		High Pressure Injection Valve 1HP-126 Bolting (Total 8 Studs- Part No. 200, 8 Nuts - Part No. 230).

Total B07.070 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Bolts, Studs, and Nuts ••••								
B07.080.001	1-RPV-CRD-BOLTS	OM-201-2248 DPS 706599-1056 B&W152006E	QAL-13	VT-1	CS	1.250 0.000		CRD Housing Bolts (Total 8 Bolts) 2 Connections inspected to date; CRD # 38, # 59.(Inspect only if Disassembled)
B07.080.002	1-RPV-CRD-RINGS	OM-201-2248 DPS 706599-1056 B&W152006E	QAL-13	VT-1	CS	11.500 1.250		CRD Housing Rings ; 1 Pair per CRD Housing. 2 Connections inspected to date ; CRD # 38, #59.(Inspect only if Disassembled)

Total B07.080 Items: 2

Total Category B-G-2 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.011.114	1-PSL-2 Circumferential Stress weld	ISI OCN1-015	NDE-600	UT Elbow (90°) to Pipe	SS 140	10.750 1.000	40399	
B09.011.114A	1-PSL-2 Circumferential Stress weld	ISI OCN1-015	NDE-35	PT Elbow (90°) to Pipe	SS 140	10.750 1.000		
B09.011.115	1-PSL-3 Circumferential Stress weld	ISI OCN1-015	NDE-600	UT Elbow (90°) to Pipe	SS 140	10.750 1.000	40399	
B09.011.115A	1-PSL-3 Circumferential Stress weld	ISI OCN1-015	NDE-35	PT Elbow (90°) to Pipe	SS 140	10.750 1.000		
B09.011.116	1-PSL-4 Circumferential Stress weld	ISI OCN1-015	NDE-600	UT Elbow (90°) to Pipe	SS 140	10.750 1.000	40399	
B09.011.116A	1-PSL-4 Circumferential Stress weld	ISI OCN1-015	NDE-35	PT Elbow (90°) to Pipe	SS 140	10.750 1.000		
B09.011.117	1-PSL-6 Circumferential Stress weld	ISI OCN1-015	NDE-600	UT Elbow (90°) to Pipe	SS 140	10.750 1.000	40399	
B09.011.117A	1-PSL-6 Circumferential Stress weld	ISI OCN1-015	NDE-35	PT Elbow (90°) to Pipe	SS 140	10.750 1.000		
B09.011.118	1-PSL-5 Circumferential Stress weld	ISI OCN1-015	NDE-600	UT Pipe to Pipe	SS 140	10.750 1.000	40399	
B09.011.118A	1-PSL-5 Circumferential Stress weld	ISI OCN1-015	NDE-35	PT Pipe to Pipe	SS 140	10.750 1.000		

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS

Total B09.011 Items: 10

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Welds ••••								
B09.021.046	1-51A-10-21 Circumferential	1-51A-10 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.047	1-51A-10-17 Circumferential	1-51A-10 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.048	1-51A-10-10 Circumferential	1-51A-10 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		
B09.021.049	1-51A-10-7 Circumferential	1-51A-10 OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.375		
B09.021.050	1-51A-10-6 Circumferential	1-51A-10 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		
B09.021.051	1-51A-10-2 Circumferential	1-51A-10 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	2.500 0.375		
B09.021.064	1-51A-135-10B Circumferential Term end	1-51A-135 OFD-101A-1.1	NDE-35	PT Reducer (Letdown clr 1B) to Tee	SS	3.000 0.438		

Total B09.021 Items: 7

CATEGORY B-J, Pressure Retaining Welds In Piping

Branch Pipe Connection Welds

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• NPS 4 or Larger ••••								
B09.031.002 Branch	1-PHB-16	ISI OCN1-006 B&W 131918E6	NDE-600	UT	CS	25.000 2.875	40350	
				Pipe to Nozzle (Decay Heat nozzle)				
B09.031.002A Branch	1-PHB-16	ISI OCN1-006 B&W 131918E6	NDE-25	MT	CS	25.000 2.875		
				Pipe to Nozzle (Decay Heat nozzle)				

Total B09.031 Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.040.002	1-50-127-19 Socket	1-50-127	NDE-35	PT Elbow to Pipe	SS 160	1.500 0.281		Auxiliary Pressurizer Spray Line
B09.040.003	1-50-127-16B Socket	1-50-127	NDE-35	PT Pipe to Full coupling	SS 160	1.500 0.281		Auxiliary Pressurizer Spray Line
B09.040.005	1-50-127-23 Circumferential	1-50-127	NDE-35	PT Pipe to Tee (1.5 x 1)	SS 160	1.500 0.281		Auxiliary Pressurizer Spray Line
B09.040.010	1-50-127-12 Socket	1-50-127	NDE-35	PT Pipe to Elbow	SS 160	1.500 0.281		Auxiliary Pressurizer Spray Line

Total B09.040 Items: 4

Total Category B-J Items: 23

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing Welds ••••								
B12.010.001	1-RCP-1A1	OM-201D-35 OM-201-1148 ISI-OCN1-007	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.002	1-RCP-1A2	OM-201D-35 OM-201-1148 ISI-OCN1-008	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1A2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.003	1-RCP-1B1	OM-201D-35 OM-201-1148 ISI-OCN1-009	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B1 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)
B12.010.004	1-RCP-1B2	OM-201D-35 OM-201-1148 ISI-OCN1-010	NDE-12	RT Casing to Casing	SS	77.000 0.000		Reactor Coolant Pump 1B2 Casing Weld. (Inspect only if pump is disassembled. See request for relief in section 9 of volume 1.)

Total B12.010 Items: 4

Pumps

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Pump Casing ••••								
B12.020.001	1-RCP-1A1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-007	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1A1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.002	1-RCP-1A2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-008	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1A2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.003	1-RCP-1B1-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-009	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1b1; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)
B12.020.004	1-RCP-1B2-CASING	OM-201D-35 OM-201-1148 ISI-OCN1-010	QAL-14	VT-3 Casing Internal Surfaces to Other	SS	77.000 0.000		Reactor Coolant Pump 1B2; Casing Internal Surfaces. (Inspect only if pump is disassembled for maint. purposes, repair, ect.)

Total B12.020 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Valve Body, Exceeding NPS 4 ••••								
B12.050.001	1-53A-CF-11	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	A- Side Core Flood (W-Axis) Valve Body - Valve CF-11 (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.002	1-53A-CF-12	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	A-Side Core Flood (W- Axis) Valve Body - Valve CF-12. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.003	1-53A-CF-13	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	B-Side Core Flood (Y- Axis) Valve Body - Valve CF-13. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.004	1-53A-CF-14	OM-245-001 OFD-102A-1.3	QAL-14	VT-3	SS	14.250 0.000	Valve (Internal Surfaces) to Other	B- Side Core Flood (Y- Axis) Valve Body - CF-14.
B12.050.005	1-53A-LP-1	OM-201-165 OFD-102A-1.1	QAL-14	VT-3	SS	15.250 0.000	Valve (Internal Surfaces) to Other	Decay Heat Suction from Reactor Coolant System. LP-1 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.006	1-53A-LP-2	OM-201-165 OFD-102A-1.1	QAL-14	VT-3	SS	15.250 0.000	Valve (Internal Surfaces) to Other	Decay Heat Suction from Reactor Coolant System. LP-2 Valve Body. (Inspect only if valve is disassembled for maint. purposes ,valve repair,ect..)
B12.050.007	1-53A-LP-47	OM-245-001 OFD-102A-1.2	QAL-14	VT-3	SS	10.937 0.000	Valve (Internal Surfaces) to Other	B-Side LP1 Valve Body - Valve LP-47. (Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)
B12.050.008	1-53A-LP-48	OM-245-001 OFD-102A-1.2	QAL-14	VT-3	SS	10.937 0.000	Valve (Internal Surfaces) to Other	B-Side LP1 Valve Body - Valve LP-48.(Inspect only if valve is disassembled for maint. purposes ,valve repair ,ect..)

Total B12.050 Items: 8

Total Category B-M-2 Items: 16

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Vessel Interior ••••								
B13.010.001	1-RPV-INT-SURFACE	OM-201-1008 ISI OCN1-001	QAL-14	VT-3	SS	0.000 0.000	Interior Surfaces to Other	Reactor Vessel - Interior Surfaces of Vessel.

Total B13.010 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Core Support Structure ••••								
B13.070.001	1-RPV-INTERNALS	OM-2201-0939 ISI OCN1-001	QAL-14	VT-3	NA	0.000 0.000	Core Support Structures to Other	Reactor Vessel - Core Support Structures, Welds, Bolts and Surfaces.

Total B13.070 Items: 1

Total Category B-N-3 Items: 2

OCONEE UNIT NUMBER 1
CLASS A (CATEGORY B-P) REQUIREMENTS
FOR OUTAGE NUMBER 21

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
B15.050.001	SEE COMMENTS	N/A	LEAK	VARIOUS	RC SYSTEM	VT-2	QAL-15	Drawings that make up the Class A Leakage Boundary: OFDL-100A-1.1, OFDL-100A-1.2, OFDL-100A-1.3, OFDL-101A-1.1, OFDL-101A-1.4, OFDL-101A-1.5, OFDL-102A-1.1, OFDL-102A-1.2, OFDL-102A-1.3, OFDL-110A-1.1, OFDL-110A-1.4, OFDL-127B-1.2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Integrally Welded Attachments ••••								
C03.020.005	1-01A-H2A Rigid restraint	0-481A OFD-122A-1.1	NDE-25	MT	CS	24.250 0.750		Calculaton No. OSC-1296-06; Problem No. 1-01-07; System 01A;PAGE# 6 (2)-24.23A MAIN STEAM FROM PEN 26 TO SG 1A
C03.020.010	1-01A-H7A Spring hanger	0-481B OFD-122A-1.1	NDE-25	MT	CS	34.000 1.750		Calculaton No. OSC-1296-06; Problem No. 1-01-07; System 01A;PAGE# 6 (2)-24.23A MAIN STEAM FROM PEN 26 TO SG 1A
C03.020.015	1-01A-R13 Rigid restraint	0-550 OFD-122A-1.1	NDE-25	MT	CS	34.000 0.750		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.2 OF 3; System 01A;PAGE# 132; MAIN STEAM PIPING
C03.020.016	1-01A-R3 Rigid restraint	0-550 OFD-122A-1.1	NDE-25	MT	CS	34.000 1.000		Calculaton No. OSC-320; Problem No. 1-01-01;SHT.2 OF 3; System 01A;PAGE# 132; MAIN STEAM PIPING
C03.020.020	1-14-H1 Rigid restraint	0-479A OFD-124B-1.2 1-14-12	NDE-25	MT	NA	6.000 0.750		Problem No; 1-14-12 Sht. 0-492A-7 Low Pressure Service Water Emergency Cooler 1C Outlet
C03.020.045	1-53B-H2 Spring hanger	5-0-444 OFD-102A-1.2	NDE-35	PT	SS	10.000 1.250		Calculation Number OS-408 Sheet 1 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
C03.020.064	1-54A-R8	3-0-435B OFD-103A-1.1	NDE-35	PT Sway Strut to Other	SS	8.000 0.875		Calculaton No. OSC-1628 Page 60; Problem No. 1-54-01 Sheet 1 of 1. System 54A Auxiliary Building.

Total C03.020 Items: 7

Total Category C-C Items: 7

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.021.017	1-51A-124-8 Circumferential	1-51A-124 OFD-101A-1.3	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.017A	1-51A-124-8 Circumferential	1-51A-124 OFD-101A-1.3	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.023	1-51A-125-11 Circumferential	1-51A-125 OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.023A	1-51A-125-11 Circumferential	1-51A-125 OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.029	1-51A-127-2 Circumferential	1-51A-127 OFD-101A-1.3	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	
C05.021.029A	1-51A-127-2 Circumferential	1-51A-127 OFD-101A-1.3	NDE-35	UT Elbow to Pipe	SS	4.000 0.531		
C05.021.044	1-51A-01-97A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.044A	1-51A-01-97A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.050	1-51A-02-49BA Circumferential	1-51A-02 OFD-101A-1.3	NDE-600	UT Valve (1HP-132) to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.050A	1-51A-02-49BA Circumferential	1-51A-02 OFD-101A-1.3	NDE-35	PT Valve (1HP-132) to Pipe	SS	4.000 0.531		

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 In. Nom Wall For Piping ≥ NPS 2 And ≤ NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.056	1-51A-02-23BB Circumferential	1-51A-02 OFD-101A-1.4	NDE-600	UT Flange to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.056A	1-51A-02-23BB Circumferential	1-51A-02 OFD-101A-1.4	NDE-35	PT Flange to Pipe	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
C05.021.060	1-51A-03-79B Circumferential	1-51A-03(1) OFD-101A-1.4	NDE-600	UT Elbow to Pipe	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.060A	1-51A-03-79B Circumferential	1-51A-03(1) OFD-101A-1.4	NDE-35	PT Elbow to Pipe	SS	4.000 0.531		
C05.021.067	1-51A-03-122B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-600	UT Pipe to Elbow	SS	2.500 0.552	TBD	Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.067A	1-51A-03-122B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-35	PT Pipe to Elbow	SS	2.500 0.552		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
C05.021.073	1-51A-16-116 Circumferential	1-51A-16(3) OFD-101A-1.4	NDE-600	UT Tee to Elbow	SS	4.000 0.531	40406	Inspecting this weld in order to meet 7.5% of system 56. Borrowing from system 51A category C5.21
C05.021.073A	1-51A-16-116 Circumferential	1-51A-16(3) OFD-101A-1.4	NDE-35	PT Tee to Elbow	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 56. Borrowing from system 51A category C5.21

Total C05.021 Items: 18

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.030.001 Socket	1-53B-83-1	1-53B-83 OFD-101A-1.2	NDE-35	PT	SS	2.000 0.154		
				Valve (1HP-364) to Pipe				

Total C05.030 Items: 1

ITEM NUMBER		ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••									
C05.041.001	Branch	1-53B-01-87B	1-53B-01(2) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	8.000 0.250		
C05.041.010	Branch	1-53B-05-55JA	1-53B-05(3) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	8.000 0.250		
C05.041.023	Branch	1-53B-12-127C	1-53B-12 OFD-102A-1.1	NDE-35	PT Elbow to Pipe	SS	8.000 0.148		
C05.041.029	Branch	1-51A-01-12A	1-51A-01(1) OFD-101A-1.3	NDE-35	PT Pipe to Pipe	SS	3.000 0.216		

Total C05.041 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Circumferential Weld ••••								
C05.051.010	1-01A-01-83 Circumferential	1-01A-01(4) OFD-122A-1.1	NDE-600	UT	CS	12.000 0.562	TBD	
				Valve (1MS-79) to Elbow				
C05.051.010A	1-01A-01-83 Circumferential	1-01A-01(4) OFD-122A-1.1	NDE-25	MT	CS	12.000 0.562		
				Valve (1MS-79) to Elbow				
C05.051.011	1-01A-1-20 Circumferential	1-01A-01(5) OFD-122B-1.1	NDE-600	UT	CS	24.000 0.969	TBD	
				Valve (1MS-102) to Pipe				
C05.051.011A	1-01A-1-20 Circumferential	1-01A-01(5) OFD-122B-1.1	NDE-25	MT	CS	24.000 0.969		
				Valve (1MS-102) to Pipe				
C05.051.019	1-01A-01-19 Circumferential	1-01A-01(1) OFD-122A-1.1	NDE-600	UT	CS	34.000 1.164	TBD	Inspect this with item number C05.052.001
				Elbow to Pipe				
C05.051.019A	1-01A-01-19 Circumferential	1-01A-01(1) OFD-122A-1.1	NDE-25	MT	CS	34.000 1.164		Inspect this with item number C05.052.001A
				Elbow to Pipe				
C05.051.025	1-03A-05-98 Circumferential	1-03A-05 OFD-121D-1.1	NDE-600	UT	CS	6.000 0.432	50331	
				Valve (1FDW-346) to Pipe				
C05.051.025A	1-03A-05-98 Circumferential	1-03A-05 OFD-121D-1.1	NDE-25	MT	CS	6.000 0.432		
				Valve (1FDW-346) to Pipe				
C05.051.032	1-55-3-88 Circumferential	1-55-3 OFD-144A-1.2	NDE-600	UT	CS	8.000 0.500	TBD	
				Pipe to Valve (1CC-8)				
C05.051.032A	1-55-3-88 Circumferential	1-55-3 OFD-144A-1.2	NDE-25	MT	CS	8.000 0.500		
				Pipe to Valve (1CC-8)				

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Piping Welds ≥ 3/8 in. Nominal Wall Thickness for Piping > NPS 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.039	1-LPSW-344-19 Circumferential	1-LPSW-344 OFD-124B-1.2	NDE-600	UT Pipe to Elbow	CS	8.000 0.500	TBD	
C05.051.039A	1-LPSW-344-19 Circumferential	1-LPSW-344 OFD-124B-1.2	NDE-25	MT Pipe to Elbow	CS	8.000 0.500		
C05.051.045	1-LPSW-345-38 Circumferential	1-LPSW-345 OFD-124B-1.2	NDE-600	UT Flange to Flange	CS	6.000 0.432	50331	
C05.051.045A	1-LPSW-345-38 Circumferential	1-LPSW-345 OFD-124B-1.2	NDE-25	MT Flange to Flange	CS	6.000 0.432		

Total C05.051 Items: 14

•••• Longitudinal Weld ••••

C05.052.001	1-01A-01-19L Longitudinal	1-01A-01(1)	NDE-12	RT Pipe to Pipe	CS	36.000 1.164		Long seam for 1-01A-1.1-19
C05.052.001A	1-01A-01-19L Longitudinal	1-01A-01(1)	NDE-25	MT Pipe to Pipe	CS	36.000 1.164		Long seam for 1-01A-1.1-19

Total C05.052 Items: 2

Total Category C-F-2 Items: 39

OCONEE UNIT NUMBER 1
CLASS B (CATEGORY A) REQUIREMENTS
FOR OUTAGE NUMBER 21

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.002	OFDL-101A-1.2	00	INSER	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.030.006	OFDL-102A-1.1	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 36, 37 and 57
C07.030.007	OFDL-102A-1.2	00	INS/FUN	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16
C07.030.011	OFDL-104A-1.2	00	INSER	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.040.001	OFDH-101A-1.1	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 6 and 7
C07.040.002	OFDH-101A-1.2	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.040.003	OFDH-101A-1.3	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.040.004	OFDH-101A-1.4	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	Penetrations 8, 9, 10, 23 and 52
C07.040.005	OFDH-101A-1.5	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
C07.040.006	OFDH-102A-1.1	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 36, 37 and 57
C07.040.007	OFDH-102A-1.2	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16
C07.040.008	OFDH-102A-1.3	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	Penetration 59
C07.040.009	OFDH-103A-1.1	00	HYDRO	VARIOUS	BS SYSTEM	VT-2	QAL-15	Penetrations 13 and 14
C07.040.010	OFDH-104A-1.1	00	HYDRO	VARIOUS	SF SYSTEM	VT-2	QAL-15	Penetration 56
C07.040.011	OFDH-104A-1.2	00	HYDRO	VARIOUS	SF SYSTEM	VT-2	QAL-15	
C07.040.012	OFDH-106E-1.1	00	HYDRO	VARIOUS	DW SYSTEM	VT-2	QAL-15	Penetrations 46, 47 and 55
C07.040.013	OFDH-107A-1.1	00	HYDRO	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetrations 18 and 38
C07.040.014	OFDH-107A-1.2	00	HYDRO	VARIOUS	CS SYSTEM	VT-2	QAL-15	Penetration 29
C07.040.015	OFDH-107B-1.1	00	HYDRO	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 5
C07.040.016	OFDH-107D-1.2	00	HYDRO	VARIOUS	LWD SYSTEM	VT-2	QAL-15	Penetration 40

OCONEE U[illegible]UMBER 1
CLASS B (CATEGOR[illegible]H) REQUIREMENTS
FOR OUTAGE NUMBER 21

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.040.017	OFDH-110A-1.1	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetrations 1, 2 and 58
C07.040.018	OFDH-110A-1.3	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	Penetration 42
C07.040.019	OFDH-110A-1.4	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	
C07.040.020	OFDH-116A-1.1	00	HYDRO	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 19 and 20
C07.040.021	OFDH-116C-1.1	00	HYDRO	VARIOUS	PR SYSTEM	VT-2	QAL-15	Penetrations 60 and 61
C07.040.022	OFDH-121B-1.3	00	HYDRO	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 25 and 27
C07.040.023	OFDH-121B-1.5	00	HYDRO	VARIOUS	FDW SYSTEM	VT-2	QAL-15	Penetrations 4 and 43
C07.040.024	OFDH-121D-1.1	00	HYDRO	VARIOUS	EFW SYSTEM	VT-2	QAL-15	Penetrations 17 and 50
C07.040.025	OFDH-121D-1.2	00	HYDRO	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
C07.040.026	OFDH-122A-1.1	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	Penetrations 26 and 28
C07.040.027	OFDH-122A-1.2	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.040.028	OFDH-122A-1.3	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.040.029	OFDH-122A-1.4	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.040.030	OFDH-122B-1.1	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	
C07.040.031	OFDH-124B-1.2	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 30, 31, 32, 33, 34 and 35
C07.040.032	OFDH-124B-1.4	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	Penetrations 21 and 22
C07.040.033	OFDH-127B-1.2	00	HYDRO	VARIOUS	N SYSTEM	VT-2	QAL-15	Penetrations 39, 49 and 53
C07.040.034	OFDH-137A-1.3	00	HYDRO	VARIOUS	BA SYSTEM	VT-2	QAL-15	Penetration 48
C07.040.035	OFDH-137B-1.2	00	HYDRO	VARIOUS	IA SYSTEM	VT-2	QAL-15	Penetration 41
C07.040.036	OFDH-137E-1.1	00	HYDRO	VARIOUS	LRT SYSTEM	VT-2	QAL-15	Penetrations 45 and 51

OCONEE U[illegible]UMBER 1
CLASS B (CATEGOR[illegible]H) REQUIREMENTS
FOR OUTAGE NUMBER 21

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.040.037	OFDH-144A-1.2	00	HYDRO	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetrations 3 and 54
C07.040.038	OFDH-144A-1.3	00	HYDRO	VARIOUS	CC SYSTEM	VT-2	QAL-15	Penetration 44

OCONEE U[illegible]UMBER 1
CLASS C (CATEGOR[illegible]A) REQUIREMENTS
FOR OUTAGE NUMBER 21

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D01.012.001	OFDH-100A-1.3	00	HYDRO	VARIOUS	RC SYSTEM	VT-2	QAL-15	
D01.012.002	OFDH-101A-1.1	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.012.003	OFDH-101A-1.2	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.012.004	OFDH-101A-1.3	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.012.005	OFDH-101A-1.4	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.012.006	OFDH-101A-1.5	00	HYDRO	VARIOUS	HPI SYSTEM	VT-2	QAL-15	
D01.012.007	OFDH-102A-1.1	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.012.008	OFDH-102A-1.2	00	HYDRO	VARIOUS	LPI SYSTEM	VT-2	QAL-15	
D01.012.009	OFDH-106A-1.2	00	HYDRO	VARIOUS	CT SYSTEM	VT-2	QAL-15	
D01.012.010	OFDH-109A-1.1	00	HYDRO	VARIOUS	HP SYSTEM	VT-2	QAL-15	
D01.012.011	OFDH-110A-1.1	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	
D01.012.012	OFDH-144A-1.2	00	HYDRO	VARIOUS	CC SYSTEM	VT-2	QAL-15	
D01.012.013	OFDH-110A-1.4	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	

OCONEE U[illegible]UMBER 1
CLASS C (CATEGOR[illegible]B) REQUIREMENTS
FOR OUTAGE NUMBER 21

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.012.001	OFDH-110A-1.3	00	HYDRO	VARIOUS	CA SYSTEM	VT-2	QAL-15	
D02.012.003	OFDH-121A-1.3	00	HYDRO	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.012.004	OFDH-121A-1.7	00	HYDRO	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.012.005	OFDH-121A-1.8	00	HYDRO	VARIOUS	C SYSTEM	VT-2	QAL-15	
D02.012.006	OFDH-121B-1.3	00	HYDRO	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.012.007	OFDH-121B-1.5	00	HYDRO	VARIOUS	FDW SYSTEM	VT-2	QAL-15	
D02.012.008	OFDH-121D-1.1	00	HYDRO	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.012.009	OFDH-121D-1.2	00	HYDRO	VARIOUS	EFW SYSTEM	VT-2	QAL-15	
D02.012.010	OFDH-122A-1.4	00	HYDRO	VARIOUS	MS SYSTEM	VT-2	QAL-15	
D02.012.011	OFDH-124A-1.1	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.012	OFDH-124A-1.3	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.013	OFDH-124A-2.3	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.014	OFDH-124B-1.1	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.015	OFDH-124B-1.2	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.016	OFDH-124B-1.4	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.017	OFDH-124B-1.5	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.018	OFDH-124B-2.1	00	HYDRO	VARIOUS	LPSW SYSTEM	VT-2	QAL-15	
D02.012.019	OFDH-124C-1.2	00	HYDRO	VARIOUS	HPSW SYSTEM	VT-2	QAL-15	
D02.012.020	OFDH-133A-1.1	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.
D02.012.021	OFDH-133A-1.2	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.

OCONEE U[illegible]UMBER 1
CLASS C (CATEGOR[illegible]B) REQUIREMENTS
FOR OUTAGE NUMBER 21

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.012.022	OFDH-133A-1.3	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.
D02.012.023	OFDH-133A-1.4	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.
D02.012.024	OFDH-133A-1.5	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.
D02.012.025	OFDH-133A-2.1	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of Hydro test is acceptable.
D02.012.026	OFDH-133A-2.2	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of hydro test is acceptable.
D02.012.027	OFDH-133A-2.5	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of hydro test is acceptable.
D02.012.028	OFDH-133A-3.1	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of hydro test is acceptable.
D02.012.029	OFDH-133A-3.2	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of hydro test is acceptable.
D02.012.030	OFDH-133A-3.4	00	HYDRO	VARIOUS	CCW SYSTEM	VT-2	QAL-15	Adequate flow test in lieu of hydro test is acceptable.
D02.012.031	OFDH-137D-1.1	00	HYDRO	VARIOUS	DA SYSTEM	VT-2	QAL-15	
D02.012.032	OFDH-137D-1.2	00	HYDRO	VARIOUS	DA SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D02.020.003	1-01A-R10 Rigid restraint	4-1-0-403C OFD-122A-1.4	QAL-14	VT-3	NA	6.000 0.250		Calculation Number OSC-325 Sheet 3 of 3; Problem 1-01-06 Page 91. System 01A Steam Supply to Emergency Feedwater Pump Turbine.
D02.020.007	1-03-R8 Rigid restraint	0-551 OFD-121B-1.3	QAL-14	VT-3	NA	24.000 0.312		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
D02.020.010	1-03A-DE064 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-342 Page 103; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
D02.020.022	1-03A-H3A Rigid restraint	0-480A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.250		Calculaton No. OSC-1224-16 Page 41;Problem No.1- 03A-14. System 03A AUX. SERVICE WATER PIPE
D02.020.023	1-03A-H3B Rigid restraint	0-480A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.250		Calculaton No. OSC-1224-16 Page 42;Problem No.1- 03A-14. System 03A AUX. SERVICE WATER PIPE
D02.020.038	1-03A-SR100 Rigid restraint	1-0-438B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1224-19 Page 27;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.020.053	1-03A-SR65 Rigid restraint	1-0-400A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-1215 Page 21; Problem No.1- 03A-12. System 03A EMER. FEED.WTR. DISCHARGE
D02.020.054	1-03A-SR83 Rigid restraint	1-0-400B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-342 Page 103; Problem No. 03A-9 . System 03A 6"EMER. F.WTR. BYPASS
D02.020.060	1-03A-SR95 Rigid restraint	1-0-437A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-339 Page 81; Problem No. 1-03A-5 . System 03A 6"EMER. F.WTR. TO 24"MAIN F.WTR.
D02.020.064	1-04A-H20 Rigid restraint	2-0-439B OFD-121B-1.5	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OSC-1404 Page 77;Problem No.1- 04A-06. System 04A OTSG SECONDARY SIDE DRAIN TO COND.

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.074	1-08-JH-1801 Rigid restraint	0-400H OFD-122A-1.4	QAL-14	VT-3	NA	10.000 0.250		Calculation Number OSC-1902 Sheet 1of 2; Problem 1-08-01 Page 38. System 08 Emergency Feedwater Pump Turbine Exhaust to Condenser.
D02.020.083	1-14B-H1 Rigid restraint	1-0-437A OFD-124B-1.1	QAL-14	VT-3	NA	16.000 0.280		Calculaton No. OSC-1541; Problem No. 1-14-06 SHT. 1 OF 3. System 14B;PAGE 100.1; LPSW SUPPLY TO RB COMPONENT COOLERS & LP COOLERS 1A & 1B
D02.020.088	1-14B-RMC-0501 Rigid restraint	0-439B OFD-124B-1.2 1-14-04	QAL-14	VT-3	NA	8.000 0.237		File OSC-376 pg. 78. Low Pressure Service Water Discharge I. E. B. 79-14, System 14B, sheet 1 of 3
D02.020.094	1-14B-SR42 Rigid restraint	1-0-439B OFD-124B-1.2 1-14-04	QAL-14	VT-3	NA	18.000 1.000		File OSC-376 pg. 78. Low Pressure Service Water Discharge I. E. B. 79-14, System 14B.
D02.020.101	1-14B-SR7 Rigid restraint	0-400B OFD-124A-1.1	QAL-14	VT-3	NA	24.000 0.250		Calculation No. OS-395 Page 40, problem no. 1-14A-01 page 1 of 2. Low Pressure Service Water

Total D02.020 Items: 15

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Mechanical and Hydraulic Snubbers ••••								
D02.030.007	1-57-H9 Hyd snubber	0-481A OFD-100A-1.2	QAL-14	VT-3	NA	6.000 1.000		Calculaton No. OS-1313-06 Page 44.1;Problem No.1-57-01. System 57 Pressurizer Relief Valve System

Total D02.030 Items: 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Spring Type Supports ••••								
D02.040.003	1-03-H48 Spring hanger	0-551 OFD-121B-1.3	QAL-14	VT-3	NA	24.000 0.312		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
D02.040.009	1-03A-H101 Spring hanger	0-439C OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.500		Calculaton No. OSC-1224-19 Page 26;Problem No.1- 03A-13. System 03A AUX. SERVICE WATER PIPE
D02.040.016	1-14B-H31 Spring hanger	1-0-400B OFD-124A-1.1	QAL-14	VT-3	NA	36.000 0.187		Calculation No. OS-395 Page 40, problem no. 1-14A-01 page 1 of 2. Low Pressure Service Water

Total D02.040 Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Constant Load Type Supports ••••								
D02.050.002	1-57-H12 Constant suppor	0-481A OFD-100A-1.2	QAL-14	VT-3	NA	6.000 0.250		Calculaton No. OS-1313-06 Page 44.1;Problem No.1-57-01. System 57 Pressurizer Relief Valve System

Total D02.050 Items: 1

Total Category D-B Items: 20

OCONEE UNIT NUMBER 1
CLASS C (CATEGORY C) REQUIREMENTS
FOR OUTAGE NUMBER 21

ITEM NO.	DRAWING	REV	TEST	COMP	COMP NAME	REQ. INSP	REQ. PROC	COMMENTS
D03.012.001	OFDH-104A-1.1	00	HYDRO	VARIOUS	SF SYSTEM	VT-2	QAL-15	
D03.012.002	OFDH-104A-1.2	00	HYDRO	VARIOUS	SF SYSTEM	VT-2	QAL-15	

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D03.020.006	1-56-H4 Rigid restraint	4-0-437B OFD-104A-1.2	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling Fig.162 Size 8
D03.020.007	1-56-H5 Rigid restraint	4-0-437B OFD-104A-1.2	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling Fig.162 Size 8
D03.020.010	1-56-H65 Rigid restraint	4-0-443 OFD-104A-1.1	QAL-14	VT-3	NA	8.000 1.000		Calculaton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56
D03.020.011	1-56-JTC-2902 Rigid restraint	0-443 OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.500		Calculaton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56
D03.020.016	1-56-SR2 Rigid restraint	0-437B OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.750		Calculaton No. OSC-1359-02 Page 28 ; Problem No.4-56-07 Spent Fuel Cooling (Suction Side) System 56
D03.020.021	1-56-SR3 Rigid restraint	0-437B OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.154		Calculaton No. OSC-1359-02 Page 28 ; Problem No.4-56-07 Spent Fuel Cooling (Suction Side) System 56

Total D03.020 Items: 6

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Spring Type Supports ••••								
D03.040.003	1-56-H61 Spring hanger	2-0-438C OFD-104A-1.1	QAL-14	VT-3	NA	8.000 0.125		Calculaton No. OSC-421 Page 93; Problem No.4-56-02 Spent Fuel Cooling System 56 Fig.161 Size 8
D03.040.004	1-56-H62 Spring hanger	2-0-438C OFD-104A-1.1	QAL-14	VT-3	NA	8.000 1.000		Calculaton No. OSC-421 Page 93; Problem No.4-56-02 Spent Fuel Cooling System 56

Total D03.040 Items: 2

Total Category D-C Items: 8

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.007	1-53A-H2A Rigid support	0-478A OFD-102A-1.3	QAL-14	VT-3	NA	14.000 0.280		Calculaton No. OSC-1300 Problem No.1-53-09;Sht.1 of 4 System 53A Low Pressure Inj. System West Iso.
Total F01.010 Items:	**1**							
F01.011.004	1-51A-H8C Rigid restraint	0-478A OFD-101A-1.1	QAL-14	VT-3	NA	2.500 0.500		Calculaton No. OSC-1660-11; Problem No. 1-55-03;SHT.1 OF 4; System 51A;PAGE# 65; RC PUMP PIPING TO HP INJECTION LETDOWN COOLERS
Total F01.011 Items:	**1**							
F01.012.005	1-51A-H6238 Spring hanger	0-478A OFD-101A-1.1	QAL-14	VT-3	NA	2.500 0.000		Calculaton No. OSC-1660-11; Problem No. 1-55-03;SHT.1 OF 4; System 51A;PAGE# 65; RC PUMP PIPING TO HP INJECTION LETDOWN COOLERS
F01.012.007	1-53A-H3A Spring hanger	0-478A OFD-102A-1.3	QAL-14	VT-3	NA	14.000 0.000		Calculaton No. OSC-1300 Problem No.1-53-09;Sht.1 of 4 System 53A Low Pressure Inj. System West Iso.
Total F01.012 Items:	**2**							

Class 2 Weld Connections to Building Structure

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.003	1-01A-H2A Rigid restraint	0-481A OFD-122A-1.1	QAL-14	VT-3	NA	24.250 0.750		Calculaton No. OSC-1296-06; Problem No. 1-01-07; System 01A;PAGE# 6 (2)-24.23A MAIN STEAM FROM PEN 26 TO SG 1A
F01.020.011	1-14-H86 Rigid restraint	0-480A OFD-124B-1.3 1-14-15	QAL-14	VT-3 ss to Other	NA	8.000 0.000		Calculation No. OSC-1409, Problem 1-14-15 sh. 2. Low Pressure Service Water
F01.020.019	1-51A-H29 Rigid restraint	1-0-439A OFD-101A-1.4 1-51-04	QAL-14	VT-3	NA	4.000 0.000		Calculation No. OSC-1639, page 30.5; Problem No. 1-51-04. High Pressure Injection
F01.020.021	1-51A-SR59 Rigid restraint	6-0-435B OFD-101A-1.3	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-1535 Page 136; Problem No. 1-51-2 Sheet 2 of 8. System 51
F01.020.035	1-53B-R35 Rigid restraint	0-435B OFD-102A-1.1	QAL-14	VT-3	NA	14.000 0.000		Calculaton No. OS-407; Problem No. 1-53-1;SHT.1 OF 4 PAGE#104; SYSTEM 53B; LP INJECTION LINE
F01.020.037	1-54A-DE10 Rigid restraint	0-435B OFD-103A-1.1	QAL-14	VT-3 Sway Strut Fig162 to Other	NA	8.000 0.125		Calculaton No. OS-415 Page 50; Problem No. 1-54-2 Sheet 1 of 1. System 54A Auxiliary Building. Examine during outage 16 for surveillance item from second interval.
F01.020.042	1-55-H32 Rigid restraint	1-0-439C OFD-144A-1.2	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-1549 Page 101; Problem No.4-55-1 8" Component Cooling Wtr. Disch. System 55-1

Total F01.020 Items: 7

F01.021.002	1-14-H1 Rigid restraint	0-479A OFD-124B-1.2 1-14-12	QAL-14	VT-3	NA	6.000 0.750		Problem No; 1-14-12 Sht. 0-492A-7 Low Pressure Service Water Emergency Cooler 1C Outlet
F01.021.014	1-51A-SR61 Rigid support	1-0-435C OFD-101A-1.3	QAL-14	VT-3	NA	4.000 0.000		Calculaton No. OSC-1410 Page103; Problem No. 1-51-13 . System 51 HPI CROSS CONNECT & HEADER

Class 2 Weld Connections to Building Structure

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.021.016	1-53B-DE012 Rigid restraint	0-438C OFD-102A-1.1	QAL-14	VT-3	NA	12.000 0.000		Calculaton No. OS-404; Problem No. 1-53-04;SHT.1 OF 1; PAGE#39; SYSTEM 53B; DECAY HEAT REMOVAL SYS & LP INJECTION
F01.021.023	1-55-DE003 Rigid restraint	1-0-439B OFD-144A-1.2	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OS-419 Page 75; Problem No.1-55-06 Component Cooling Sys. System 55

Total F01.021 Items: 4

F01.022.003	1-01A-H1A Constant suppor	0-481A OFD-122A-1.1	QAL-14	VT-3	NA	24.250 0.000		Calculaton No. OSC-1296-06; Problem No. 1-01-07; System 01A;PAGE# 6 (2)-24.23A MAIN STEAM FROM PEN 26 TO SG 1A
F01.022.004	1-01A-H43 Mech snubber	1-1-0-401A OFD-122A-1.2	QAL-14	VT-3	NA	12.000 0.000		Calculaton No. OSC-321; Problem No. 1-01-2 SHT. 3 OF 5. System 01A; MAIN STEAM BYPASS TO CONDENSER
F01.022.011	1-51A-DE001 Spring hanger	0-435C OFD-101A-1.3	QAL-14	VT-3	NA	4.000 0.000		Calculaton No. OSC-1410 Page105; Problem No. 1-51-13 . System 51 HPI INJ.
F01.022.015	1-53B-DE055 Mech snubber	0-438C OFD-102A-1.1	QAL-14	VT-3	NA	12.000 0.000		Calculaton No. OS-404; Problem No. 1-53-04;SHT.1 OF 1; PAGE#39; SYSTEM 53B; DECAY HEAT REMOVAL SYS & LP INJECTION

Total F01.022 Items: 4

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.011	1-03A-H3A Rigid restraint	0-480A OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.250		Calculaton No. OSC-1224-16 Page 41;Problem No.1- 03A-14. System 03A AUX. SERVICE WATER PIPE
F01.030.029	1-14B-H10 Rigid restraint	1-0-439B OFD-124B-1.2 1-14-04	QAL-14	VT-3	NA ss to Other	18.000 0.000		File OSC-376 pg. 78. Low Pressure Service Water Discharge I. E. B. 79-14, System 14B.
F01.030.030	1-14B-MKP-0503 Rigid restraint	0-436E OFD-121D-1.2 4-14-3	QAL-14	VT-3	NA	8.000 0.000		Calculation No. OSC-394, page 78; Problem No. 4-14-3, sh. 3. Auxiliary Feed water Lines from Auxiliary Sevice Water Pump
F01.030.031	1-14B-RMC-0501 Rigid restraint	0-439B OFD-124B-1.2 1-14-04	QAL-14	VT-3	NA	8.000 0.237		File OSC-376 pg. 78. Low Pressure Service Water Discharge I. E. B. 79-14, System 14B, sheet 1 of 3
F01.030.032	1-14B-SR50 Rigid restraint	0-437A OFD-124A-1.1	QAL-14	VT-3	NA	20.000 0.000		Calculation No. OSC-1541 Page 101, problem no. 1-14-06 page 2 of 3. Low Pressure Service Water
F01.030.033	1-14B-WJB-1001 Rigid restraint	0-436L OFD-121D-1.2 4-14-3	QAL-14	VT-3	NA	8.000 0.000		Calculation No. OSC-394, page 79; Problem No. 4-14-3, sh. 4. Auxiliary Feed water Lines from Auxiliary Sevice Water Pump
F01.030.040	1-56-SR20 Rigid restraint	0-437B OFD-104A-1.2	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling
Total F01.030 Items:	**7**							
F01.031.005	1-03A-SR28 Rigid restraint	1-0-401B OFD-121D-1.1	QAL-14	VT-3	NA	6.000 0.000		Calculaton No. OSC-343 Page 50; Problem No. 03A-10 . System 03A 6"EMER. FEED.WTR.
F01.031.007	1-07A-SR1 Rigid restraint	0-400A OFD-121A-1.8	QAL-14	VT-3	NA	8.000 0.000		Calculaton No. OSC-362 Page 57; Problem No.1-07A-2 L.P.& H.P.Condensate System 07A

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
Total F01.031 Items:	**2**							
F01.032.003	1-03-H48 Spring hanger	0-551 OFD-121B-1.3	QAL-14	VT-3	NA	24.000 0.312		Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
Total F01.032 Items:	**1**							
Total Category F-A Items:	**29**							

Reactor Coolant Pump Flywheel

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G01.001.001	1-RCP-1A1 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1A1 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.001A	1-RCP-1A1 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1A1 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.002	1-RCP-1A2 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1A2 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.002A	1-RCP-1A2 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1A2 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.003	1-RCP-1B1 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1B1 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.003A	1-RCP-1B1 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1B1 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.004	1-RCP-1B2 Circumferential	OM-201D-38	NDE-900	UT	CS	72.000 9.500	RCP 1B2 Flywheel to Other	The entire volume of the flywheel shall be examined by UT at approximately 3 year intervals. Ref. Section 7 of the ISI Plan Volume 1.
G01.001.004A	1-RCP-1B2 Circumferential	OM-201D-38	NDE-25	MT	CS	72.000 9.500	RCP 1B2 Flywheel to Other	A surface examination of all exposed surfaces shall be performed at least once per interval. Ref. Section 7 of the ISI Plan Volume 1.

Total G01.001 Items: 8

Total Category AUG Items: 8

Pressurizer Surge Line

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G03.001.002	1-PSL-133	ISI OCN1-015	NDE-600	UT	SS 160	10.750 0.250	40399	Examine 3" band. Reference Section 7 of the ISI Plan, Volume 1.
Stress weld				Elbow (Base metal) to		Not Applicable		
G03.001.003	1-PSL-142	ISI OCN1-015	NDE-600	UT	SS 160	10.750 0.250	40399	Examine 3" band. Reference Section 7 of the ISI Plan, Volume 1.
Stress weld				Elbow (Base metal) to		Not Applicable		

Total G03.001 Items: 2

Total Category AUG Items: 2

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G06.001.015	1-03A-11-160D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.016	1-03A-11-159D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.017	1-03A-11-161D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Flange to Elbow	CS	3.000 0.300		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.018	1-03A-11-6VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.019	1-03A-11-7VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.020	1-03A-11-8VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.021	1-03A-11-11VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.022	1-03A-11-12VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.023	1-03A-11-13VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.024	1-03A-11-14VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.

Auxiliary Feedwater Header B&W Safety Concern
21-82 Water Hammer

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G06.001.025	1-03A-11-15VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.026	1-03A-11-16VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.027	1-03A-11-17VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.028	1-03A-11-10VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-12	RT Pipe to Elbow	CS	6.000 0.432		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.029	1-03A-11-18VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	RT Pipe to Cap	CS	6.000 0.432		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Volume 1.
G06.001.030	1-03A-11-5VEN Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Nozzle to Pipe	CS	4.000 0.938		Auxiliary Feedwater Header 1A. Reference Section 7 of the ISI Plan Volume 1.
G06.001.031	1-03A-11-158D Circumferential	1-03A-11 OFD-121B-1.3	NDE-12	RT Pipe to Pipe	CS	6.000 0.432		Auxiliary Feedwater Header 1B. Reference Section 7 of the ISI Plan Vol. 1.
G06.001.031A	1-03A-11-158D Circumferential	1-03A-11 OFD-121B-1.3	NDE-25	MT Pipe to Pipe	CS	6.000 0.432		

Total G06.001 Items: 18

Total Category AUG Items: 18

Longitudinal Pipe Welds With A Nom. Wall Thickness < 3/8" and > NPS 4"

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G07.001.004	1-54A-04-26CL Longitudinal	1-54A-04(1)	NDE-600	UT Pipe to Pipe	SS	8.000 0.250		Long seam for 1-54A-04-26C. Weld was previously listed as 1-54A-4.1-26CL.
G07.001.004A	1-54A-04-26CL Longitudinal	1-54A-04(1)	NDE-35	PT Pipe to Pipe	SS	8.000 0.250		Long seam for 1-54A-04-26C. Weld was previously listed as 1-54A-4.1-26CL.
G07.001.005	1-56-02-31ACL Longitudinal	1-56-02	NDE-600	UT Pipe to Pipe	SS	8.000 0.148		Long seam for 1-56-02-31AC
G07.001.005A	1-56-02-31ACL Longitudinal	1-56-02	NDE-35	PT Pipe to Pipe	SS	8.000 0.148		

Total G07.001 Items: 4

Total Category AUG Items: 4

Pressurizer Sensing/Sampling Nozzle Safe Ends

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G08.001.001	1-PZR-WP63-1 Circumferential	ISI OCN1-002 OM-201-1001	NDE-35	PT	CS/Inconel	1.000 1.187	Nozzle (Sensing; W-X Quad) to Safe End	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End welds shall be examined by the Liquid Penetrant Method.
G08.001.002	1-PZR-WP63-2 Circumferential	ISI OCN1-002 OM-201-1001	NDE-35	PT	CS/Inconel	1.000 1.187	Nozzle (Sensing; Y-Z Quad) to Safe End	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End welds shall be examined by the Liquid Penetrant Method.
G08.001.003	1-PZR-WP63-3 Circumferential	ISI OCN1-002 OM-201-1001	NDE-35	PT	CS/Inconel	1.000 1.187	Nozzle (Sensing; Z-W Quad) to Safe End	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End welds shall be examined by the Liquid Penetrant Method.
G08.001.004	1-PZR-WP63-4 Circumferential	ISI OCN1-002 OM-201-1001	NDE-35	PT	CS/Inconel	1.000 1.187	Nozzle (Sensing; W-X Quad) to Safe End	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End welds shall be examined by the Liquid Penetrant Method.
G08.001.005	1-PZR-WP63-5 Circumferential	ISI OCN1-002 OM-201-1001	NDE-35	PT	CS/Inconel	1.000 1.187	Nozzle (Sensing; Y-Z Quad) to Safe End	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End welds shall be examined by the Liquid Penetrant Method.
G08.001.006	1-PZR-WP63-6 Circumferential	ISI OCN1-002 OM-201-1001	NDE-35	PT	CS/Inconel	1.000 1.187	Nozzle (Sensing; Z-W Quad) to Safe End	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End welds shall be examined by the Liquid Penetrant Method.
G08.001.007	1-PZR-WP63-7 Circumferential	ISI OCN1-002 OM-201-1001	NDE-35	PT	CS/Inconel	1.000 1.187	Nozzle (Sampling; Z-W Quad) to Safe End	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End welds shall be examined by the Liquid Penetrant Method.

Total G08.001 Items: 7

Total Category AUG Items: 7

Circumferential Pipe Welds With A Nom. Wall Thk. < 3/8" and > NPS 4"

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G09.001.006	1-53B-01-B16 Circumferential	1-53B-01(2) OFD-102A-1.2	NDE-35	PT Elbow to Elbow	SS	14.000 0.250		
G09.001.012	1-53B-03-18F Circumferential	1-53B-03(3) OFD-102A-1.2	NDE-35	PT Pipe to Tee	SS	10.000 0.250		
G09.001.018	1-53B-06-26KM Circumferential	1-53B-06(2) OFD-102A-1.2	NDE-35	PT Pipe to Pipe	SS	6.000 0.134		
G09.001.024	1-53B-12-135C Circumferential	1-53B-12 OFD-102A-1.1	NDE-35	PT Pipe to Pipe	SS	14.000 0.250		
G09.001.030	1-54A-01-17A Circumferential	1-54A-01(1) OFD-102A-1.1	NDE-35	PT Pipe to Valve (1BS-6)	SS	10.000 0.250		
G09.001.036	1-54A-03-12B Circumferential	1-54A-03(2) OFD-103A-1.1	NDE-35	PT Pipe to Pipe	SS	8.000 0.250		
G09.001.042	1-54A-04-46C Circumferential	1-54A-04(2) OFD-103A-1.1	NDE-35	PT Flange (Orifice) to Pipe	SS	8.000 0.250		
G09.001.048	1-56-6-320B Circumferential	1-56-6 OFD-104A-1.1	NDE-35	PT Elbow to Elbow	SS	8.000 0.148		

Total G09.001 Items: 8

Total Category AUG Items: 8

APPENDIX B

Oconee Unit 1
Inservice Inspection
Reference Drawings

Revision 0

System Flow Diagrams - Unit 1

The following is a list of flow diagrams that identify the inspection boundaries for Oconee Unit 1 for the Third Inspection Interval.

System	Drawing No.	Revision	Class 1	Class 2
Reactor Coolant	OFD-100A-1.1	11	X	X
Reactor Coolant (Pressurizer)	OFD-100A-1.2	7	X	
High Pressure Injection (Letdown Section)	OFD-101A-1.1	17	X	
High Pressure Injection (Storage Section)	OFD-101A-1.2	7		X
High Pressure Injection (Charging Section)	OFD-101A-1.3	4		X
High Pressure Injection (Charging Section)	OFD-101A-1.4	12	X	X
Low Pressure Injection System Borated Water Supply & LPI Pump Suction	OFD-102A-1.1	14	X	X
Low Pressure Injection Pump (Discharge)	OFD-102A-1.2	12	X	X
Reactor Building Spray	OFD-103A-1.1	2		X
Spent Fuel Cooling	OFD-104A-1.1	14		X
Spent Fuel Cooling (Purification Loop)	OFD-104A-1.2	5		X

System	Drawing No.	Revision	Class 1	Class 2
Reactor Building Purge System	OFD-116A-1.1	3		X
Feedwater (Final Feedwater)	OFD-121B-1.3	13		X
Emergency Feedwater	OFD-121D-1.1	10		X
Emergencey Feedwater (Auxiliary Service Water)	OFD-121D-1.2	6		X
Main Steam (Headers 1A & 1B)	OFD-122A-1.1	5		X
Main Steam (Turbine Bypass)	OFD-122A-1.2	7		X
Main Steam (Main FDW Pump Turbines 1A & 1B HP & LP Steam Supply & Exhaust)	OFD-122A-1.3	5		X
Main Steam (Main FDW Pump Turbines 1A & 1B HP & LP Supply & Exhaust)	OFD-122A-1.4	11		X
HP & LP Turbine Exhaust & Steam Seal (HP Turbine Inlet, Steam Seal Header & Feedwater Pump Turbine Steam Seals)	OFD-122B-1.1	5		X
Low Pressure Service Water System (Reactor Building Cooling Units)	OFD-124B-1.2	6		X
Low Pressure Service Water System (Reactor Building Ventilation Cooling)	OFD-124B-1.3	4		X
Component Cooling (Reactor Building Heat Exchangers)	OFD-144A-1.2	6		X

The color code system used on these drawings is shown below:

Red Class 1 system, not exempt from inspection.
Yellow Class 2 system, not exempt from inspection.

Weld Identification Drawings - Unit 1

The following weld identification drawings have been prepared for Oconee Unit 1:

Drawing Number	Title	Revision
ISI-OCN1-001	Reactor Vessel Weld Outline	1
ISI-OCN1-002	Pressurizer Weld Outline	2
ISI-OCN1-003	Steam Generator A Weld Outline	1
ISI-OCN1-004	Steam Generator B Weld Outline	1
ISI-OCN1-005	Steam Generator 1A Hot Leg to Reactor Vessel	2
ISI-OCN1-006	Steam Generator 1B Hot Leg to Reactor Vessel	1
ISI-OCN1-007	Pump 1A1 Suction Piping	0
ISI-OCN1-008	Pump 1A2 Suction Piping	0
ISI-OCN1-009	Pump 1B1 Suction Piping	0
ISI-OCN1-010	Pump 1B2 Suction Piping	0
ISI-OCN1-011	Pump 1A1 Discharge Piping	1
ISI-OCN1-012	Pump 1A2 Discharge Piping	1
ISI-OCN1-013	Pump 1B1 Discharge Piping	1
ISI-OCN1-014	Pump 1B2 Discharge Piping	1
ISI-OCN1-015	Pressurizer Spray Piping	1
ISI-OCN1-016	Pressurizer Spray Piping	0