

INSERVICE INSPECTION REPORT

UNIT 1 OCONEE 1993 REFUELING
OUTAGE 14

Location: Hwy 130/183, Seneca, South Carolina 29679

NRC Docket No. 50-269

Commercial Service Date: July 15, 1973

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

Revision 0

Prepared By: RLR Rouse Date 3/22/93
Reviewed By: J.M. Baughman Date 3/22/93
Approved By: J. Barlow Date 3/22/93

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FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTION S

As required by the Provisions of the ASME Code Rules

1. Owner: Duke Power Company, 422 S. Church St., Charlotte, NC 28201-1006
(Name and Address of Owner)
2. Plant: Oconee Nuclear Station, Highway 130/183, Seneca, SC 29679
(Name and Address of Plant)
3. Plant Unit: 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date: July 15, 1973 6. National Board Number for Unit N/A
7. Components Inspected: _____

[illegible]

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (back)

8. Examination Dates 9/26/91 to 2/5/93 9. Inspection Interval from 3/1/84 to 3/1/94
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See attached report.
11. Abstract of Conditions Noted. See attached report.
12. Abstract of Corrective Measures Recommended and Taken. See attached report.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date 3/22 19 93 Signed Duke Power Co. By [Signature]
Owner

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of N. C. and employed by *The HSBI&I Co. of Hartford, Ct have inspected the components described in this Owners Data Report during the period 9-26-91 to 2-5-93 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME code, Section XI.

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

Date 3-29-93 19 93

[Signature] Commissions NC914
Inspector's Signature National Board, State, Province and No.

*The Hartford Steam Boiler Inspection & Insurance Co.
200 Ashford Center North
Suite 300
Atlanta Ga., 30338

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C. A. Ireland
(AIA, Atlanta, GA)

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1.0 Summary of Inservice Inspection

This report describes the Inservice Inspection of Duke Power Company's Oconee Nuclear Station Unit 1 during the 1993 Refueling Outage (also referred to as Outage 14), which is in the Third Inspection Period of the Second Ten Year Interval.

Included in this report are the final Inservice Inspection Plan, the inspection results for each item, a summary for each category of examination and corrective action taken when unacceptable conditions were found. In addition, there is a section included for repairs and replacements required since September 26, 1991.

1.1 Class 1 Inspection

The Class 1 Inservice Inspection included examinations on the Reactor Vessel Shell to Flange Weld, and on the Reactor Vessel Threads in the Flange.

Examinations were performed on the Steam Generator 1B Upper Head to Tubesheet Weld, Letdown Cooler B Heat Exchanger Tubesheet to Shell Welds, and on the Letdown Cooler B Heat Exchanger Nozzle to Vessel Welds.

Dissimilar Metal Butt Welds on the Low Pressure Injection System and on the Reactor Coolant System were examined. Reactor Coolant System Valve Bolts, Studs and Nuts received a visual examination. Also, an examination was performed on a Low Pressure Injection (Core Flood and Decay Heat) System Valve Body.

Piping Welds on the Pressurizer Surge Line, Reactor Coolant, and High Pressure Injection Systems were examined.

Visual examinations were performed on the Class 1 Pressure boundary during System Pressure Tests. Also, visual examinations were performed on Class 1 Component Supports of the High Pressure Injection and Low Pressure Injection Systems, Reactor Vessel Support Skirt, and on Steam Generator 1A Support Skirt.

The Inconel 600 tubing in Steam Generators 1A and 1B was examined by eddy current during outage 14. The results of the examinations are shown in Section 5 of this report.

Reportable indications were identified on the Class 1 Steam Generator Tubing Examinations. Reference Section 5 of this report for additional information.

A detailed description of each examination is located in Section 3 of this report. Results of each examination are located in Section 4 of this report.

1.2 Class 2 Inspection

The Class 2 Inspections included examinations on Steam Generator 1A Circumferential Weld, Core Flood Tanks 1A and 1B Head to Shell Welds. Also, examinations were performed on Low Pressure Injection Coolers A and B Inlet and Outlet Nozzle to Shell Welds, Steam Generator 1A and 1B Outlet Nozzle to Shell Welds, and Core Flood Tanks 1A and 1B Outlet Nozzle to Shell Welds. In addition, integrally-welded piping attachments on the Main Steam, Feedwater, Low Pressure Injection, and Reactor Building Spray Systems received examinations.

Examinations were performed on circumferential butt welds located within the High Pressure Injection, Low Pressure Injection, Reactor Building Spray, Spent Fuel Cooling High Pressure Feedwater and Component Cooling Systems. Also, longitudinal welds of the Low Pressure Injection, Reactor Building Spray and Spent Fuel Cooling Systems were examined. In addition, Branch connection welds located within the Main Steam System were examined.

Visual examinations were performed on the Class 2 Pressure Boundary during System Pressure Tests. Also, visual examinations were performed on Class 2 Component Supports of the Main Steam, High Pressure Injection, Low Pressure Injection, Reactor Building Spray, and Component Cooling Systems.

No reportable indications were identified on the Class 2 Examinations shown in this section.

A detailed description of each examination is located in Section 3 of this report. Results of each examination are found in Section 4 of this report.

1.3 Augmented Inspection

Augmented examinations were performed on Reactor Coolant Pump 1A1 Flywheel, Pressurizer Surge Line Piping, Pressurizer Safe End Welds and on

the Auxiliary Feedwater Header.

1.4 **Alternate Examinations**

There were no alternate examinations performed at Oconee during Outage 14.

1.5 **Identification Numbers**

Owner: Duke Power Company, 422 S Church St., Charlotte, NC 28201

Plant: Oconee Nuclear Station, Highway 130/183, Seneca, SC 29679

Plant Unit: 1

Owner Certificate of Authorization: N/A

Commercial Service Date: 7-15-73

<u>Item</u>	<u>Manufacturer or Installer</u>	<u>Manufacturer or Installer Serial No.</u>	<u>State or Province No.</u>	<u>National Board No.</u>
Reactor Vessel	Babcock & Wilcox	620-0003-51-52	N/A	N-101
Steam Generator A	Babcock & Wilcox	620-0003-55-1	N/A	N-103
Steam Generator B	Babcock & Wilcox	620-0003-55-2	N/A	N-104
Pressurizer	Babcock & Wilcox	620-0003-59	N/A	N-102

1.6 **Authorized Nuclear Inservice Inspector(s)**

Name: M. B. Chapman

Employer: The Hartford Steam Boiler Inspection & Insurance
Company

Business Address: The Hartford Steam Boiler Inspection & Insurance Co.
200 Ashford Center North
Suite 300
Atlanta, GA 30338

PROGRAM: NISIRUNB-QA15102
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B16

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
OCONEE 1 CLASS 1 REPORTABLE ITEMS RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
B16.011.000	**** STEAM GENERATOR TUBING *****	=====	=====	***	*****	=====	=====	=====	***** STRIGHT TUBE DESIGN ***** *****
B16.011.001	1SGA-TUBES	B&W 129309E7	=====	ET	ISI-418	INCO	00.62 00.040	*****	* SELECT CAL. STANDARD PER VOL.1, SECT. 10.2
B16.011.002	1SGB-TUBES	B&W 129309E7	=====	ET	ISI-418	INCO	00.62 00.040	*****	* SELECT CAL. STANDARD PER VOL.1, SECT. 10.2

2.0 Status of Required Inspections

The completion status of inspections required by the 1980 ASME Code Section XI, including addenda through Winter 1980, is summarized in this section. The requirements are listed by the ASME Section XI Examination Category as defined in Table IWB-2500-1 for Class 1 Inspections, in Table IWC-2500-1 for Class 2 Inspections. Augmented and alternate inspections are also included.

Class 1 Inspections

<u>Section XI Category</u>	<u>Description</u>	<u>Inspections Required</u>	<u>Inspections Completed</u>	<u>Percentage Completed</u>	<u>Deferral Allowed</u>
B-A	Pressure Retaining Welds in Reactor Vessel	14 Welds	14 Welds	100%	Yes
B-B	Pressure Retaining Welds in Vessels Other than Reactor Vessel	15 Welds	15 Welds	100%	No
B-D	Full Penetration Welds of Nozzles in Vessels	60 Inspections	60 Inspections	100%	Partial
B-E	Pressure Retaining Partial Penetration Welds in Vessels	31 Welds	31 Welds	100%	No
B-F	Pressure Retaining Dissimilar Metal Welds	38 Welds	38 Welds	100%	No
B-G-1	Pressure Retaining Bolting Greater than 2 Inch Diameter	425 Items	420 Items	98.82%	Yes
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	39 Connections	39 Connections	100%	No
B-H	Integral Attachment for Vessels	12 Attachments	12 Attachments	100%	No
B-J	Pressure Retaining Welds in Piping	120 Welds	119 Welds	99.17%	No

Class 1 Inspections (Continued)

<u>Section XI Category</u>	<u>Description</u>	<u>Inspections Required</u>	<u>Inspections Completed</u>	<u>Percentage Completed</u>	<u>Deferral Allowed</u>
B-K-1	Integral Attachments for Piping, Pumps and Valves	3 Attachments	3 Attachments	100%	No
B-L-1	Pressure Retaining Welds in Pump Casings	1 Weld	None	0%	Yes
B-L-2	Pump Casings	1 Casing	None	0%	Yes
B-M-1	Pressure Retaining Welds in Valve Bodies	None	N/A	N/A	N/A
B-M-2	Valve Body > 4 in. Nominal Pipe Size	2 Valves	2 Valves	100%	Yes
B-N-1	Interior of Reactor Vessel	3 Items	3 Items	100%	No
B-N-2	Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels	None	N/A	N/A	N/A
B-N-3	Removable Core Support Structures	1 Item	1 Item	100%	Yes
B-O	Pressure Retaining Welds in Control Rod Housings	3 Housings	3 Housings	100%	Yes
B-P	All Pressure Retaining Components				No
	System Leakage Test	134 Components	115 Components	85.82%	
	System Hydrostatic Test	19 Components	17 Components	89.47%	
B-Q	Steam Generator Tubing	100% Station Technical Specifications Met			N/A
F1.01	Class 1 Component Supports	91 Supports	91 Supports	100%	No

Class 2 Inspections

Section XI <u>Category</u>	<u>Description</u>	<u>Inspections Required</u>	<u>Inspections Completed</u>	<u>Percentage Completed</u>	<u>Deferral Allowed</u>
C-A	Pressure Retaining Welds in Pressure Vessels	10 Welds	10 Welds	100%	No
C-B	Pressure Retaining Nozzle Welds in Vessels	5 Welds	5 Welds	100%	No
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	63 Attachments	63 Attachments	100%	No
C-D	Pressure Retaining Bolting Exceeding 2 Inches in Diameter	1 Item	1 Item	100%	No
C-F	Pressure Retaining Welds in Piping	251 Welds	251 Welds	100%	No
C-G	Pressure Retaining Welds in Pumps and Valves	None	N/A	N/A	N/A
C-H	All Pressure Retaining Components				No
	System or Component Functional Test	34 Components	27 Components	79.41%	
	System Hydrostatic Test	57 Components	39 Components	68.42%	
F1.02	Class 2 Component Supports	310 Supports	310 Supports	100%	No

Augmented Inspections

<u>Description</u>	<u>Percentage Complete</u>
Reactor Coolant Pump Flywheels	100% of Technical Specifications met
High Pressure Injection Nozzle Safe-ends	100% of requirements
Pressurizer Surge Piping Drain Nozzle	100% of requirements for Outages 11, 12, & 13
Thermal Stress Piping	100% of requirements
Pressurizer Spray Piping Thermal Transient	100% of requirements
Auxiliary Feedwater Heater (PSC-21-82) Water Hammer Examinations	100% of requirements for Outage 13

Alternate Inspections

<u>Description</u>	<u>Percentage Complete</u>
Main Feedwater Integrally - Welded Attachment (Item Number C03.040.038)	100% of requirements
Pressurizer Relief Valve Welds (Item Numbers E03.001.001 & E03.001.002).	100% of requirements

3.0 Final Inservice Inspection Plan For Outage 14

The final ISI Plan presented in this section lists all examinations credited for Outage 14 at Oconee Unit 1. This includes ASME Section XI Class 1 and 2, augmented and any alternate examinations required by the plant technical specifications, NRC Bulletins and Problem Investigation Reports.

The information shown below is a field description for the reporting format included in this section of the report:

Item Number	=	ASME Section XI Tables IWB-2500-1 (Class 1), IWC-2500-1 (Class 2), IWD-2500-1 (Class 3), IWF-2500-1 (Class 1, Class 2 and Class 3), Augmented and Alternate Requirements
ID Number	=	Unique Identification Number
Drawing Number	=	Location and/or Detail Drawing
Locs.	=	Location
Insp. Req.	=	Examination Technique - Magnetic Particle, Dye Penetrant, etc.
Proc. Numbers	=	Examination Procedures
Material Type/Grade	=	General Description of Material
Diam./Thick	=	Diameter/Thickness
Calib. Block	=	Calibration Block Number
Comments	=	General and/or Detail Description

PROGRAM: NISIRUNB-QA-102
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B01

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B01.011.000	REACTOR VESSEL	CIRCUMFERENTIAL***** SHELL WELDS*****	=====	***	*****	*****	— . —	*****	***** ***** *****
B01.012.000	REACTOR VESSEL	LONGITUDINAL***** SHELL WELDS*****	=====	***	*****	*****	— . —	*****	***** ***** *****
B01.021.000	REACTOR VESSEL	HEAD WELDS***** CIRCUMFERENTIAL*****	=====	***	*****	*****	— . —	*****	***** ***** *****
B01.030.000	REACTOR VESSEL	SHELL TO FLANGE WELD *****	=====	***	*****	*****	— . —	*****	***** ***** *****
B01.030.001B	1RPV-WR19	OM-201-1877 ISI-OCN1-001	=====	UT	NDE-650 ISI-187	CS	12.000	50304	PC. 7 TO 8, 180-360 DEG. FROM FLG. SURF. CAL. BLK. 50304 B&W REPORT 1183505A-0 INSP. 55.8% REF. RFR 93-1
B01.040.000	REACTOR VESSEL	HEAD TO FLANGE WELDS *****	=====	***	*****	*****	— . —	*****	***** ***** *****

PROGRAM: NISIRUNB-QA102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B02

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 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B02.011.000	***PRESSURIZER	SHELL TO HEAD WELDS CIRCUMFERENTIAL****	_____	***	*****	*****	_____ _____ _____	****	***** ***** *****
B02.012.000	***PRESSURIZER	WELDS***** LONGITUDINAL*****	_____	***	*****	*****	_____ _____ _____	****	***** ***** *****
B02.040.000	*****STEAM	GENERATORS TUBESHEET TO HEAD WELDS*****	_____	***	*****	*****	_____ _____ _____	****	***** ***** *****
B02.040.003	1SGB-WG58-1	OM-201-1873 ISI-OCN1-004	_____	UT	NDE-620 NDE-640	CS	08.500	40393	STEAM GEN 1B UPPER HEAD TO TUBESHEET PC 8 TO 51 INSP.RFO#14 PER IWB-2420(B)
B02.051.000	HEAT EXCHANGER	SHELL / HEAD WELDS CIRCUMFERENTIAL ****	***** ***** *****	***	***** ***** *****	*****	_____ _____ _____	_____	**** INSPECTOR TO RECORD **** ** COOLER S\N ON INSP. DATA **
B02.060.000	HEAT EXCHANGER	TUBESHEET TO SHELL** WELDS*****	_____	***	*****	*****	_____ _____ _____	****	**** INSPECTOR TO RECORD **** ** COOLER S\N ON INSP. DATA **
B02.060.007	1-LDCB-IN-V3	OM 201-3107	_____	UT	NDE-600	SS	08.62 00.875	40411	LDC-B INL.TUBE SHT\CHNL.BODY PC.3 TO 2,RECORD S\N,PSI OUT.9 BASELINE OUT.9 BASELINE OUT. 9
B02.060.008	1-LDCB-OUT-V4	OM 201-3107	_____	UT	NDE-600	SS	08.62 00.875	40411	LDC-B OUT.TUBE SHT\CHNL.BODY PC.3 TO 2,RECORD S\N,PSI OUT.9 BASELINE OUT.9 BASELINE OUT. 9

PROGRAM: NISIRUNB-QA10102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B03

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
B03.090.000	REACTOR VESSEL	NOZZLE TO VESSEL*** WELDS*****		***	*****				*****
B03.100.000	REACTOR VESSEL	*****NOZZLE INSIDE RADIUS SECTION*****		***	*****	*****		*****	*****
B03.110.000	***PRESSURIZER	NOZZLE TO VESSEL*** WELDS*****		***	*****	*****		*****	*****
B03.120.000	***PRESSURIZER	NOZZLE INSIDE RADIUS SECTION*****		***	*****	*****		*****	*****
B03.130.000	*****STEAM	GENERATOR NOZZLE TO VESSEL WELDS*****		***	*****	*****		*****	*****
B03.140.000	*****STEAM	GENERATOR NOZZLE INSIDE RADIUS*****		***	*****	*****		*****	*****
B03.150.000	HEAT EXCHANGER	NOZZLE TO VESSEL WELDS*****		***	*****	*****		*****	**** INSPECTOR TO RECORD **** ** COOLER S\N ON INSP. DATA **
B03.150.007	1-LDCB-IN-V1	OM 201-3107		UT	NDE-600	SS	03.00 00.875	40411	LDC-B TUBESIDE INL.N0Z. PC.5 TO 3, RECORD S\N (PSI OUT.9) BASELINE OUT.9 INSPECTED 94.04%

PROGRAM: NISIRUNB-4 002
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B03

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
B03.150.008	1-LDCB-OUT-V2	OM 201-3107	=====	UT	NDE-600	SS	03.00 00.875	40411	LDC-B TUBESIDE OUT.NOZ. PC.5 TO 3, RECORD S\N (PSI OUT.9) BASELINE OUT.9 INSPECTED 94.04%
B03.160.000	HEAT EXCHANGER	NOZZLE INSIDE RADIUS SECTION*****	=====	***	*****	*****	----- -----	*****	**** INSPECTOR TO RECORD ***** ** COOLER S\N ON INSP. DATA **

PROGRAM: NISIRUNB-Q 02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B04

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B04.012.000	*****PARTIAL	PENETRATION***** CRD NOZZLES*****	=====	***	*****	*****	---.	*****	INSPECT AND DOCUMENT 100 % OF NOZZLE WELDS ON NPD PROCEDURE
B04.013.000	*****PARTIAL	PENETRATION***** INSTRUMENTATION*****	=====	***	*****	*****	---.	*****	INSPECT AND DOCUMENT 100 % OF NOZZLE WELDS ON NPD PROCEDURE

PROGRAM: NISIRUNB-QA15102
 FILE: C007133
 PLANT: 00CONEE UNIT 1
 KEY: ITEM NUMBER B05

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 00CONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B05.010.000	REACTOR VESSEL	NOZZLE TO SAFE END** BUTT WELDS*****		***	*****	*****	___. ___.	*****	NOMINAL PIPE SIZE > 4 INCH**** *****
B05.020.000	***PRESSURIZER	NOZZLE TO SAFE END** BUTT WELDS*****		***	*****	*****	___. ___.	*****	NOMINAL PIPE SIZE > 4 INCH**** *****
B05.021.000	***** PRESSURIZER	NOZZLE-TO-SAFE END BUTT WELDS *****		***	*****		___. ___.		NOMINAL PIPE SIZE < 4 INCHES *****
B05.050.000	CLASS 1 PIPING	DISSIMILAR METAL**** BUTT WELDS*****		***	*****	*****	___. ___.	*****	NOMINAL PIPE SIZE 4 IN. & OVER *****
B05.050.010	1PHB-17	0M-201-603 ISI-0CN1-006		UT	NDE-610	CS/SS	12.75 01.125	40414	12" DECAY HEAT SUCTION NOZZLE SAFE END UT FROM NOZZLE SIDE INSPECTED 90.25%
B05.050.010A	1PHB-17	0M-201-603 ISI-0CN1-006		UT	NDE-610	CS/SS	12.75 01.125	40413	12" DECAY HEAT SUCTION NOZZLE SAFE END UT FROM PIPE SIDE INSPECTED 90.25%
B05.050.010B	1PHB-17	0M-201-603 ISI-0CN1-006		PT	NDE-35	CS/SS	12.75 01.125	-----	12" DECAY HEAT SUCTION FROM RCS NOZZLE SE OFF 1B HOT LEG
B05.050.013	1-53A-3-1A	SYS 53A ISO 3		UT	NDE-610	SS/IN	12.00 01.125	40414	DHR NOZ. SE TO TE, UT NOZ. SIDE INSP. WITH B05.050.010 INSPECTED 90.25%

PROGRAM: NISIRUNB-QA00102
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B05

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B05.050.013A	1-53A-3-1A	SYS 53A ISO 3		UT	NDE-610	SS/IN	12.00 01.125	40413	DHR NOZ. SE TO TE, UT PIPE SIDE INSP. WITH B05.050.010A INSPECTED 90.25%
B05.050.013B	1-53A-3-1A	SYS 53A ISO 3		PT	NDE-35	SS/IN	12.00 01.125		DECAY HEAT NOZ. SE TO PIPE INSP. WITH B05.050.010B
B05.051.000	CLASS 1 PIPING	DISSIMILAR METAL*** BUTT WELDS*****		***	*****	*****	---	*****	NOMINAL PIPE SIZE < 4 INCH*** *****

PROGRAM: NISIRUNB-Q 202
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B06

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B06.010.000	REACTOR VESSEL	CLOSURE HEAD NUTS*** *****	_____	***	*****	*****	_____ _____	*****	***** *****
B06.030.000	REACTOR VESSEL	CLOSURE STUDS***** *****	_____	***	*****	*****	_____ _____	*****	WHEN REMOVED***** *****
B06.040.000	REACTOR VESSEL	THREADS IN FLANGE*** *****	_____	***	*****	*****	_____ _____	*****	***** *****
B06.040.001A	1RPV LIGAMENTS	OM 201-1007 -----	_____	UT	NDE-640	CS	12.500	40387	THREADS IN REACTOR VESSEL FLANGE 180 TO 360 DEGREES INSP 84.5% REF. RFR 93-1
B06.050.000	REACTOR VESSEL	CLOSURE WASHERS AND* BUSHINGS*****	_____	***	*****	*****	_____ _____	*****	***** *****
B06.060.000	***PRESSURIZER	BOLTING***** *****	_____	***	*****	*****	_____ _____	*****	***** *****
B06.070.000	***PRESSURIZER	FLANGE SURFACES***** *****	_____	***	*****	*****	_____ _____	*****	INSPECT WHEN CONNECTION DISASSEMBLED
B06.080.000	***PRESSURIZER	NUTS, BUSHINGS, AND WASHERS*****	_____	***	*****	*****	_____ _____	*****	***** *****

PROGRAM: NISIRUNB-0002
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B06

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B06.180.000	*CLASS 1 PUMPS	BOLTS AND STUDS***** *****	_____	***	*****	*****	_____ _____ _____	*****	GREATER THAN 2 INCH***** ***** _____ _____
B06.190.000	*CLASS 1 PUMPS	FLANGE SURFACE***** *****	_____	***	*****	*****	_____ _____ _____	*****	WHEN CONNECTION DISASSEMBLED** ***** _____ _____
B06.200.000	*CLASS 1 PUMPS	NUTS, BUSHINGS, AND WASHERS*****	_____	***	*****	*****	_____ _____ _____	*****	***** ***** _____ _____

PROGRAM: NISIRUNB-QA-0102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B07

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B07.020.000	***PRESSURIZER	BOLTS,STUDS,AND NUTS *****	_____	***	*****	*****	____	*****	***** ***** *****
B07.030.000	*****STEAM	GENERATOR***** BOLTS,STUDS,AND NUTS	_____	***	*****	*****	____	*****	***** ***** *****
B07.060.000	*CLASS 1 PUMPS	BOLTS,STUDS,AND NUTS *****	_____	***	*****	*****	____	*****	***** ***** *****
B07.070.000	CLASS 1 VALVES	BOLTS,STUDS,AND NUTS *****	_____	***	*****	*****	____	*****	***** ***** *****
B07.070.019	1-50-LP-131	OM-245-1085	_____	VT1	QAL-13	_____	01.50	_____	AUX. PRESS. SPRAY LINE , VLV. LP-131 BOLTING (REPLACES LP45)
B07.080.000	**CRD HOUSINGS	BOLTS,STUDS,AND NUTS *****	_____	***	*****	*****	____	*****	INSPECT ONLY IF HOUSING IS*** DISASSEMBLED*****

PROGRAM: NISIRUNB-00102
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B08

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B08.020.000	***PRESSURIZER	INTEGRALLY WELDED*** ATTACHMENTS*****	_____	***	*****	*****	____.	****	***** ***** *****
B08.030.000	STEAM GEN.	***INTEGRALLY WELDED ATTACHMENTS*****	_____	***	*****	*****	____.	****	***** ***** *****

PROGRAM: NISIRUNB-0002
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B09

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B09.011.000	*****	PIPING CIRCUMFERENTIAL***** WELDS*****	_____	***	*****	*****	_____ _____ _____	*****	NOMINAL PIPE SIZE 4 IN. & OVER *****
B09.011.114	1PSL-2	ISI-OCN1-015	_____	UT	NDE-600	SS	10.75 01.000	40399	SELECTION CRITERIA 4.2.1
B09.011.114A	1PSL-2	ISI-OCN1-015	_____	PT	NDE-35	SS	10.75 01.000	_____	SELECTION CRITERIA 4.2.1
B09.011.115	1PSL-3	ISI-OCN1-015	_____	UT	NDE-600	SS	10.75 01.000	40399	SELECTION CRITERIA 4.2.1
B09.011.115A	1PSL-3	ISI-OCN1-015	_____	PT	NDE-35	SS	10.75 01.000	_____	SELECTION CRITERIA 4.2.1
B09.011.116	1PSL-4	ISI-OCN1-015	_____	UT	NDE-600	SS	10.75 01.000	40399	SELECTION CRITERIA 4.2.1
B09.011.116A	1PSL-4	ISI-OCN1-015	_____	PT	NDE-35	SS	10.75 01.000	_____	SELECTION CRITERIA 4.2.1
B09.011.117	1PSL-6	ISI-OCN1-015	_____	UT	NDE-600	SS	10.75 01.000	40399	SELECTION CRITERIA 4.2.1

PROGRAM: NISIRUNB-000002
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B09

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B09.011.117A	1PSL-6	ISI-OCN1-015		PT	NDE-35	SS	10.75 01.000		SELECTION CRITERIA 4.2.1
B09.012.000	*****	PIPING LONGITUDINAL***** WELDS*****		***	*****	*****	--- ---	*****	NOMINAL PIPE SIZE 4 IN. & OVER *****
B09.021.000	*****	PIPING CIRCUMFERENTIAL***** WELDS*****		***	*****	*****	--- ---	*****	NOMINAL PIPE SIZE ***** 4 IN. & SMALLER *****
B09.021.044	1-51A-10-21	SYS 51A ISO 10 PO-101B-1		PT	NDE-35	SS	02.50 00.375	----	1B2 HIGH PRESSURE INJECTION
B09.021.045	1-51A-10-17	SYS 51A ISO 10 PO-101B-1		PT	NDE-35	SS	02.50 00.375	----	1B2 HIGH PRESSURE INJECTION
B09.021.046	1-51A-10-10	SYS 51A ISO 10 PO-101B-1		PT	NDE-35	SS	02.50 00.375	----	1B2 HIGH PRESSURE INJECTION
B09.021.047	1-51A-10-07	SYS 51A ISO 10 PO-101B-1		PT	NDE-35	SS	02.50 00.375	----	1B2 HIGH PRESSURE INJECTION
B09.021.048	1-51A-10-06	SYS 51A ISO 10 PO-101B-1		PT	NDE-35	SS	02.50 00.375	----	1B2 HIGH PRESSURE INJECTION

PROGRAM: NISIRUNB-QA15102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B09

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B09.021.049	1-51A-10-02	SYS 51A ISO 10 PG-101B-1	_____	PT	NDE-35	SS	02.50 00.375	-----	1B2 HIGH PRESSURE INJECTION
B09.021.086	1-51A-135-10B	SYS 51A ISO 135	_____	PT	NDE-35	SS	03.00 00.438	-----	TERMINAL END BASELINE OUTAGE 8 BASELINE OUTAGE 8
B09.031.000	***** BRANCH PIPE	CONNECTION WELDS *** *****	_____	***	*****	*****	___	*****	NOMINAL PIPE SIZE ***** 4 INCHES & OVER *****
B09.031.002	1PHB-16	ISI OCN1-006 B&W 131918E6	_____	UT	NDE-600	CS	23.00 03.000	40350	B HOT LEG DECAY HEAT NOZZLE SEE REQUEST FOR RELIEF ONS-003 INSPECTED 90.98%
B09.031.002A	1PHB-16	ISI OCN1-006 B&W 131918E6	_____	PT	NDE-35	CS	23.00 03.000	-----	B HOT LEG DECAY HEAT NOZZLE PC 34 TO 32
B09.032.000	***** BRANCH PIPE	CONNECTION WELDS *** *****	_____	***	*****	*****	___	*****	NOMINAL PIPE SIZE ***** LESS THAN 4 INCHES *****
B09.040.000	***** SOCKET WELDS	***** *****	_____	***	*****	*****	___	*****	***** *****
B09.040.004	1-50-127-19	SYS 50 ISO 127	_____	PT	NDE-35	SS	01.50 00.281	-----	AUX. PRESSURIZER SPRAY LINE SOCKET WELD

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B09

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B09.040.005	1-50-127-16B	SYS 50 ISO 127	_____	PT	NDE-35	SS	01.50 00.281	-----	AUX. PRESSURIZER SPRAY LINE SOCKET WELD
B09.040.006	1-50-127-12	SYS 50 ISO 127	_____	PT	NDE-35	SS	01.50 00.281	-----	AUX. PRESSURIZER SPRAY LINE SOCKET WELD
B09.040.007	1-50-127-23	SYS 50 ISO 127	_____	PT	NDE-35	SS	01.50 00.281	-----	AUX. PRESSURIZER SPRAY LINE SOCKET WELD

PROGRAM: NISIRUNB-Q-1202
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B12

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B12.010.000	CLASS 1 PUMPS	CASING WELDS***** *****	_____	***	*****	*****	_____ _____	*****	***** *****
B12.020.000	CLASS 1 PUMP	CASINGS***** *****	_____	***	*****	*****	_____ _____	*****	***** *****
B12.040.000	CLASS 1 VALVE	BODIES EXCEEDING**** 4 INCH NPS*****	_____	***	*****	*****	_____ _____	*****	INSPECT IF DISASSEMBLED *****
B12.040.004	1-53A-CF-14	OM-245-001 -----	_____	VT3	QAL-14	-----	14.00 _____	-----	B-SIDE CORE FLOOD (Y-AXIS) VALVE BODY ID# VALVE CF-14

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B12

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B12.010.000	CLASS 1 PUMPS	CASING WELDS***** *****		***	*****	*****	---.---	*****	***** *****
B12.020.000	CLASS 1 PUMP	CASINGS***** *****		***	*****	*****	---.---	*****	***** *****
B12.040.000	CLASS 1 VALVE	BODIES EXCEEDING*** 4 INCH NPS*****		***	*****	*****	---.---	*****	INSPECT IF DISASSEMBLED *****
B12.040.004	1-53A-CF-14	OM-245-001 -----			VT3 QAL-14	-----	14.00 ---.---	-----	B-SIDE CORE FLOOD (Y-AXIS) VALVE BODY ID# VALVE CF-14

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B13

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
B13.010.000	REACTOR VESSEL	VESSEL INTERIOR***** *****	_____	***	*****	*****	____.	*****	***** ***** *****
			=====		=====	=====	____.		
			=====						

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B14.010.000	REACTOR VESSEL	CRD HOUSING WELDS*** *****	_____	***	*****	*****	_____ _____ _____	*****	INSPECT IF DISASSEMBLED ***** _____ _____

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B15

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B15.010.000	REACTOR VESSEL	PRESSURE RETAINING** BOUNDARY*****	_____	***	*****	*****	_____ _____ _____	*****	***** ***** *****
B15.011.000	REACTOR VESSEL	PRESSURE RETAINING** BOUNDARY*****	_____	***	*****	*****	_____ _____ _____	*****	***** ***** *****
B15.011.001	IRPV-HYDRO	OFD-100A-1.1	_____	VT2	QAL-15 ISI-350	_____	_____ _____ _____	_____	REACTOR VESSEL SYS HYDRO TEST
B15.020.000	***PRESSURIZER	PRESSURE RETAINING** BOUNDARY*****	_____	***	*****	*****	_____ _____ _____	*****	***** ***** *****
B15.021.000	***PRESSURIZER	PRESSURE RETAINING** BOUNDARY*****	_____	***	*****	*****	_____ _____ _____	*****	***** ***** *****
B15.021.001	1PZR-HYDRO	OFD-100A-1.2	_____	VT2	QAL-15 ISI-350	_____	_____ _____ _____	_____	PRESSURIZER SYS HYDRO TEST
B15.030.000	*****STEAM	GENERATORS PRESSURE* RETAINING BOUNDARY**	_____	***	*****	*****	_____ _____ _____	*****	***** ***** *****
B15.031.000	*****STEAM	GENERATORS PRESSURE* RETAINING BOUNDARY**	_____	***	*****	*****	_____ _____ _____	*****	***** ***** *****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B15

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B15.031.001	1SGA-HYDRØ	ØFD-100A-1.1		VT2	QAL-15 ISI-350		-. --		STEAM GEN. A SYS HYDRØ TEST
B15.031.002	1SGB-HYDRØ	ØFD-100A-1.1		VT2	QAL-15 ISI-350		-. --		STEAM GEN.B SYS HYDRØ TEST
B15.040.000	HEAT EXCHANGER	PRESSURE RETAINING BOUNDARY					-. --		***** *****
B15.041.000	HEAT EXCHANGER	PRESSURE RETAINING BOUNDARY					-. --		***** *****
B15.041.001	1LDC1A-HYDRØ	ØFD-101A-1.1		VT2	QAL-15 ISI-350		-. --		CØØLER 1A SYS HYDRØ TEST
B15.041.002	1LDC1B-HYDRØ	ØFD-101A-1.1		VT2	QAL-15 ISI-350		-. --		CØØLER 1B SYS HYDRØ TEST
B15.050.000	CLASS 1 PIPING	PRESSURE RETAINING** BOUNDARY*****		***	*****	*****	-. --	*****	***** *****
B15.050.001A	1-ØFD-100A-1.2	ØFD-100A-1.2		VIS	ISI-350 QCL-15		-. --		CLASS A SYS LEAK TEST-INCLUDES DWG. NO. 0-422BB-4

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B15

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B15.050.004	1-OFD-102A-1.1	OFD-102A-1.1	_____	VIS	ISI-350	_____	____	_____	CLASS A SYSTEM LEAK TEST ALT. EXAM QCL-15 VT2 MAY BE USED
B15.051.001	1-OFD-100A-1.1	OFD-100A-1.1	_____	VT2	QAL-15 ISI-350	_____	____	_____	CLASS A SYS HYDRØ TEST - INCL DWG 0-422BB-1A,1B,2,3,& 6 1B,2,3,5,& 6
B15.051.001A	1-OFD-100A-1.2	OFD-100A-1.2	_____	VT2	QAL-15 ISI-350	_____	____	_____	CL. A SYS HYDRØ TEST INCLUDES DWG. NO. 0-422BB-4 PARTIAL
B15.051.002	1-OFD-101A-1.1	OFD-101A-1.1	_____	VT2	QAL-15 ISI-350	_____	____	_____	CL. A SYS. HYDRØ TEST
B15.051.003	1-OFD-101A-1.4	OFD-101A-1.4	_____	VT2	QAL-15 ISI-350	_____	____	_____	CLASS A SYS HYDRØ TEST- INCLUDES DWG NO. 0-422X-51
B15.051.004	1-OFD-102A-1.1	OFD-102A-1.1	_____	VT2	QAL-15 ISI-350	_____	____	_____	CL.A SYS. HYDRØ TEST PARTIAL
B15.051.005	1-OFD-102A-1.2	OFD-102A-1.2	_____	VT2	QAL-15 ISI-350	_____	____	_____	CL. A SYS. HYDRØ TEST
B15.051.006	1-OFD-102A-1.3	OFD-102A-1.3	_____	VT2	QAL-15 ISI-350	_____	____	_____	CL. A SYS. HYDRØ TEST

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER B15

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B15.051.007	1-OFD-110A-1.1	OFD-110A-1.1		VT2	QAL-15 ISI-350				CL. A SYS. HYDRØ TEST
B15.051.009	1-OFD-110A-1.4	OFD-110A-1.4		VT2	QAL-15 ISI-350				CL. A SYS. HYDRØ TEST
B15.060.000	*CLASS 1 PUMPS	PRESSURE RETAINING** BOUNDARY*****		***	*****	*****		*****	***** *****
B15.061.000	*CLASS 1 PUMPS	PRESSURE RETAINING** BOUNDARY*****		***	*****	*****		*****	***** *****
B15.061.001	1-RCP-1A1	OFD-100A-1.1		VT2	QAL-15 ISI-350				RCP 1A1 SYS HYDRØ TEST
B15.061.002	1-RCP-1A2	OFD-100A-1.1		VT2	QAL-15 ISI-350				RCP 1A2 SYS HYDRØ TEST
B15.061.003	1-RCP-1B1	OFD-100A-1.1		VT2	QAL-15 ISI-350				RCP 1B1 SYS HYDRØ TEST
B15.061.004	1-RCP-1B2	OFD-100A-1.1		VT2	QAL-15 ISI-350				RCP 1B2 SYS HYDRØ TEST

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B15

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B15.070.000	CLASS 1 VALVES	PRESSURE RETAINING** BOUNDARY*****	_____	***	*****	*****	____	*****	COVERED IN B15.050.000 *****

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B16

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B16.011.000	**** STEAM GENERATOR	TUBING *****		***	*****				***** STRIGHT TUBE DESIGN ***** *****
B16.011.001	1SGA-TUBES	B&W 129309E7		ET	ISI-418	INCØ	00.62 00.040	*****	* SELECT CAL. STANDARD PER VOL.1, SECT. 10.2
B16.011.002	1SGB-TUBES	B&W 129309E7		ET	ISI-418	INCØ	00.62 00.040	*****	* SELECT CAL. STANDARD PER VOL.1, SECT. 10.2

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER C01

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C01.010.000	*****SHELL	CIRCUMFERENTIAL***** WELDS*****	_____	***	*****	*****	____	*****	***** PRESSURE VESSELS ***** *****
C01.010.003	1SGA-WG8-3	OM-201-1873 ISI-OCN1-003	_____	UT	NDE-620 NDE-640	CS	04.188	40339	GEN A NOZ BELT TO SHELL PC 3 TO 2 INSPECTED 91.5%
C01.020.000	*****HEAD	CIRCUMFERENTIAL***** WELDS*****	_____	***	*****	*****	____	*****	***** PRESSURE VESSELS ***** *****
C01.020.001	1-CFTA-UH-SHL	OM-201-1021	_____	UT	NDE-620 NDE-640	CS	02.375	40410	CORE FLD TK 1CF-T1A TOP HEAD TO SHELL PC 10 TO 12 INSPECTED 96.5%
C01.020.005	1CFTB-LH-SHL	OM-201-1021	_____	UT	NDE-620 NDE-640	CS	02.375	40410	CORE FLOOD TANK 1CF-T1B BOT. HEAD TO SHELL PC 11 TO 12 INSPECTED 98.8%
C01.030.000	*****CLASS 2	TUBESHEET TO SHELL WELDS*****	_____	***	*****	*****	____	*****	***** PRESSURE VESSELS ***** *****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: O'CONNOR UNIT 1
 KEY: ITEM NUMBER C02

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
C02.010.000	***** NOZZLES	IN VESSELS ***** *****		***	*****	*****	---	*****	1/2" NOMINAL THICKNESS AND ***** LESS*****
C02.010.001	1LPCA-INLET	B&W 3643-004-00 -----		PT	NDE-35	SS	00.500	-----	LP COOLER A INLET NOZZLE TO SHELL (REF. PIR 4-091-0093)
C02.010.002	1LPCA-OUTLET	B&W 36-43-004-00 OM-201-0286 -----		PT	NDE-35	SS	00.500	-----	LP COOLER A OUTLET NOZZLE TO SHELL (REF. PIR 4-091-0093)
C02.010.003	1LPCB-INLET	B&W 3643004-00 -----		PT	NDE-35	SS	00.500	-----	LP COOLER B INLET NOZZLE TO SHELL (REF. PIR 4-091-0093)
C02.010.004	1LPCB-OUTLET	B&W 3643004-00 -----		PT	NDE-35	SS	00.500	-----	LP COOLER B OUTLET NOZZLE TO SHELL (REF. PIR 4-091-0093)
C02.021.000	*****NOZZLE	TO SHELL OR HEAD***** WELDS*****		***	*****	*****	---	*****	***** *****
C02.021.001A	1SGA-WG23-1	OM-201-1873 ISI-OCN1-003 -----		MT	NDE-25	CS	29.00 06.625	-----	GEN A STM OUTLET NOZZLE W-X AXIS PC 14 TO 3
C02.021.002A	1SGA-WG23-2	OM-201-1873 ISI-OCN1-003 -----		MT	NDE-25	CS	29.00 06.625	-----	INSP RFO #13 PER IWC 2430(A) AXIS PC 14 TO 3 ADDED PER IWC-2430(A) RFO #13

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 1
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C02.021.003A	ISGB-WG23-1	OM-201-1873 ISI-OCN1-004	_____	MT	NDE-25	CS	29.00 06.625	-----	GEN B STM OUTLET NOZZLE W-X AXIS PC 14 TO 3
C02.021.004A	ISGB-WG23-2	OM-201-1873 ISI-OCN1-004	_____	MT	NDE-25	CS	29.00 06.625	-----	GEN B STM OUTLET NOZZLE X-Y AXIS PC 14 TO 3
C02.021.005A	1-CFTA-OUTLET	OM-201-1021	_____	MT	NDE-25	CS	18.18 05.750	-----	CORE FLD TK 1CF-T1A OUTLET NOZZLE PC 6 TO 11
C02.021.006A	1-CFTB-OUTLET	OM-201-1021	_____	MT	NDE-25	CS	20.50 02.875	-----	CORE FLD TK 1CF-T1B OUTLET NOZZLE PC 6 TO 11
C02.022.000	*****NOZZLE	INSIDE RADIUS***** SECTION*****	_____	***	*****	*****	--- ---	*****	***** ***** *****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER C03

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
C03.010.000	***** PRESSURE	VESSELS INTEGRALLY** WELDED ATTACHMENTS**	_____	***	*****	*****	____	*****	***** ***** *****
C03.040.000	*** CLASS 2 PIPING	INTEGRALLY WELDED ** ATTACHMENTS *****	_____	***	*****	_____	____	_____	***** ***** *****
C03.040.008	1-01A-R3	0-550 -----	_____	MT	NDE-25	CS	00.750	-----	MAIN STEAM A - RIGID 1-01A-0-550-R3 INSP.RFO #11 PER IWC-2430(A)
C03.040.012	1-01A-H4A	0-481A _____	_____	MT	NDE-25	_____	26.12	_____	MAIN STEAM A - RIGID 01A-0-481A-H4A
C03.040.013	1-01A-H5A	0-481A _____	_____	MT	NDE-25 NDE-35	_____	26.12	_____	MAIN STEAM A - SPRING 01A-0-481A-H5A/PT INSP ALSO OK
C03.040.014	1-01A-R13	0-550 _____	_____	MT	NDE-25	_____	36.50	_____	MAIN STEAM - RIGID 1-01A-1-0-550-R13
C03.040.015	1-01A-H4B	0-481A _____	_____	MT	NDE-25	_____	26.12	_____	MAIN STEAM B - RIGID 01A-0-481A-H4B
C03.040.016	1-53B-H2	0-444 _____	_____	PT	NDE-35	_____	10.00	_____	DECAY HEAT - SPRING 1-53B-5-0-444-H2

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER C03

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C03.040.019	1-01A-H7A	0-481B		MT	NDE-25	CS	01.750		M.S.A.-SPRING 01A-0-481B-H7A D.E. STRESS CALC. OSC-1296-06
C03.040.020	1-01A-H2A	0-481A		MT	NDE-25	CS	00.750		M.S.A.-RIGID 01A-0-481A-H2A D.E. STRESS CALC. OSC-1296-06
C03.040.039	1-54A-R8	0-435B		PT	NDE-35		08.00		RB SPRAY-SWAY STRUT 1-54A-3-0-435B-R8
C03.040.060	1-54A-H33	0-435B		PT	NDE-35	SS	10.00 01.000	----	REACTOR BLDG. SPRAY - SPRING 1-54A-1-0-435B-H33
C03.040.074	1-03-H11B	0-481A		PT	NDE-35		01.00		MAIN FDWTR B - RIGID 03-0-481A-H11B WORK REQUEST REQUIRED

PROGRAM: NISIRUNB-QA13102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER C05

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C05.012.052	1-56-02-31ACL	SYS 56 ISO 2	_____	PT	NDE-35	SS	08.00 00.148	_____	LONG SEAM FOR C05.011.252
C05.012.053	1-53B-6.4-50KL	SYS 53B ISO 6.4	_____	PT	NDE-35	SS	10.00 00.250	_____	LONG SEAM FOR C05.011.017
C05.012.054	1-53B-6.4-47KL	SYS 53B ISO 6.4	_____	PT	NDE-35	SS	10.00 00.250	_____	LONG SEAM FOR C05.011.018
C05.012.055	1-53B-1.1-B12L	SYS 53B ISO 1.1	_____	PT	NDE-35	SS	14.00 00.250	_____	LONG SEAM FOR C05.011.079A
C05.012.056	1-54A-4.1-23CL	SYS 54A ISO 4.1	_____	PT	NDE-35	SS	08.00 00.250	_____	LONG SEAM FOR C05.011.212
C05.012.057	1-53B-6.4-43KL	SYS 53B ISO 6.4	_____	PT	NDE-35	SS	10.00 00.250	_____	LONG SEAM FOR C05.011.019
C05.012.058	1-53B-6.4-43KL1	SYS 53B ISO 6.4	_____	PT	NDE-35	SS	10.00 00.250	_____	LONG SEAM FOR C05.011.019 ON 90 DEGREE ELBOW
C05.021.000	***** CLASS 2 PIPING	CIRCUMFERENTIAL***** WELDS*****	_____	***	*****	*****	_____ _____	*****	GREATER THAN 1/2 IN. ***** NOMINAL WALL THICKNESS *****

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C05

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C05.011.000	*** CLASS 2 PIPING	CIRCUMFERENTIAL WELD *****		***	*****	*****	--- ---	*****	NOMINAL WALL THICKNESS ***** 1/2 IN. OR LESS *****
C05.011.001	1-53B-08-130KF	SYS 53B ISO 8		PT	NDE-35	SS	10.00 00.250	----	
C05.011.002	1-53B-08-130KC	SYS 53B ISO 8		PT	NDE-35	SS	10.00 00.250	----	
C05.011.003	1-53B-08-127K	SYS 53B ISO 8		PT	NDE-35	SS	10.00 00.250	----	
C05.011.016	1-53B-6.4-55K	SYS 53B ISO 6.4		PT	NDE-35	SS	10.00 00.250	----	
C05.011.017	1-53B-6.4-50K	SYS 53B ISO 6.4		PT	NDE-35	SS	10.00 00.250	----	
C05.011.018	1-53B-6.4-47K	SYS 53B ISO 6.4		PT	NDE-35	SS	10.00 00.250	----	
C05.011.019	1-53B-6.4-43K	SYS 53B ISO 6.4		PT	NDE-35	SS	10.00 00.250	----	

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: O'CONNOR UNIT 1
KEY: ITEM NUMBER C05

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C05.011.045	1-53B-3.3-29F	SYS 53B ISO 3.3		PT	NDE-35	SS	10.00 00.250		
C05.011.046	1-53B-3.3-17F	SYS 53B ISO 3.3		PT	NDE-35	SS	10.00 00.250		
C05.011.061	1-53B-3.3-14F	SYS 53B ISO 3.3		PT	NDE-35	SS	10.00 00.250		
C05.011.062	1-53B-3.3-12F	SYS 53B ISO 3.3		PT	NDE-35	SS	10.00 00.250		
C05.011.063	1-53B-3.3-4F	SYS 53B ISO 3.3		PT	NDE-35	SS	10.00 00.250		
C05.011.064	1-53B-3.3-1F	SYS 53B ISO 3.3		PT	NDE-35	SS	08.00 00.250		TERMINAL END
C05.011.079	1-53B-1.1-B27B	SYS 53B ISO 1.1		PT	NDE-35	SS	14.00 00.250		
C05.011.079A	1-53B-1.1-B12	SYS 53B ISO 1.1		PT	NDE-35	SS	14.00 00.250		SELECTION CRITERIA 5.2

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C05

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
C05.011.080	1-53B-1.1-B28	SYS 53B ISO 1.1 ----- =====	=====	PT	NDE-35	SS	14.00 00.250	-----	SELECTION CRITERIA 5.2 ----- =====
C05.011.081	1-53B-1.1-B33A	SYS 53B ISO 1.1 ----- =====	=====	PT	NDE-35	SS	14.00 00.250	-----	----- ----- =====
C05.011.083A	1-53B-2.2-A32	SYS 53B ISO 2.2 ----- =====	=====	PT	NDE-35	SS	14.00 00.250	-----	SELECTION CRITERIA 5.2 ----- =====
C05.011.084	1-53B-2.2-A33	SYS 53B ISO 2.2 ----- =====	=====	PT	NDE-35	SS	14.00 00.250	-----	SELECTION CRITERIA 5.2 ----- =====
C05.011.084A	1-53B-2.2-A29	SYS 53B ISO 2.2 ----- =====	=====	PT	NDE-35	SS	14.00 00.250	-----	SELECTION CRITERIA 5.2 ----- =====
C05.011.085	1-53B-2.2-A30	SYS 53B ISO 2.2 ----- =====	=====	PT	NDE-35	SS	14.00 00.250	-----	SELECTION CRITERIA 5.2 ----- =====
C05.011.085A	1-53B-2.2-A31	SYS 53B ISO 2.2 ----- =====	=====	PT	NDE-35	SS	14.00 00.250	-----	SELECTION CRITERIA 5.2 ----- =====
C05.011.095	1-53B-10-B71	SYS 53B ISO 10 ----- =====	=====	PT	NDE-35	SS	12.00 00.180	-----	----- ----- =====

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C05

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C05.011.200	1-54A-1.2-3B	SYS 54A ISO 1.2	_____	PT	NDE-35	SS	10.00 00.250	----	----- ----- ----- -----
C05.011.208	1-54A-3.1-7C	SYS 54A ISO 3.1	_____	PT	NDE-35	SS	08.00 00.250	----	----- ----- ----- -----
C05.011.212	1-54A-4.1-23C	SYS 54A ISO 4.1	_____	PT	NDE-35	SS	08.00 00.250	----	----- ----- ----- -----
C05.011.216	1-54A-4.2-37C	SYS 54A ISO 4.2	_____	PT	NDE-35	SS	08.00 00.250	----	----- ----- ----- -----
C05.011.223	1-54A-1.3-26B	SYS 54A ISO 1.3	_____	PT	NDE-35	SS	10.00 00.250	----	----- ----- ----- -----
C05.011.229	1-54A-3.2-17B	SYS 54A ISO 3.2	_____	PT	NDE-35	SS	08.00 00.250	----	----- ----- ----- -----
C05.011.236	1-54A-4.3-77C	SYS 54A ISO 4.3	_____	PT	NDE-35	SS	08.00 00.250	----	----- ----- ----- -----
C05.011.239	1-54A-4.3-86C	SYS 54A ISO 4.3	_____	PT	NDE-35	SS	08.00 00.250	----	----- ----- ----- -----

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C05

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C05.011.250	1-56-02-28A	SYS 56 ISO 2		PT	NDE-35	SS	08.00 00.148		
C05.011.251	1-56-02-31AB	SYS 56 ISO 2		PT	NDE-35	SS	08.00 00.148		
C05.011.252	1-56-02-31AC	SYS 56 ISO 2		PT	NDE-35	SS	08.00 00.148		
C05.011.260	1-51A-1.1-18A	SYS 51A ISO 1.1		PT	NDE-35	SS	06.00 00.280		
C05.011.262	1-51A-1.1-2A	SYS 51A ISO 1.1		PT	NDE-35	SS	06.00 00.280		
C05.011.263	1-51A-1.1-24A	SYS 51A ISO 1.1		PT	NDE-35	SS	06.00 00.280		
C05.011.269	1-51A-1.2-61A	SYS 51A ISO 1.2		PT	NDE-35	SS	06.00 00.280		
C05.011.317	1-03A-5-98	SYS 03A ISO 5		MT	NDE-25	CS	06.00 00.432		

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C05.011.401	1-55-03-88	SYS 55 ISO 03		MT	NDE-25	CS	08.00 00.322		BASELINE OUTAGE 10
C05.011.402	1-55-05-48A	SYS 55 ISO 05		MT	NDE-25	CS	06.00 00.280		
C05.011.403	1-55-05-49	SYS 55 ISO 05		MT	NDE-25	CS	06.00 00.280		
C05.012.000	***** CLASS 2 PIPING	LONGITUDINAL WELDS * *****		***	*****	*****	--- ---	*****	NOMINAL WALL THICKNESS ***** 1/2 IN. OR LESS *****
C05.012.032	1-53B-08-130KFL	SYS 53B ISO 8		PT	NDE-35	SS	10.00 00.250		LONG SEAM FOR C05.011.001
C05.012.033	1-53B-08-130KCL	SYS 53B ISO 8		PT	NDE-35	SS	10.00 00.250		LONG SEAM FOR C05.011.002
C05.012.034	1-53B-08-127KL	SYS 53B ISO 8		PT	NDE-35	SS	10.00 00.250		LONG SEAM FOR C05.011.003
C05.012.035	1-53B-3.3-29FL	SYS 53B ISO 3.3		PT	NDE-35	SS	10.00 00.250		LONG SEAM FOR C05.011.045

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C05.012.036	1-53B-3.3-17FL	SYS 53B ISO 3.3	_____	PT	NDE-35	SS	10.00 00.250	_____	LONG SEAM FOR C05.011.046
C05.012.037	1-53B-3.3-14FL	SYS 53B ISO 3.3	_____	PT	NDE-35	SS	10.00 00.250	_____	LONG SEAM FOR C05.011.061
C05.012.038	1-53B-3.3-12KL	SYS 53B ISO 3.3	_____	PT	NDE-35	SS	10.00 00.250	_____	LONG SEAM FOR C05.011.062
C05.012.039	1-53B-1.1-B27BL	SYS 53B ISO 1.1	_____	PT	NDE-35	SS	14.00 00.250	_____	LONG SEAM FOR C05.011.079
C05.012.040	1-53B-1.1-B28L	SYS 53B ISO 1.1	_____	PT	NDE-35	SS	14.00 00.250	_____	LONG SEAM FOR C05.011.080
C05.012.041	1-53B-1.1-B33AL	SYS 53B ISO 1.1	_____	PT	NDE-35	SS	14.00 00.250	_____	LONG SEAM FOR C05.011.081
C05.012.042	1-53B-2.2-A32L	SYS 53B ISO 2.2	_____	PT	NDE-35	SS	14.00 00.250	_____	LONG SEAM FOR C05.011.083A
C05.012.043	1-53B-2.2-A33L	SYS 53B ISO 2.2	_____	PT	NDE-35	SS	14.00 00.250	_____	LONG SEAM FOR C05.011.084

PROGRAM: NISIRUNB-QA15102
 FILE: C007133
 PLANT: OCONEE UNIT 1
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C05.012.044	1-53B-2.2-A29L1	SYS 53B ISO 2.2		PT	NDE-35	SS	14.00 00.250		LONG SEAM FOR C05.011.084A (PIPE SIDE)
C05.012.045	1-53B-2.2-A29L2	SYS 53B ISO 2.2		PT	NDE-35	SS	14.00 00.250		LONG SEAM FOR C05.011.084A (FITTING SIDE)
C05.012.046	1-53B-2.2-A30L	SYS 53B ISO 2.2		PT	NDE-35	SS	14.00 00.250		LONG SEAM FOR C05.011.085
C05.012.047	1-53B-2.2-A31L	SYS 53B ISO 2.2		PT	NDE-35	SS	14.00 00.250		LONG SEAM FOR C05.011.085A
C05.012.048	1-54A-1.2-3BL	SYS 54A ISO 1.2		PT	NDE-35	SS	10.00 00.250		LONG SEAM FOR C05.011.200
C05.012.049	1-54A-3.1-7CL	SYS 54A ISO 3.1		PT	NDE-35	SS	08.00 00.250		LONG SEAM FOR C05.011.208
C05.012.050	1-54A-4.2-37CL	SYS 54A ISO 4.2		PT	NDE-35	SS	08.00 00.250		LONG SEAM FOR C05.011.216
C05.012.051	1-54A-1.3-26BL	SYS 54A ISO 1.3		PT	NDE-35	SS	10.00 00.250		LONG SEAM FOR C05.011.223

PROGRAM: NISIRUNB-QA15102
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C05.021.011	1-53A-2.4-69LA	SYS 53A ISO 2.4	=====	UT	NDE-600	SS	14.00 01.250	40389	USED 60 DEG. DUCER FOR COMP COVERAGE
C05.021.011A	1-53A-2.4-69LA	SYS 53A ISO 2.4	=====	PT	NDE-35	SS	14.00 01.250	-----	-----
C05.021.105	1-03-9-WG91A	SYS 03 ISO 9 OM 201-1875	=====	RT	NDE-12	CS	14.00 00.750	-----	VENDOR WELD RING HEADER
C05.021.105A	1-03-9-WG91A	SYS 03 ISO 9 OM 201-1875	=====	MT	NDE-25	CS	14.00 00.750	-----	VENDOR WELD RING HEADER INSP RFO13 IWC 2430(A) ADDED PER IWC-2430(A) RFO#13
C05.021.107	1-03-9-WG91E	SYS 03 ISO 9 OM 201-1875	=====	RT	NDE-12	CS	14.00 00.750	-----	VENDOR WELD RING HEADER
C05.021.107A	1-03-9-WG91E	SYS 03 ISO 9 OM 201-1875	=====	MT	NDE-25	CS	14.00 00.750	-----	VENDOR WELD RING HEADER INSP RFO13 IWC 2430(A) ADDED PER IWC-2430(A) RFO #13
C05.021.108	1-03-9-WG91G	SYS 03 ISO 9 OM 201-1875	=====	RT	NDE-12	CS	14.00 00.750	-----	VENDOR WELD RING HEADER
C05.021.108A	1-03-9-WG91G	SYS 03 ISO 9 OM 201-1875	=====	MT	NDE-25	CS	14.00 00.750	-----	VENDOR WELD RING HEADER INSP RFO13 IWC 2430(A) ADDED PER IWC-2430(A) RFO #13

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER C05

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C05.021.115	1-03-10-WG91B	SYS 03 ISO 10 OM 201-1875	_____	RT	NDE-12	CS	14.00 00.750	-----	VENDOR WELD RING HEADER
C05.021.115A	1-03-10-WG91B	SYS 03 ISO 10 OM 201-1875	_____	MT	NDE-25	CS	14.00 00.750	-----	VENDOR WELD RING HEADER INSP RFO13 IWC 2430(A) ADDED PER IWC-2430(A) RFO#13
C05.021.118	1-03-10-WG91C	SYS 03 ISO 10 OM 201-1875	_____	RT	NDE-12	CS	14.00 00.750	-----	VENDOR WELD RING HEADER INSP.RFO#10 PER IWC-2430(A)
C05.021.118A	1-03-10-WG91C	SYS 03 ISO 10 OM 201-1875	_____	MT	NDE-25	CS	14.00 00.750	-----	VENDOR WELD RING HEADER INSP.RFO#10 PER IWC-2430(A)
C05.022.000	***** CLASS 2 PIPING	LONGITUDINAL WELDS * *****	_____	***	*****	_____	_____ _____	_____	GREATER THAN 1/2 IN. ***** NOMINAL WALL THICKNESS *****
C05.031.000	CLASS 2 PIPING	BRANCH CONNECTION WELDS*****	_____	***	*****	*****	_____ _____	*****	***** *****
C05.031.023	1-01A-1.3-DP207	SYS 01A ISO 1.3	_____	MT	NDE-25	CS	06.00 00.432	_____	SELECT CRIT. 5.1, 6X12 BRANCH INSPECT ALL WELDS ON COLLAR

PROGRAM: NISIRUNB-Q 002
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C07

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C07.011.000	***** PRESSURE	VESSELS***** *****	_____	***	*****	*****	____.	*****	PRESSURE RETAINING COMPONENTS* *****
C07.011.001	1LPCA	OFD-102A-1.2	_____	VT2	QAL-15 ISI-350	_____	____.	_____	LPI COOL. 1A SYS. HYDRØ TEST
C07.011.002	1LPCB	OFD-102A-1.2	_____	VT2	QAL-15 ISI-350	_____	____.	_____	LPI COOL. 1B SYS HYDRØ. TEST
C07.011.003	1CFT1A	OFD-102A-1.3	_____	VT2	QAL-15 ISI-350	_____	____.	_____	CØRE FLD.TK. 1A SYS HYDRØ TEST
C07.011.004	1CFT1B	OFD-102A-1.3	_____	VT2	QAL-15 ISI-350	_____	____.	_____	CØRE FLD TK 1B SYS HYDRØ TEST
C07.011.005	1SG1A	OFD-121B-1.3	_____	VT2	QAL-15 ISI-350	_____	____.	_____	STM GEN 1A SYS HYDRØ TEST
C07.011.006	1SG1B	OFD-121B-1.3	_____	VT2	QAL-15 ISI-350	_____	____.	_____	STM GEN 1B SYS HYDRØ TEST
C07.021.000	*****PIPING	***** *****	_____	***	*****	*****	____.	*****	PRESSURE RETAINING COMPONENTS* *****

PROGRAM: NISIRUNB-QA-002
 FILE: C007133
 PLANT: OCONEE UNIT 1
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C07.021.001	1-OFD-100A-1.1	OFD-100A-1.1		VT2	QAL-15 ISI-350				CL B SYSTEM HYDRØ TEST INCLS. SHT. 2 PARTIAL
C07.021.002	1-OFD-100A-1.2	OFD-100A-1.2		VT2	QAL-15 ISI-350				CL B SYSTEM HYDRØ TEST PARTIAL
C07.021.002A	1-OFD-100A-1.2	OFD-100A-1.2		VT2	QAL-15 ISI-350				CL B SYSTEM PNEUMATIC TEST
C07.021.004	1-OFD-101A-1.2	OFD-101A-1.2		VT2	QAL-15 ISI-350				CL B SYSTEM HYDRØ TEST PARTIAL
C07.021.005	1-OFD-101A-1.3	OFD-101A-1.3		VT2	QAL-15 ISI-350				CL B SYSTEM HYDRØ TEST INCL. INCLS. SHTS. 2,3,4 & 5 PARTIAL
C07.021.006	1-OFD-101A-1.4	OFD-101A-1.4		VT2	QAL-15 ISI-350				CL B SYSTEM HYDRØ TEST INCLS. SHTS. 2,3,4 & 5 PARTIAL
C07.021.007	1-OFD-101A-1.5	OFD-101A-1.5		VT2	QAL-15 ISI-350				CL B SYSTEM HYDRØ TEST INCLS. SHTS. 2 & 3
C07.021.008	1-OFD-102A-1.1	OFD-102A-1.1		VT2	QAL-15 ISI-350				CL. B SYSTEM HYDRØ TEST INCLS. SHEETS 2 & 3

PROGRAM: NISIRUNB-QA13102
 FILE: C007133
 PLANT: OCONEE UNIT 1
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ. NUMBERS	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
C07.021.009	1-OFD-102A-1.2	OFD-102A-1.2	=====	VT2	QAL-15 ISI-350	=====	==.	=====	CL B SYSTEM HYDRØ TEST INCLS. SHTS. 2,3,4,5, & 6 PARTIAL
C07.021.010	1-OFD-102A-1.3	OFD-102A-1.3	=====	VT2	QAL-15 ISI-350	=====	==.	=====	CL B SYSTEM HYDRØ TEST INCLS. SHT. 2 PARTIAL
C07.021.011	1-OFD-103A-1.1	OFD-103A-1.1	=====	VT2	QCL-15 ISI-350	=====	==.	=====	CL B SYSTEM HYDRØ TEST INCLS. SHTS. 2,3 & 4
C07.021.012	1-OFD-104A-1.1	OFD-104A-1.1	=====	VT2	QAL-15 ISI-350	=====	==.	=====	CL B SYSTEM HYDRØ TEST PARTIAL
C07.021.013	1-OFD-104A-1.2	OFD-104A-1.2	=====	VT2	QAL-15 ISI-350	-----	==.	-----	CL B SYSTEM HYDRØ TEST
C07.021.014	1-OFD-106E-1.1	OFD-106E-1.1	=====	VT2	QAL-15 ISI-350	=====	==.	=====	CL B SYSTEM HYDRØ TEST PARTIAL
C07.021.015	1-OFD-107A-1.1	OFD-107A-1.1	=====	VT2	QAL-15 ISI-350	=====	==.	=====	CL B SYSTEM HYDRØ TEST
C07.021.016	1-OFD-107A-1.2	OFD-107A-1.2	=====	VT2	QAL-15 ISI-350	=====	==.	=====	CL B SYSTEM HYDRØ TEST

PROGRAM: NISIRUNB-Q-102
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PLANT: OCONEE UNIT 1
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DUKE POWER COMPANY
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
C07.021.017	1-OFD-107B-1.1	OFD-107B-1.1	=====	VT2	QAL-15 ISI-350	=====	==. ==.	=====	CL B SYSTEM HYDRO TEST
C07.021.019	1-OFD-110A-1.1	OFD-110A-1.1	=====	VT2	QAL-15 ISI-350	=====	==. ==.	=====	CL B SYSTEM HYDRO TEST
C07.021.020	1-OFD-110A-1.3	OFD-110A-1.3	=====	VT2	QAL-15 ISI-350	=====	==. ==.	=====	CL B SYSTEM HYDRO TEST
C07.021.021	1-OFD-116A-1.1	OFD-116A-1.1	=====	VT2	QAL-15 ISI-350	=====	==. ==.	=====	CL B SYSTEM PNEUMATIC TEST
C07.021.022	1-OFD-116C-1.1	OFD-116C-1.1	=====	VT2	QAL-15 ISI-350	=====	==. ==.	=====	CL B SYSTEM PNEUMATIC TEST
									PARTIAL
C07.021.023	1-OFD-121B-1.3	OFD-121B-1.3	=====	VT2	QAL-15 ISI-350	=====	==. ==.	=====	CL B SYSTEM HYDRO TEST INCLS. SHT. 2
C07.021.024	1-OFD-121B-1.5	OFD-121B-1.5	=====	VT2	QAL-15 ISI-350	=====	==. ==.	=====	CL B SYSTEM HYDRO TEST
									PARTIAL
C07.021.025	1-OFD-121D-1.1	OFD-121D-1.1	=====	VT2	QAL-15 ISI-350	=====	==. ==.	=====	CL B SYSTEM HYDRO TEST

PROGRAM: NISIRUNB-QA-0102
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C07

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
C07.021.026	1-OFD-121D-1.2	OFD-121D-1.2	=====	VT2	QAL-15 ISI-350	=====	==.==	=====	CL B SYSTEM HYDRO TEST
			=====						
			=====						
C07.021.027	1-OFD-122A-1.1	OFD-122A-1.1	=====	VT2	QAL-15 ISI-350	=====	==.==	=====	CL B SYSTEM HYDRO TEST INCL. SHTS 2 & 3
			=====						
			=====						
C07.021.028	1-OFD-122A-1.2	OFD-122A-1.2	=====	VT2	QAL-15 ISI-350	=====	==.==	=====	CL B SYSTEM HYDRO TEST REQ. FOR RELIEF #7 DTD 101585
			=====						
			=====						
C07.021.029	1-OFD-122A-1.3	OFD-122A-1.3	=====	VT2	QAL-15 ISI-350	=====	==.==	=====	CL B SYSTEM HYDRO TEST REQ. FOR RELIEF #7 DTD 101585
			=====						
			=====						
C07.021.030	1-OFD-122A-1.4	OFD-122A-1.4	=====	VT2	QAL-15 ISI-350	=====	==.==	=====	CL B SYSTEM HYDRO TEST REQ. FOR RELIEF #7 DTD 101585
			=====						
			=====						
C07.021.033	1-OFD-127B-1.2	OFD-127B-1.2	=====	VT2	QAL-15 ISI-350	=====	==.==	=====	CL B SYSTEM HYDRO TEST
			=====						PARTIAL
			=====						
C07.021.034	1-OFD-137A-1.2	OFD-137A-1.2	=====	VT2	QAL-15 ISI-350	=====	==.==	=====	CL B SYSTEM PNEUMATIC TEST
			=====						PARTIAL
			=====						
C07.021.035	1-OFD-137B-1.2	OFD-137B-1.2	=====	VT2	QAL-15 ISI-350	=====	==.==	=====	CL B SYSTEM PNEUMATIC TEST
			=====						
			=====						

PROGRAM: NISIRUNB-QA-102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER C07

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
C07.021.039	1-0FD-110A-1.4	0FD-110A-1.4		VT2	QAL-15 ISI-350				CL B SYSTEM HYDRØ TEST
C07.021.041	1-0FD-107D-1.2	0FD-107D-1.2		VT2	QAL-15 ISI-350				CL. B SYSTEM HYDRØ TEST
C07.031.000	*****PUMPS	***** *****		***	*****	*****		*****	PRESSURE RETAINING COMPONENTS* SYSTEM HYDRØ TEST*****
C07.031.003	1LPI PUMP-1C	0FD-102A-1.2		VT2	QAL-15 ISI-350				LPI PUMP 1C HYDRØ TEST
C07.041.000	*****VALVES	***** *****		***	*****	*****		*****	PRESSURE RETAINING COMPONENTS COVERED IN C07.021.000 SAME AS C07.021.000 SAME AS C07.021.000

PROGRAM: NISIRUNB-QA-002
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER D01

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
D01.012.000	*****SYSTEM	HYDROSTATIC TEST**** *****		***	*****	*****	---	*****	***** *****
D01.012.001A	1-OFD-100A-1.3	OFD-100A-1.3		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRØ TEST
D01.012.002	1-OFD-101A-1.1	OFD-101A-1.1		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRØ TEST INCLS. SHTS. 2,3,4 & 5 PARTIAL
D01.012.003	1-OFD-101A-1.2	OFD-101A-1.2		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRØ TEST INCLS. SHTS. 2,3,4 & 5
D01.012.005	1-OFD-101A-1.4	OFD-101A-1.4		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRØ TEST INCLS. SHT. 2 PARTIAL
D01.012.007	1-OFD-106A-1.2	OFD-106A-1.2		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRØ TEST PARTIAL
D01.012.014	1-OFD-102A-1.1	OFD-102A-1.1		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRØ TEST
D01.012.017	1-OFD-110A-1.4	OFD-110A-1.4		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRØ TEST PARTIAL

PROGRAM: NISIRUNB-QA-102
 FILE: C007133
 PLANT: OCONEE UNIT 1
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
D02.012.000	*****SYSTEM	HYDROSTATIC***** TEST*****		***	*****	*****	---	*****	***** *****
D02.012.001A	1-OFD-110A-1.3	OFD-110A-1.3		VT2	QAL-15 ISI-350		---		CL. C SYSTEM PNEUMATIC TEST PARTIAL
D02.012.003	1-OFD-121A-1.7	OFD-121A-1.7		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRO TEST PARTIAL
D02.012.004	1-OFD-121A-1.8	OFD-121A-1.8		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRO TEST PARTIAL
D02.012.009	1-OFD-121D-1.1	OFD-121D-1.1		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRO TEST INCLS. SHTS. 2-8 PARTIAL
D02.012.010	1-OFD-121D-1.2	OFD-121D-1.2		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRO TEST PARTIAL
D02.012.013	1-OFD-122A-1.4	OFD-122A-1.4		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRO TEST INCLS. SHTS. 2 & 3 PARTIAL
D02.012.021	1-OFD-133A-2.5	OFD-133A-2.5		VT2	QAL-15 ISI-350		---		CL. C SYSTEM HYDRO TEST INCLS. SHTS. 2 THRU 13 PARTIAL

PROGRAM: NISIRUNB-QA-02
FILE: C007133
PLANT: OCONEE UNIT 1
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
D02.012.022	1-OFD-133A-1.1	OFD-133A-1.1		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRØ TEST INCLS. SHT. 2 PARTIAL
D02.012.023	1-OFD-133A-1.2	OFD-133A-1.2		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRØ TEST INCLS. SHT. 2 PARTIAL
D02.012.024	1-OFD-133A-1.4	OFD-133A-1.4		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRØ TEST PARTIAL
D02.012.025	1-OFD-133A-1.5	OFD-133A-1.5		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRØ TEST
D02.012.027	1-OFD-133A-2.2	OFD-133A-2.2		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRØ TEST
D02.012.028	1-OFD-133A-3.2	OFD-133A-3.2		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRØ TEST
D02.012.029	1-OFD-133A-3.4	OFD-133A-3.4		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRØ TEST
D02.012.030	1-OFD-133A-1.3	OFD-133A-1.3		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRØ TEST

PROGRAM: NISIRUNB-Q-02
 FILE: C007133
 PLANT: OCONEE UNIT 1
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
D02.012.032	1-0FD-124A-1.3	0FD-124A-1.3		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRO TEST PARTIAL
D02.012.034	1-0FD-124B-1.1	0FD-124B-1.1		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRO TEST INCLS. SHT. 2 PARTIAL
D02.012.035	1-0FD-124B-2.1	0FD-124B-2.1		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRO TEST PARTIAL
D02.012.036	1-0FD-124B-1.2	0FD-124B-1.2		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRO TEST INCLS. SHT. 2 PARTIAL
D02.012.037	1-0FD-124B-1.4	0FD-124B-1.4		VT2	QAL-15 ISI-350				CL. C SYSTEM HYDRO TEST INCLS. SHT. 2 PARTIAL
D02.020.000	***** CLASS 3 PIPING	INTEGRAL ATTACHMENT WELDS *****		***	*****	*****		*****	COMPONENT SUPPORTS ***** AND RESTRAINTS *****
D02.020.005	1-03A-SR77	0-401A		VT	QAL-14		06.00		EMER. FDWTR - RIGID 1-03A-1-0-401A-SR77
D02.020.045	1-03A-H63	0-437A		VT3	QAL-14	-----		-----	EMER. FDWTR - RIGID 1-03A-1-0-437A-H63

PROGRAM: NISIRUNB-QA-102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER D02

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
D02.020.047	1-03A-SR95	0-437A		VT3	QAL-14	-----	---.	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-437A-SR95
D02.020.048	1-03A-SR92	0-437A		VT3	QAL-14	-----	---.	-----	EMER. FDWTR. - RIGID 1-03A-1-0-437A-SR92
D02.020.049	1-03A-SR93	0-437A		VT3	QAL-14	-----	---.	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-437A-SR93
D02.020.050	1-03A-SR100	0-438B		VT3	QAL-14	-----	---.	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-438B-SR100
D02.020.051	1-03A-SR83	0-400B		VT3	QAL-14	-----	---.	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-400B-SR83
D02.020.052	1-03A-SR71	0-400A		VT3	QAL-14	-----	---.	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-400A-SR71
D02.020.053	1-03A-SR69	0-400A		VT3	QAL-14	-----	---.	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-400A-SR69
D02.020.054	1-03A-SR67	0-400A		VT3	QAL-14	-----	---.	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-400A-SR67

PROGRAM: NISIRUNB-QA13102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER D02

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ. NUMBERS	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
D02.020.055	1-03A-SR91	0-437A	_____	VT3	QAL-14	-----	____	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-437A-SR91
D02.020.056	1-03A-SR74	0-401A	_____	VT3	QAL-14	-----	____	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-401A-SR74
D02.020.057	1-03A-SR73	0-401A	_____	VT3	QAL-14	-----	____	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-401A-SR73
D02.020.058	1-03A-SR76	0-401A	_____	VT3	QAL-14	-----	____	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-401A-SR76
D02.020.100	1-03A-H3A	0-480A	_____	VT3	QAL-14	-----	____	-----	EMER. FDWTR. - RESTRAINT 1-03A-480A-H3A
D02.020.104	1-03A-H3B	0-480A	_____	VT3	QAL-14	-----	____	-----	EMER. FDWTR. - RESTRAINT 1-03A-480A-H3B
D02.020.105	1-03A-SR65	0-400A	_____	VT3	QAL-14	-----	____	-----	EMER. FDWTR. - RESTRAINT 1-03A-1-0-400A-SR65
D02.030.000	*****INTEGRAL	ATTACHMENT***** *****	_____	***	*****	*****	____	*****	MECHANICAL&HYDRAULIC SNUBBERS *****

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER D02

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
D02.040.000	*****INTEGRAL	ATTACHMENT***** *****	_____	***	*****	*****	____	*****	SPRING TYPE SUPPORTS***** *****
D02.040.005	1-03-H48	0-551	_____	VT3	QAL-14	-----	____	-----	MAIN FDWTR. - SPRING 1-03-0-551-H48
D02.060.000	*****INTEGRAL	ATTACHMENT***** *****	_____	***	*****	*****	____	*****	SHOCK ABSORBERS***** *****

PROGRAM: NISIRUNB-QA15102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER D03

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
D03.012.000	*****SYSTEM	HYDROSTATIC TEST**** *****	_____	***	*****	*****	_____ _____ _____	*****	***** ***** *****
D03.012.001	1-OFD-104A-1.1	OFD-104A-1.1	_____	VT2	QAL-15 ISI-350	_____	_____ _____ _____	_____	CL. C SYSTEM HYDRO TEST INCLS. SHTS. 2-8

PROGRAM: NISIRUNB-Q-02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER E01

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
E01.001.000	REACTOR COOL. PUMP	FLYWHEEL INSPECTION *****	_____	***	*****	*****	____	*****	***** ***** *****
E01.001.001	1RCP-1A1	OM-201D-38 -----	_____	UT	NDE-900	CS	72.00 09.500	-----	RC PUMP 1A1 FLYWHEEL INSPECTED 91.8%

PROGRAM: NISIRUNB-QA102
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER E04

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
E04.001.000	**HPI SAFE END	EXAMINATIONS***** *****	_____	***	*****	*****	____	*****	***** ***** ***** *****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER E05

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
E05.001.002	1PSL-133	ISI-OCN1-015		UT	NDE-600	SS	10.75 01.000	40399	ELBOW PC 80 TO 83 EXAM 3" BAND PER VOL 1 SECT 7.1.6
E05.001.003	1PSL-142	ISI-OCN1-015		UT	NDE-600	SS	10.75 01.000	40399	ELBOW PC 80 TO 82 EXAM 3" BAND PER VOL. SECT 7.1.6

PROGRAM: NISIRUNB-QA15102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER E09

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
E09.001.000	*AUXILIARY FEEDWATER	HEADER***** ***** *****	*****	***		*****			*(PSC-21-82) WATER***** *HAMMER EXAMINATIONS*****
E09.001.015	1-03A-11-158D	SYS 03 ISO 11		RT	NDE 12	CS	06.00 00.432		1A AUX. FDWTR HEADER HEADER PIPE-TO-ELL
E09.001.016	1-03A-11-165D	SYS 03 ISO 11		MT	NDE 25	CS	03.00 00.300		1B AUX. FDWTR HEADER 3" FLANGE-TO-ELL
E09.001.017	1-03A-11-11VEN	SYS03 ISO 11		MT	NDE 25	CS	04.00 00.938		1B AUX. FDWTR HEADER 3" FLANGE NOZZLE TO 6" HEADER
E09.001.018	1-03A-11-164D	SYS 03 ISO 11		MT	NDE 25	CS	03.00 00.300		1B AUX. FDWTR HEADER 3" FLANGE-TO-ELL
E09.001.019	1-03A-11-12VEN	SYS 03 ISO 11		MT	NDE 25	CS	04.00 00.938		1B AUX. FDWTR HEADER 3" FLANGE NOZZLE TO 6" HEADER
E09.001.020	1-03A-11-163D	SYS 03 ISO 11		MT	NDE 25	CS	03.00 00.300		1B AUX. FDWTR HEADER 3" FLANGE-TO-ELL
E09.001.021	1-03A-11-13VEN	SYS 03 ISO 11		MT	NDE 25	CS	04.00 00.938		1B AUX. FDWTR HEADER 3" FLANGE NOZZLE TO 6" HEADER

PROGRAM: NISIRUNB-QA102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER E09

DUKE POWER COMPANY
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
E09.001.022	1-03A-11-162D	SYS 03 ISO 11	=====	MT	NDE 25	CS	03.00 00.300	=====	1B AUX. FDMTR HEADER 3" FLANGE-TO-ELL
E09.001.023	1-03A-11-14VEN	SYS 03 ISO 11	=====	MT	NDE 25	CS	04.00 00.938	=====	1B AUX. FDMTR HEADER 3" FLANGE NOZZLE TO 6" HEADER
E09.001.024	1-03A-11-161D	SYS 03 ISO 11	=====	MT	NDE 25	CS	03.00 00.300	=====	1B AUX. FDMTR HEADER 3" FLANGE-TO-ELL
E09.001.025	1-03A-11-15VEN	SYS 03 ISO 11	=====	MT	NDE 25	CS	04.00 00.938	=====	1B AUX. FDMTR HEADER 3" FLANGE NOZZLE TO 6" HEADER
E09.001.026	1-03A-11-160D	SYS 03 ISO 11	=====	MT	NDE 25	CS	03.00 00.300	=====	1B AUX. FDMTR HEADER 3" FLANGE-TO-ELL
E09.001.027	1-03A-11-16VEN	SYS 03 ISO 11	=====	MT	NDE 25	CS	04.00 00.938	=====	1B AUX. FDMTR HEADER 3" FLANGE NOZZLE TO 6" HEADER
E09.001.028	1-03A-11-159D	SYS 03 ISO 11	=====	MT	NDE 25	CS	03.00 00.300	=====	1B AUX. FDMTR HEADER 3" FLANGE-TO-ELL
E09.001.029	1-03A-11-17VEN	SYS 03 ISO 11	=====	MT	NDE 25	CS	04.00 00.938	=====	1B AUX. FDMTR HEADER 3" FLANGE NOZZLE TO 6" HEADER

PROGRAM: NISIRUNB-QA-102
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER E09

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
E09.001.030	1-03A-11-10VEN	SYS 03 ISO 11	_____	RT	NDE 12	CS	06.00 00.432	_____	1B AUX. FDWTR HEADER HEADER PIPE-T0-ELL
E09.001.031	1-03A-11-18VEN	SYS 03 ISO 11	_____	RT	NDE 12	CS	06.00 00.432	_____	1B AUX. FDWTR HEADER HEADER PIPE-T0-CAP

PROGRAM: NISIRUNB-QA-102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER E10

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
E10.001.000	**PRESSURIZER**	**SAFE END** **EXAMINATIONS**	***** ***** *****	***	***** ***** *****	***** ***** *****	01.00 01.187		**SENSING/SAMPLING** **NOZZLES**
E10.001.001	1PZR-WP63-1	ISI-OCN1-002		PT	NDE-35	CS/IN	01.00 01.187		SENSING NOZZLE-TØ-SAFE END PC.30 TØ 42 W-X QUAD.
E10.001.002	1PZR-WP63-2	ISI-OCN1-002		PT	NDE-35	CS/IN	01.00 01.187		SENSING NOZZLE-TØ-SAFE END PC. 30 TØ 42 Y-Z QUAD.
E10.001.003	1PZR-WP63-3	ISI-OCN1-002		PT	NDE-35	CS/IN	01.00 01.187		SENSING NOZZLE-TØ-SAFE END PC. 30 TØ 42 Z-W QUAD.
E10.001.004	1PZR-WP63-4	ISI-OCN1-002		PT	NDE-35	CS/IN	01.00 01.187		SENSING NOZZLE-TØ-SAFE END PC. 30 TØ 42 W-X QUAD.
E10.001.005	1PZR-WP63-5	ISI-OCN1-002		PT	NDE-35	CS/IN	01.00 01.187		SENSING NOZZLE-TØ-SAFE END PC.30 TØ 42 Y-Z QUAD.
E10.001.006	1PZR-WP63-6	ISI-OCN1-002		PT	NDE-35	CS/IN	01.00 01.187		SENSING NOZZLE-TØ-SAFE END PC. 30 TØ 42 Z-W QUAD.
E10.001.007	1PZR-WP63-7	ISI-OCN1-002		PT	NDE-35	CS/IN	01.00 01.187		SAMPLING NOZZLE-TØ-SAFE END PC. 30 TØ 42 Z-W QUAD.

PROGRAM: NISIRUNB-QA10102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.01.000	***** CLASS 1	SUPPORTS***** *****		***	*****	****	—	****	***** *****
F1.01.074	1-51A-H5C	0-478A -----		VT	QAL-14		02.50		HIGH PRESS INJ. - RIGID 51A-0-478A-H5C INSP.RFO#12 PER IWF-2430(A)
F1.01.075	1-51A-H6C	0-478A -----		VT	QAL-14		02.50		HIGH PRESS INJ. - RIGID 51A-0-478A-H6C
F1.01.076	1-51A-H7C	0-478A -----		VT	QAL-14		02.50		HIGH PRESS INJ. - RIGID 51A-0-478A-H7C INSP.RFO#12 PER IWF-2430(A)
F1.01.077	1-51A-H1A	0-479A -----		VT	QAL-14		02.50		HIGH PRESS. INJ.- SPRING 51A-0-479A-H1A
F1.01.078	1-51A-H2A	0-479A -----		VT	QAL-14		02.50		HIGH PRESS INJ. - RIGID 51A-0-479A-H2A INSP.RFO#12 PER IWF-2430(A)
F1.01.083	1-51A-H7A	0-479A -----		VT	QAL-14		02.50		HIGH PRESS INJ. - RIGID 51A-0-479A-H7A INSP.RFO#14 PER IWF-2420(B)
F1.01.084	1-51A-H8A	0-479A -----		VT	QAL-14		02.50		HIGH PRESS INJ. - RIGID 51A-0-479A-H8A INSP.RFO#12 PER IWF-2430(A)

PROGRAM: NISIRUNB-QA-102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.01.085	1-51A-H9A	0-479A		VT	QAL-14		02.50		HIGH PRESS INJ. - RIGID 51A-0-479A-H9A INSP.RFO#12 PER INF-2430(A)
F1.01.158	1-53A-H4B	0-478A		VT	QAL-14		10.00		LOW PRESS INJ. - RIGID 53A-0-478A-H4B
F1.01.159	1-53A-H30C	0-481A		VT	QAL-14		01.50		LOW PRESS INJ. - RIGID 53A-0-481A-H30C
F1.01.160	1-53A-H31C	0-481A		VT	QAL-14		01.50		LOW PRESS INJ. - RIGID 53A-0-481A-H31C
F1.01.162	1-53A-H33C	0-481A		VT	QAL-14		01.50		LOW PRESS INJ. - RIGID 53A-0-481A-H33C
F1.01.163	1-53A-H34C	0-481A		VT	QAL-14		01.50		LOW PRESS INJ. - RIGID 53A-0-481A-H34C
F1.01.168	1-53A-H40C	0-481A		VT	QAL-14		01.50		LOW PRESS INJ. - H.S.S. SUPP. 53A-0-481A-H40C
F1.01.169	1-53A-H42C	0-481A		VT	QAL-14		01.50		LOW PRESS. INJ. - SPRING 53A-0-481A-H42C

PROGRAM: NISIRUNB-QA10102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.01.223	1-RPV-WR36	ISI-OCN1-001		VT3	QAL-14	CS	02.000	----	RPV SUPPORT SKIRT
F1.01.224	1SGA-SKIRT	OM-201-1873 ISI-OCN1-003		VT	QAL-14			----	1SGA SUPPORT SKIRT
F1.02.000	***** CLASS 2 SUPPORTS*****			***	*****	*****		*****	*****
F1.02.001	1-01A-H7A	0-481B		VT	QAL-14	----	36.50	----	MAIN STEAM A - SPRING 01A-0-481B-H7A
F1.02.002	1-01A-H3A	0-481A		VT	QAL-14	----	26.18	----	MAIN STEAM A - SPRING 01A-0-481-H3A
F1.02.003	1-01A-H4A	0-481A		VT	QAL-14	----	26.18	----	MAIN STEAM A - RIGID 01A-0-481A-H4A
F1.02.004	1-01A-H1A	0-481A		VT	QAL-14	----	26.18	----	MAIN STEAM A - SPRING 01A-0-481A-H1A
F1.02.005	1-01A-H2A	0-481A		VT	QAL-14	----	26.18	----	MAIN STEAM A - RIGID 01A-0-481A-H2A

PROGRAM: NISIRUNB-00002
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.02.008	1-01A-H6A	0-481A		VT	QAL-14	----	26.18	----	MAIN STEAM A - RIGID 01A-0-481A-H6A
F1.02.009	1-01A-H5A	0-481A		VT	QAL-14	----	26.18	----	MAIN STEAM A - SPRING 01A-0-481A-H5A
F1.02.019	1-01A-R13	0-550		VT	QAL-14	----	36.50	----	MAIN STEAM - RIGID 1-01A-0-550-R13
F1.02.020	1-01A-R3	0-550		VT	QAL-14	----	36.50	----	MAIN STEAM A - RIGID 1-01A-0-550-R3
F1.02.021	1-01A-H5	0-550		VT	QAL-14	----	36.50	----	MAIN STEAM A - TWIN SPRNG HGRS 1-01A-0-550-H5
F1.02.029	1-01A-H10	0-550		VT	QAL-14	----	36.50	----	MAIN STEAM A - SPRING 1-01A-0-550-H10
F1.02.030	1-01A-R4	0-550		VT	QAL-14	----	36.50	----	MAIN STEAM A - MECH. SUPP. 1-01A-0-550-R4
F1.02.031	1-01A-H15	0-401A		VT	QAL-14	----	36.50	----	MAIN STEAM A - SPRING 1-01A-0-401A-EMO-H15

PROGRAM: NISIRUNB-QA102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.02.033	1-01A-H7	0-401A		VT	QAL-14		12.00	----	MAIN STEAM A - SPRING 1-01A-1-1-0-401A-H7
F1.02.034	1-01A-H43	0-401A		VT	QAL-14		12.00	----	MAIN STEAM A - MECH. SNUBBER 1-01A-1-1-0-401A-H43
F1.02.035	1-01A-H4B	0-481A		VT	QAL-14		26.18	----	MAIN STEAM B - RIGID 01A-0-481A-H4B
F1.02.061	1-01A-R11	0-550		VT	QAL-14		36.50	----	MAIN STEAM B - MECH. SUPP. 1-01A-0-550-R11
F1.02.062	1-01A-H19	0-550		VT	QAL-14		36.50	----	MAIN STEAM B - SPRING 1-01A-0-550-H19
F1.02.063	1-01A-H20	0-550		VT	QAL-14		36.50	----	MAIN STEAM B - RIGID 1-01A-0-550-H20
F1.02.064	1-01A-H21	0-550		VT	QAL-14		36.50	----	MAIN STEAM B - RIGID 1-01A-0-550-H21
F1.02.210	1-51A-SR59	0-435B		VT	QAL-14		06.00	----	H.P.I. - RIGID 1-51A-6-0-435B-SR59

PROGRAM: NISIRUNB-000002
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
F1.02.277	1-53B-H26	0-438C		VT	QAL-14	-----	12.00	-----	DECAY HEAT - RIGID 1-53B-3-0-438C-H26
F1.02.278	1-53B-DE055	0-438C		VT	QAL-14	-----	12.00	-----	DECAY HEAT - MECH. SHOCK 1-53B-0-438C-DE055
F1.02.281	1-53B-DE012	0-438C		VT	QAL-14	-----	12.00	-----	DECAY HEAT - RIGID 1-53B-0-438C-DE012
F1.02.290	1-53B-DE051	0-437B		VT	QAL-14	-----	12.00	-----	DECAY HEAT - RIGID 1-53B-0-437B-DE051
F1.02.299	1-53B-H1	0-435B		VT	QAL-14	-----	10.00	-----	DECAY HEAT - SPRING 1-53B-5-0-435B-H1
F1.02.300	1-53B-DE058	0-435B		VT	QAL-14	-----	10.00	-----	DECAY HEAT - MECH. SHOCK SUPP. 1-53B-0-435B-DE058
F1.02.301	1-53B-H2	0-444		VT	QAL-14	-----	10.00	-----	DECAY HEAT - SPRING 1-53B-5-0-444-H2
F1.02.302	1-53B-DE060	0-436D		VT	QAL-14	-----	10.00	-----	DECAY HEAT - MECH. SHOCK SUPP. 1-53B-0-436D-DE060

PROGRAM: NISIRUNB-QA102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
F1.02.303	1-53B-H9	0-436D		VT	QAL-14	-----	10.00	-----	DECAY HEAT - SWAY STRUT 1-53B-5-0-436D-H9
F1.02.304	1-53B-H19	0-436D		VT	QAL-14	-----	10.00	-----	DECAY HEAT - RIGID 1-53B-5-0-436D-H19
F1.02.320	1-53B-H50	0-439B		VT	QAL-14	-----	10.00	-----	DECAY HEAT - SWAY STRUT 1-53B-5-0-439B-H50
F1.02.321	1-53B-R12	0-444		VT	QAL-14	-----	10.00	-----	DECAY HEAT - RIGID 1-53B-5-0-444-R12
F1.02.322	1-53B-H59	0-439A		VT	QAL-14	-----	10.00	-----	DECAY HEAT - SWAY STRUT 1-53B-0-439A-H59
F1.02.333	1-53B-H13	0-436D		VT	QAL-14	-----	10.00	-----	DECAY HEAT - RIGID 1-53B-5-0-436D-H13
F1.02.359	1-53B-H8	0-436D		VT	QAL-14	-----	10.00	-----	DECAY HEAT - RIGID 1-53B-5-0-436D-H8
F1.02.366	1-53B-H13	0-435B		VT	QAL-14	-----	14.00	-----	DECAY HEAT - SPRING 1-53B-4-0-435B-H13

PROGRAM: NISIRUNB-QAL-5102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.02.368	1-53B-DE067	0-435B		VT	QAL-14	-----	14.00	----	DECAY HEAT - SWAY STRUT 1-53B-0-435B-DE067 MONITOR DURING RFO #15
F1.02.373	1-53B-H30	0-435B		VT	QAL-14	-----	14.00	----	DECAY HEAT - SWAY STRUT 1-53B-4-0-435B-H30 INSP.RFO#10 PER IWF-2430(A)
F1.02.375	1-53B-R35	0-435B		VT	QAL-14	-----	14.00	----	DECAY HEAT -RIGID 1-53B-0-435B-R35
F1.02.385	1-53B-DE066	0-435B		VT	QAL-14	-----	14.00	----	DECAY HEAT - MECH. SUPP. 1-53B-0-435B-DE066
F1.02.386	1-53B-DE079	0-435B		VT	QAL-14	-----	14.00	----	DECAY HEAT - SPRING 1-53B-435B-DE079
F1.02.388	1-53B-DE024	0-435B		VT	QAL-14	-----	12.00	----	DECAY HEAT - RIGID 1-53B-435B-DE024
F1.02.466	1-54A-H21	0-435B		VT	QAL-14	-----	08.00	----	REACTOR BLDG. SPRAY - SPRING 1-54A-3-0-435B-H21
F1.02.467	1-54A-R8	0-435B		VT	QAL-14	-----	08.00	----	REACT. BLDG. SPRAY-SWAY STRUT INSP RFO #13 PER IWF 2430(A) ADDED PER IWF-2430(A) RFO #13

PROGRAM: NISIRUNB-QA10102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.02.469	1-54A-H1	0-444		VT	QAL-14	-----	08.00	-----	REACTOR BUILDING SPRAY-SPRING 1-54A-3-0-444-H1
F1.02.490	1-54A-H24	0-439A		VT	QAL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - RIGID INSP RFO #13 PER IWF 2430(A) ADDED PER IWF-2430(A) RFO #13
F1.02.491	1-54A-H23	0-439A		VT	QAL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - RIGID INSP RFO #13 PER IWF 2430(A) ADDED PER IWF-2430(A) RFO #13
F1.02.492	1-54A-H21	0-439A		VT	QAL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - RIGID INSP RFO #13 PER IWF 2430(A) ADDED PER IWF-2430(A) RFO #13
F1.02.553	1-55-DE003	0-439B		VT	QAL-14	-----	06.00	-----	COMPONENT COOLING - RIGID 1-55-1-0-439B-DE003
F1.03.000	***** CLASS 3	SUPPORTS ***** *****		***	*****	-----		-----	***** *****
F1.03.067	1-03-H48	0-551		VT	QAL-14	-----	24.00	-----	MAIN FDWTR. - SPRING 1-03-0-551-H48
F1.03.068	1-03A-SR92	0-437A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - RIGID 1-03A-1-0-437A-SR92

PROGRAM: NISIRUNB-QA13102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

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 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.03.069	1-03A-SR63	0-438B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - SNUBBER 1-03A-1-0-438B-SR63
F1.03.071	1-03A-H153	0-400B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - RIGID 1-03A-1-0-400B-H153
F1.03.073	1-03A-SR95	0-437A		VT	QAL-14	-----		-----	EMER. FDWTR- RESTRAINT 1-03A-1-0-437A-SR95
F1.03.074	1-03A-SR93	0-437A		VT	QAL-14	-----		-----	EMER. FDWTR RESTRAINT 1-03A-1-0-437A-SR93
F1.03.075	1-03A-SR100	0-438B		VT	QAL-14	-----		-----	EMER. FDWTR RESTRAINT 1-03A-1-0-438B-SR100
F1.03.076	1-03A-SR83	0-400B		VT	QAL-14	-----		-----	EMER. FDWTR RESTRAINT 1-03A-1-0-400B-SR83
F1.03.077	1-03A-SR71	0-400A		VT	QAL-14	-----		-----	EMER. FDWTR RESTRAINT 1-03A-1-0-400A-SR71
F1.03.078	1-03A-SR69	0-400A		VT	QAL-14	-----		-----	EMER. FDWTR RESTRAINT 1-03A-1-0-400A-SR69

PROGRAM: NISIRUNB-QA15102
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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DATE 03/11/93

ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.03.079	1-03A-SR67	0-400A	VT	QAL-14					EMER. FDWTR RESTRAINT 1-03A-1-0-400A-SR67
F1.03.080	1-03A-SR91	0-437A	VT	QAL-14					EMER. FDWTR RESTRAINT 1-03A-1-0-437A-SR91
F1.03.081	1-03A-SR74	0-401A	VT	QAL-14					EMER. FDWTR RESTRAINT 1-03A-1-0-401A-SR74
F1.03.082	1-03A-SR73	0-401A	VT	QAL-14					EMER. FDWTR RESTRAINT 1-03A-1-0-401A-SR73
F1.03.083	1-03A-SR76	0-401A	VT	QAL-14					EMER. FDWTR RESTRAINT 1-03A-1-0-401A-SR76
F1.03.084	1-03A-H3A	0-480A	VT	QAL-14					EMER. FDWTR RESTRAINT 1-03A-480A-H3A
F1.03.085	1-03A-H3B	0-480A	VT	QAL-14					EMER. FDWTR RESTRAINT 1-03A-480A-H3B
F1.03.086	1-03A-SR65	0-400A	VT	QAL-14					EMER. FDWTR RESTRAINT 1-03A-1-0-400A-SR65

PROGRAM: NISIRUNB-QAL-102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

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 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.03.104	1-03A-SR2	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - RIGID 1-03A-1-0-401A-SR2
F1.03.105	1-03A-SR3	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - RIGID 1-03A-1-0-401A-SR3
F1.03.106	1-03A-SR4	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - RIGID 1-03A-1-0-401A-SR4
F1.03.156	1-03A-H66	0-437A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - SWAY STRUT 1-03A-1-0-437A-H66
F1.03.157	1-03A-0701	0-401B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. B - SWAY STRUT 1-03A-401B-MB-0701
F1.03.158	1-03A-DE040	0-401B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. B - SWAY STRUT 1-03A-401B-DE040
F1.03.159	1-03A-H1	0-401B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. B - SPRING 1-03A-1-0-401B-H1
F1.03.160	1-03A-DE039	0-401B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. B - SWAY STRUT 1-03A-401B-DE039

PROGRAM: NISIRUNB-QA-0102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
F1.03.208	1-03A-H56	0-400B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - RIGID 1-03A-1-0-400B-H56
F1.03.209	1-03A-H57	0-400B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - RIGID 1-03A-1-0-400B-H57
F1.03.210	1-03A-SR56	0-400B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - HYD. S.S. SUPP. 1-03A-1-0-400B-SR56
F1.03.211	1-03A-H58	0-400B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - SPRING 1-03A-1-0-400B-H58
F1.03.212	1-03A-SR57	0-400B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR. - HYD. S.S. SUPP. 1-03A-1-0-400B-SR57
F1.03.228	1-03A-0100	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - SWAY STRUT 03A-401A-ADM-0100
F1.03.229	1-03A-H41	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - SWAY STRUT 1-03A-1-0-401A-H41
F1.03.230	1-03A-H42	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-401A-H42

PROGRAM: NISIRUNB-QA10102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PRQC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.03.235	1-03A-SR51	0-400A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - HYD. S.S. SUPP. 1-03A-1-0-400A-SR51
F1.03.236	1-03A-SR77	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-401A-SR77
F1.03.252	1-03A-H63	0-437A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-437A-H63
F1.03.315	1-03A-DE055	0-401B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-401B-DE055
F1.03.316	1-03A-DE054A	0-401B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-401B-DE054A
F1.03.317	1-03A-DE053	0-401B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-401B-DE053
F1.03.318	1-03A-DE051	0-401B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-401B-DE051
F1.03.319	1-03A-SR28	0-401B		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-401B-SR28

PROGRAM: NISIRUNB-Q 02
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.03.320	1-03A-H141	0-400A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-400A-H141
F1.03.321	1-03A-H161	0-400A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-400A-H161
F1.03.331	1-03A-DE029	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-401A-DE029
F1.03.332	1-03A-DE028	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-401A-DE028
F1.03.333	1-03A-DE027	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-401A-DE027
F1.03.334	1-03A-SR13	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-401A-SR13
F1.03.335	1-03A-DE025	0-401A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-401A-DE025
F1.03.375	1-03A-H137	0-400A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - SWAY STRUT 1-03A-1-0-400A-H137

PROGRAM: NISIRUNB-102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 1 INSERVICE INSPECTION LISTING RFO #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.03.376	1-03A-H154	0-400A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-400A-H154
F1.03.377	1-03A-H138	0-400A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-400A-H138
F1.03.378	1-03A-H139	0-400A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-400A-H139
F1.03.379	1-03A-H32	0-400A		VT	QAL-14	-----	06.00	-----	EMER. FDWTR - RIGID 1-03A-1-0-400A-H32
F1.03.461	1-07A-2111	0-400B		VT	QAL-14	-----	08.00	-----	LP & HP CONDENSATE - RIGID 1-07A-400B-TLM-2111
F1.03.462	1-07A-DE016	0-400B		VT	QAL-14	-----	08.00	-----	LP & HP CONDENSATE - RIGID 1-07A-400B-DE016
F1.03.463	1-07A-DE017	0-400B		VT	QAL-14	-----	08.00	-----	LP&HP CONDENSATE SWAY STRUT 1-07A-400B-DE017
F1.03.464	1-07A-DE018	0-400B		VT	QAL-14	-----	08.00	-----	LP & HP CONDENSATE - RIGID 1-07A-400B-DE018

PROGRAM: NISIRUNB-102
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 1 INSERVICE INSPECTION LISTING RFG #14

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
F1.03.465	1-07A-SR5	0-400B		VT	QAL-14	-----	08.00	-----	LP & HP CONDENSATE - RIGID 1-07A-0-400B-SR5
F1.03.469	1-07A-SR3	0-400A		VT	QAL-14	-----	08.00	-----	LP & HP CONDENSATE - RIGID 1-07A-0-400A-SR3
F1.03.470	1-07A-SR1	0-400A		VT	QAL-14	-----	08.00	-----	LP & HP CONDENSATE - RIGID 1-07A-0-400A-SR1
F1.03.471	1-07A-2102	0-400A		VT	QAL-14	-----	08.00	-----	LP & HP CONDENSATE-SWAY STRUT 1-07A-1-400A-GTE-2102
F1.03.475	1-07A-SR22	0-400B		VT	QAL-14	-----	30.00	-----	L.P. & H.P. CONDENSATE-RIGID 1-07A-400B-SR22
F1.03.476	1-07A-DE008	0-400B		VT	QAL-14	-----	08.00	-----	L.P. & H.P. CONDENSATE-RIGID 1-07A-400B-DE008

4.0 Results Of Inspections Performed During Outage 14

The results of each examination shown in the final ISI Plan (Section 3 of this report) are included in this section. The completion date and status for each examination are shown. All examinations revealing reportable indications are described in further detail in Section 5, 6, or 7 as applicable.

The information shown below is a field description for the reporting format included in this section of the report:

Item Number = ASME Section XI Tables IWB-2500-1 (Class 1),
IWC-2500-1 (Class 2), IWD-2500-1 (Class 3),
IWF-2500-1 (Class 1, Class 2 and Class 3),
Augmented and Alternate Requirements

ID Number = Unique Identification Number

Inspection Date = Date of Examination

Inspection Status

CLR = Clear
REC = Recordable
REP = Reportable

Inspection Limited

L = Limited
- = No

Geo. Ref. = Geometric Reflector

N = No
Y = Yes

Comments = General and/or Detail Description

PROGRAM: NISIRUND-04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B01

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
OCONEE INSERVICE INSPECTION RESULTS RFO #14

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DATE 03/11/93

ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
B01.030.001B	1RPV-WR19	12/15/92	CLR	L	N	INSP. 55.8% REF. RFR 93-1

PROGRAM: NISIRUND-000004
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B02

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
OCONEE INSERVICE INSPECTION RESULTS RFO #14

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DATE 03/11/93

ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B02.040.003	1SGB-WG58-1	12/06/92	REC	L	N	INSP.RFO#14 PER IWB-2420(B)
B02.060.007	1-LDCB-IN-V3	12/18/92	REC	-	Y	BASELINE OUT. 9
B02.060.008	1-LDCB-OUT-V4	12/18/92	CLR	L	N	BASELINE OUT. 9

PROGRAM: NISIRUND-Q 04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B03

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B03.150.007	1-LDCB-IN-V1	12/18/92	REC	L	Y	INSPECTED 94.04%
B03.150.008	1-LDCB-OUT-V2	12/18/92	CLR	L	N	INSPECTED 94.04%

PROGRAM: NISIRUND-QA104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B05

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B05.050.010	1PHB-17	01/11/93	CLR	L	N	INSPECTED 90.25%
B05.050.010A	1PHB-17	01/11/93	CLR	L	N	INSPECTED 90.25%
B05.050.010B	1PHB-17	01/11/93	CLR	-	N	_____
B05.050.013	1-53A-3-1A	01/11/93	CLR	L	N	INSPECTED 90.25%
B05.050.013A	1-53A-3-1A	01/11/93	REC	L	Y	INSPECTED 90.25%
B05.050.013B	1-53A-3-1A	01/11/93	CLR	-	-	_____

PROGRAM: NISIRUND-0004
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B06

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B06.040.001A	1RPV LIGAMENTS	12/13/92	CLR	L	N	INSP 84.5% REF. RFR 93-1

PROGRAM: NISIRUND-QA 04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B07

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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEQ. REF.	COMMENTS
=====	=====	=====	=====	=====	=====	=====
B07.070.019	1-50-LP-131	01/14/93	CLR	-	-	_____

PROGRAM: NISIRUND-QA13104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B09

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
B09.011.114	1PSL-2	12/21/92	CLR	-	-	_____
B09.011.114A	1PSL-2	12/29/92	CLR	-	-	_____
B09.011.115	1PSL-3	12/21/92	CLR	-	-	_____
B09.011.115A	1PSL-3	12/14/92	CLR	-	-	_____
B09.011.116	1PSL-4	12/21/92	CLR	-	-	_____
B09.011.116A	1PSL-4	12/14/92	CLR	-	-	_____
B09.011.117	1PSL-6	12/21/92	CLR	-	-	_____
B09.011.117A	1PSL-6	12/14/92	CLR	-	-	_____
B09.021.044	1-51A-10-21	12/09/92	CLR	-	-	_____
B09.021.045	1-51A-10-17	12/09/92	CLR	-	-	_____
B09.021.046	1-51A-10-10	12/10/92	CLR	-	-	_____
B09.021.047	1-51A-10-07	12/09/92	CLR	-	-	_____
B09.021.048	1-51A-10-06	12/09/92	CLR	-	-	_____
B09.021.049	1-51A-10-02	12/09/92	CLR	-	-	_____
B09.021.086	1-51A-135-10B	12/14/92	CLR	-	-	BASELINE OUTAGE 8

PROGRAM: NISIRUND-QA-004
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B09

DUKE POWER COMPANY
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
B09.031.002	1PHB-16	01/11/93	CLR	L	-	INSPECTED 90.98%
B09.031.002A	1PHB-16	01/11/93	CLR	-	-	_____
B09.040.004	1-50-127-19	12/09/92	CLR	-	-	_____
B09.040.005	1-50-127-16B	12/29/92	CLR	-	-	_____
B09.040.006	1-50-127-12	12/29/92	CLR	-	-	_____
B09.040.007	1-50-127-23	12/09/92	CLR	-	-	_____

PROGRAM: NISIRUND-QA 004
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B12

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEQ. REF.	COMMENTS
=====	=====	=====	=====	=====	=====	=====
B12.040.004	1-53A-CF-14	12/22/92	CLR	-	-	_____

PROGRAM: NISIRUND-QA 04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B15

DUKE POWER COMPANY
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
B15.011.001	1RPV-HYDRØ	01/29/93	CLR	-	N	
B15.021.001	1PZR-HYDRØ	01/29/93	CLR	-	N	
B15.031.001	1SGA-HYDRØ	01/29/93	REC	-	N	
B15.031.002	1SGB-HYDRØ	01/29/93	CLR	-	N	
B15.041.001	1LDC1A-HYDRØ	01/29/93	CLR	-	N	
B15.041.002	1LDC1B-HYDRØ	01/29/93	CLR	-	N	
B15.050.001A	1-ØFD-100A-1.2	01/29/93	CLR	-	N	
B15.050.004	1-ØFD-102A-1.1	01/29/93	CLR	-	N	
B15.051.001	1-ØFD-100A-1.1	01/29/93	CLR	-	N	
B15.051.001A	1-ØFD-100A-1.2	01/29/93	CLR	-	N	PARTIAL
B15.051.002	1-ØFD-101A-1.1	01/29/93	CLR	-	N	
B15.051.003	1-ØFD-101A-1.4	01/29/93	REC	-	N	
B15.051.004	1-ØFD-102A-1.1	01/29/93	CLR	-	N	PARTIAL
B15.051.005	1-ØFD-102A-1.2	01/29/93	CLR	-	N	
B15.051.006	1-ØFD-102A-1.3	01/29/93	REC	-	N	

PROGRAM: NISIRUND-QA15104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B15

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B15.051.007	1-ØFD-110A-1.1	01/29/93	CLR	-	N	_____
B15.051.009	1-ØFD-110A-1.4	01/29/93	CLR	-	N	_____
B15.061.001	1-RCP-1A1	01/29/93	REC	-	N	_____
B15.061.002	1-RCP-1A2	01/29/93	REC	-	N	_____
B15.061.003	1-RCP-1B1	01/29/93	CLR	-	N	_____
B15.061.004	1-RCP-1B2	01/29/93	CLR	-	N	_____

PROGRAM: NISIRUND-QA104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER B16

DUKE POWER COMPANY
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B16.011.001	ISGA-TUBES	01/03/93	REP	-	N	_____
B16.011.002	ISGB-TUBES	01/04/93	REP	-	N	_____

PROGRAM: NISIRUND-QA-004
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C01

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
C01.010.003	1SGA-WG8-3	12/17/92	REC	L	Y	INSPECTED 91.5%
C01.020.001	1-CFTA-UH-SHL	12/15/92	CLR	L	N	INSPECTED 96.5%
C01.020.005	1CFTB-LH-SHL	12/16/92	CLR	L	N	INSPECTED 98.8%

PROGRAM: NISIRUND-QA-004
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C02

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
C02.010.001	1LPCA-INLET	11/16/92	CLR	-	N	_____
C02.010.002	1LPCA-OUTLET	11/16/92	CLR	-	N	_____
C02.010.003	1LPCB-INLET	11/02/92	CLR	-	-	_____
C02.010.004	1LPCB-OUTLET	11/02/92	CLR	-	-	_____
C02.021.001A	1SGA-WG23-1	12/17/92	CLR	-	N	_____
C02.021.002A	1SGA-WG23-2	12/17/92	CLR	-	N	ADDED PER IWC-2430(A) RFO #13
C02.021.003A	1SGB-WG23-1	12/29/92	CLR	-	-	_____
C02.021.004A	1SGB-WG23-2	12/11/92	CLR	-	-	_____
C02.021.005A	1-CFTA-OUTLET	12/14/92	CLR	-	-	_____
C02.021.006A	1-CFTB-OUTLET	12/14/92	CLR	-	N	_____

PROGRAM: NISIRUND-QA-004
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C03

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QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEQ. REF.	COMMENTS
=====	=====	=====	=====	=====	=====	=====
C03.040.008	1-01A-R3	12/07/92	CLR	-	N	INSP.RFO #11 PER IWC-2430(A)
C03.040.012	1-01A-H4A	12/08/92	CLR	-	-	_____
C03.040.013	1-01A-H5A	12/22/92	CLR	-	-	_____
C03.040.014	1-01A-R13	12/28/92	CLR	-	-	_____
C03.040.015	1-01A-H4B	12/22/92	CLR	-	-	_____
C03.040.016	1-53B-H2	11/11/92	CLR	-	-	_____
C03.040.019	1-01A-H7A	12/08/92	CLR	-	-	_____
C03.040.020	1-01A-H2A	12/08/92	CLR	-	-	_____
C03.040.039	1-54A-R8	11/04/92	CLR	-	-	_____
C03.040.060	1-54A-H33	11/04/92	CLR	-	-	_____
C03.040.074	1-03-H11B	12/30/92	CLR	-	-	_____

PROGRAM: NISIRUND-QA15104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C05

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
C05.011.001	1-53B-08-130KF	11/02/92	CLR	-	-	
C05.011.002	1-53B-08-130KC	11/02/92	CLR	-	-	
C05.011.003	1-53B-08-127K	11/02/92	CLR	-	-	
C05.011.016	1-53B-6.4-55K	12/10/92	CLR	-	-	
C05.011.017	1-53B-6.4-50K	11/23/92	CLR	-	-	
C05.011.018	1-53B-6.4-47K	11/23/92	CLR	-	-	
C05.011.019	1-53B-6.4-43K	12/09/92	CLR	-	-	
C05.011.045	1-53B-3.3-29F	10/27/92	CLR	-	-	
C05.011.046	1-53B-3.3-17F	10/27/92	CLR	-	-	
C05.011.061	1-53B-3.3-14F	10/28/92	CLR	-	-	
C05.011.062	1-53B-3.3-12F	10/28/92	CLR	-	-	
C05.011.063	1-53B-3.3-4F	10/27/92	CLR	-	-	
C05.011.064	1-53B-3.3-1F	10/28/92	CLR	-	-	
C05.011.079	1-53B-1.1-B27B	10/28/92	CLR	-	-	
C05.011.079A	1-53B-1.1-B12	11/10/92	CLR	-	-	

PROGRAM: NISIRUND-Q 104
FILE: C007133
PLANT: O'CONNOR UNIT 1
KEY: ITEM NUMBER C05

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QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
C05.011.080	1-53B-1.1-B28	10/28/92	CLR	-	-	
C05.011.081	1-53B-1.1-B33A	10/27/92	CLR	-	-	
C05.011.083A	1-53B-2.2-A32	10/28/92	CLR	-	-	
C05.011.084	1-53B-2.2-A33	10/28/92	CLR	-	-	
C05.011.084A	1-53B-2.2-A29	10/27/92	CLR	-	-	
C05.011.085	1-53B-2.2-A30	10/27/92	CLR	-	-	
C05.011.085A	1-53B-2.2-A31	10/27/92	CLR	-	-	
C05.011.095	1-53B-10-B71	10/28/92	CLR	-	-	
C05.011.200	1-54A-1.2-3B	10/28/92	CLR	-	-	
C05.011.208	1-54A-3.1-7C	10/27/92	CLR	-	-	
C05.011.212	1-54A-4.1-23C	11/02/92	CLR	-	-	
C05.011.216	1-54A-4.2-37C	10/29/92	CLR	-	-	
C05.011.223	1-54A-1.3-26B	10/27/92	CLR	-	-	
C05.011.229	1-54A-3.2-17B	11/04/92	CLR	-	-	
C05.011.236	1-54A-4.3-77C	10/29/92	CLR	-	-	

PROGRAM: NISIRUND-04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C05

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
C05.011.239	1-54A-4.3-86C	10/29/92	CLR	-	-	
C05.011.250	1-56-02-28A	12/08/92	CLR	-	-	
C05.011.251	1-56-02-31AB	11/02/92	CLR	-	-	
C05.011.252	1-56-02-31AC	11/02/92	CLR	-	-	
C05.011.260	1-51A-1.1-18A	01/04/93	CLR	-	-	
C05.011.262	1-51A-1.1-2A	12/28/92	CLR	-	-	
C05.011.263	1-51A-1.1-24A	12/28/92	CLR	-	-	
C05.011.269	1-51A-1.2-61A	12/28/92	CLR	-	-	
C05.011.317	1-03A-5-98	12/08/92	CLR	-	-	
C05.011.401	1-55-03-88	12/08/92	CLR	-	-	
C05.011.402	1-55-05-48A	11/10/92	CLR	-	-	
C05.011.403	1-55-05-49	11/10/92	CLR	-	-	
C05.012.032	1-53B-08-130KFL	11/02/92	CLR	-	-	
C05.012.033	1-53B-08-130KCL	11/02/92	CLR	-	-	
C05.012.034	1-53B-08-127KL	11/02/92	CLR	-	-	

PROGRAM: NISIRUND-Q-104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C05

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
C05.012.035	1-53B-3.3-29FL	10/27/92	CLR	-	-	
C05.012.036	1-53B-3.3-17FL	10/27/92	CLR	-	-	
C05.012.037	1-53B-3.3-14FL	10/28/92	CLR	-	-	
C05.012.038	1-53B-3.3-12KL	10/28/92	CLR	-	-	
C05.012.039	1-53B-1.1-B27BL	10/28/92	CLR	-	-	
C05.012.040	1-53B-1.1-B28L	10/28/92	CLR	-	-	
C05.012.041	1-53B-1.1-B33AL	10/27/92	CLR	-	-	
C05.012.042	1-53B-2.2-A32L	10/28/92	CLR	-	-	
C05.012.043	1-53B-2.2-A33L	10/28/92	CLR	-	-	
C05.012.044	1-53B-2.2-A29L1	10/27/92	CLR	-	-	
C05.012.045	1-53B-2.2-A29L2	10/27/92	CLR	-	-	
C05.012.046	1-53B-2.2-A30L	10/27/92	CLR	-	-	
C05.012.047	1-53B-2.2-A31L	10/27/92	CLR	-	-	
C05.012.048	1-54A-1.2-3BL	10/28/92	CLR	-	-	
C05.012.049	1-54A-3.1-7CL	10/27/92	CLR	-	-	

PROGRAM: NISIRUND-QA-104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C05

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
C05.012.050	1-54A-4.2-37CL	10/29/92	CLR	-	-	
C05.012.051	1-54A-1.3-26BL	10/27/92	CLR	-	-	
C05.012.052	1-56-02-31ACL	11/02/92	CLR	-	-	
C05.012.053	1-53B-6.4-50KL	11/23/92	CLR	-	-	
C05.012.054	1-53B-6.4-47KL	11/23/92	CLR	-	-	
C05.012.055	1-53B-1.1-B12L	11/10/92	CLR	-	-	
C05.012.056	1-54A-4.1-23CL	11/02/92	CLR	-	-	
C05.012.057	1-53B-6.4-43KL	12/09/92	CLR	-	-	
C05.012.058	1-53B-6.4-43KL1	12/09/92	CLR	-	-	
C05.021.011	1-53A-2.4-69LA	12/18/92	REC	L	Y	
C05.021.011A	1-53A-2.4-69LA	12/14/92	CLR	-	-	
C05.021.105	1-03-9-WG91A	12/30/92	CLR	-	-	
C05.021.105A	1-03-9-WG91A	12/17/92	CLR	-	N	ADDED PER IWC-2430(A) RFO#13
C05.021.107	1-03-9-WG91E	12/20/92	CLR	-	-	
C05.021.107A	1-03-9-WG91E	12/17/92	CLR	-	N	ADDED PER IWC-2430(A) RFO #13

PROGRAM: NISIRUND-QA15104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C05

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
C05.021.108	1-03-9-WG91G	12/30/92	CLR	-	-	_____
C05.021.108A	1-03-9-WG91G	12/17/92	CLR	-	N	ADDED PER IWC-2430(A) RFO #13
C05.021.115	1-03-10-WG91B	12/18/92	CLR	-	-	_____
C05.021.115A	1-03-10-WG91B	12/17/92	CLR	-	N	ADDED PER IWC-2430(A) RFO#13
C05.021.118	1-03-10-WG91C	12/18/92	CLR	-	N	_____
C05.021.118A	1-03-10-WG91C	12/17/92	CLR	-	N	_____
C05.031.023	1-01A-1.3-DP207	12/10/92	CLR	-	-	_____

PROGRAM: NISIRUND-QA-0104
 FILE: C007133
 PLANT: OCONEE UNIT 1
 KEY: ITEM NUMBER C07

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
C07.011.001	1LPCA	12/10/92	CLR	-	N	_____
C07.011.002	1LPCB	12/10/92	CLR	-	N	_____
C07.011.003	1CFT1A	01/29/93	CLR	-	N	_____
C07.011.004	1CFT1B	01/29/93	CLR	-	N	_____
C07.011.005	1SG1A	01/29/93	CLR	-	N	_____
C07.011.006	1SG1B	01/29/93	CLR	-	N	_____
C07.021.001	1-OFD-100A-1.1	01/29/93	CLR	-	N	PARTIAL
C07.021.002	1-OFD-100A-1.2	12/07/92	CLR	-	N	PARTIAL
C07.021.002A	1-OFD-100A-1.2	01/26/93	CLR	-	N	_____
C07.021.004	1-OFD-101A-1.2	01/13/93	CLR	-	N	PARTIAL
C07.021.005	1-OFD-101A-1.3	12/10/92	CLR	-	N	PARTIAL
C07.021.006	1-OFD-101A-1.4	01/29/93	REC	-	N	PARTIAL
C07.021.007	1-OFD-101A-1.5	12/30/92	CLR	-	N	_____
C07.021.008	1-OFD-102A-1.1	01/29/93	CLR	-	N	_____
C07.021.009	1-OFD-102A-1.2	12/27/92	REC	-	N	PARTIAL

PROGRAM: NISIRUND-0104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C07

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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEO. REF.	COMMENTS
=====	=====	=====	=====	=====	=====	=====
C07.021.010	1-0FD-102A-1.3	01/29/93	CLR	-	N	PARTIAL
C07.021.011	1-0FD-103A-1.1	10/29/92	CLR	-	N	_____
C07.021.012	1-0FD-104A-1.1	12/30/92	CLR	-	N	PARTIAL
C07.021.013	1-0FD-104A-1.2	10/29/92	CLR	-	N	_____
C07.021.014	1-0FD-106E-1.1	01/04/93	CLR	-	N	PARTIAL
C07.021.015	1-0FD-107A-1.1	01/04/93	CLR	-	N	_____
C07.021.016	1-0FD-107A-1.2	01/13/93	CLR	-	N	_____
C07.021.017	1-0FD-107B-1.1	01/18/93	CLR	-	N	_____
C07.021.019	1-0FD-110A-1.1	01/29/93	CLR	-	N	_____
C07.021.020	1-0FD-110A-1.3	01/04/93	REC	-	N	_____
C07.021.021	1-0FD-116A-1.1	01/26/93	CLR	-	N	_____
C07.021.022	1-0FD-116C-1.1	12/30/92	CLR	-	N	PARTIAL
C07.021.023	1-0FD-121B-1.3	01/29/93	CLR	-	N	_____
C07.021.024	1-0FD-121B-1.5	01/30/93	REC	-	N	PARTIAL
C07.021.025	1-0FD-121D-1.1	01/30/93	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER C07

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QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
C07.021.026	1-ØFD-121D-1.2	01/30/93	CLR	-	N	_____
C07.021.027	1-ØFD-122A-1.1	01/29/93	CLR	-	N	_____
C07.021.028	1-ØFD-122A-1.2	01/29/93	CLR	-	N	_____
C07.021.029	1-ØFD-122A-1.3	01/29/93	CLR	-	N	_____
C07.021.030	1-ØFD-122A-1.4	01/29/93	CLR	-	N	_____
C07.021.033	1-ØFD-127B-1.2	01/26/93	CLR	-	N	PARTIAL
C07.021.034	1-ØFD-137A-1.2	01/05/93	CLR	-	N	PARTIAL
C07.021.035	1-ØFD-137B-1.2	12/21/92	CLR	-	N	_____
C07.021.039	1-ØFD-110A-1.4	01/19/93	CLR	-	N	_____
C07.021.041	1-ØFD-107D-1.2	01/18/93	CLR	-	N	_____
C07.031.003	1LPI PUMP-1C	12/10/92	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER D01

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
D01.012.001A	1-OFD-100A-1.3	01/09/93	CLR	-	N	_____
D01.012.002	1-OFD-101A-1.1	01/09/93	CLR	-	N	PARTIAL
D01.012.003	1-OFD-101A-1.2	12/11/92	CLR	-	N	_____
D01.012.005	1-OFD-101A-1.4	12/11/92	REC	-	N	PARTIAL
D01.012.007	1-OFD-106A-1.2	10/29/92	CLR	-	N	PARTIAL
D01.012.014	1-OFD-102A-1.1	10/29/92	CLR	-	N	_____
D01.012.017	1-OFD-110A-1.4	01/19/93	CLR	-	N	PARTIAL

PROGRAM: NISIRUND-QAISI04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER D02

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
D02.012.001A	1-ØFD-110A-1.3	01/04/93	CLR	-	N	PARTIAL
D02.012.003	1-ØFD-121A-1.7	12/06/92	CLR	-	N	PARTIAL
D02.012.004	1-ØFD-121A-1.8	12/07/92	REC	-	N	PARTIAL
D02.012.009	1-ØFD-121D-1.1	01/18/93	REC	-	N	PARTIAL
D02.012.010	1-ØFD-121D-1.2	01/18/93	CLR	-	N	PARTIAL
D02.012.013	1-ØFD-122A-1.4	12/30/92	REC	-	N	PARTIAL
D02.012.021	1-ØFD-133A-2.5	12/30/92	REC	-	N	PARTIAL
D02.012.022	1-ØFD-133A-1.1	01/16/93	CLR	-	N	PARTIAL
D02.012.023	1-ØFD-133A-1.2	01/16/93	REC	-	N	PARTIAL
D02.012.024	1-ØFD-133A-1.4	01/16/93	CLR	-	N	PARTIAL
D02.012.025	1-ØFD-133A-1.5	01/16/93	CLR	-	N	_____
D02.012.027	1-ØFD-133A-2.2	01/16/93	CLR	-	N	_____
D02.012.028	1-ØFD-133A-3.2	01/16/93	CLR	-	N	_____
D02.012.029	1-ØFD-133A-3.4	01/16/93	CLR	-	N	_____
D02.012.030	1-ØFD-133A-1.3	01/16/93	CLR	-	N	_____

PROGRAM: NISIRUND-QA10104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER D02

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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEQ. REF.	COMMENTS
=====	=====	=====	=====	=====	=====	=====
D02.012.032	1-0FD-124A-1.3	01/07/93	CLR	-	N	PARTIAL
D02.012.034	1-0FD-124B-1.1	12/29/92	REC	-	N	PARTIAL
D02.012.035	1-0FD-124B-2.1	12/23/92	CLR	-	N	PARTIAL
D02.012.036	1-0FD-124B-1.2	12/28/92	CLR	-	N	PARTIAL
D02.012.037	1-0FD-124B-1.4	12/28/92	CLR	-	N	PARTIAL
D02.020.005	1-03A-SR77	11/10/92	CLR	-	-	_____
D02.020.045	1-03A-H63	01/05/93	CLR	-	-	_____
D02.020.047	1-03A-SR95	11/24/92	CLR	-	-	_____
D02.020.048	1-03A-SR92	01/05/93	CLR	-	-	_____
D02.020.049	1-03A-SR93	01/05/93	CLR	-	-	_____
D02.020.050	1-03A-SR100	10/27/92	CLR	-	-	_____
D02.020.051	1-03A-SR83	11/17/92	REC	-	-	_____
D02.020.052	1-03A-SR71	11/11/92	CLR	-	-	_____
D02.020.053	1-03A-SR69	11/09/92	CLR	-	-	_____
D02.020.054	1-03A-SR67	11/24/92	CLR	-	-	_____

PROGRAM: NISIRUND-QA-0204
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER D02

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
D02.020.055	1-03A-SR91	01/08/93	CLR	-	-	_____
D02.020.056	1-03A-SR74	11/10/92	CLR	-	-	_____
D02.020.057	1-03A-SR73	11/10/92	CLR	-	-	_____
D02.020.058	1-03A-SR76	11/24/92	CLR	-	-	_____
D02.020.100	1-03A-H3A	12/20/92	REC	-	-	_____
D02.020.104	1-03A-H3B	12/10/92	CLR	-	-	_____
D02.020.105	1-03A-SR65	11/17/92	REC	-	-	_____
D02.040.005	1-03-H48	12/28/92	CLR	-	-	_____

PROGRAM: NISIRUND-Q-04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER D03

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
D03.012.001	1-0FD-104A-1.1	12/30/92	CLR	-	N	_____

PROGRAM: NISIRUND-QA10104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER E01

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
E01.001.001	1RCP-1A1	12/19/92	CLR	L	N	INSPECTED 91.8%

PROGRAM: NISIRUND-QA-0204
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER E05

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
E05.001.002	1PSL-133	12/21/92	CLR	-	-	_____
E05.001.003	1PSL-142	12/21/92	CLR	-	-	_____

PROGRAM: NISIRUND-Q 04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER E09

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
E09.001.015	1-03A-11-158D	12/19/92	CLR	-	-	
E09.001.016	1-03A-11-165D	12/09/92	CLR	-	-	
E09.001.017	1-03A-11-11VEN	12/09/92	CLR	-	-	
E09.001.018	1-03A-11-164D	12/09/92	CLR	-	-	
E09.001.019	1-03A-11-12VEN	12/09/92	CLR	-	-	
E09.001.020	1-03A-11-163D	12/09/92	CLR	-	-	
E09.001.021	1-03A-11-13VEN	12/09/92	CLR	-	-	
E09.001.022	1-03A-11-162D	12/10/92	CLR	-	-	
E09.001.023	1-03A-11-14VEN	12/10/92	CLR	-	-	
E09.001.024	1-03A-11-161D	12/10/92	CLR	-	-	
E09.001.025	1-03A-11-15VEN	12/10/92	CLR	-	-	
E09.001.026	1-03A-11-160D	12/10/92	CLR	-	-	
E09.001.027	1-03A-11-16VEN	12/10/92	CLR	-	-	
E09.001.028	1-03A-11-159D	12/10/92	CLR	-	-	
E09.001.029	1-03A-11-17VEN	12/10/92	CLR	-	-	

PROGRAM: NISIRUND-QA104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER E09

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
E09.001.030	1-03A-11-10VEN	12/19/92	CLR	-	-	_____
E09.001.031	1-03A-11-18VEN	12/18/92	CLR	-	-	_____

PROGRAM: NISIRUND-QA104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER E10

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
E10.001.001	1PZR-WP63-1	12/14/92	CLR	-	-	_____
E10.001.002	1PZR-WP63-2	12/14/92	CLR	-	-	_____
E10.001.003	1PZR-WP63-3	12/14/92	CLR	-	-	_____
E10.001.004	1PZR-WP63-4	12/14/92	CLR	-	-	_____
E10.001.005	1PZR-WP63-5	12/14/92	CLR	-	-	_____
E10.001.006	1PZR-WP63-6	12/14/92	CLR	-	-	_____
E10.001.007	1PZR-WP63-7	12/16/92	CLR	-	-	_____

PROGRAM: NISIRUND-000104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEQ. REF.	COMMENTS
=====	=====	=====	=====	=====	=====	=====
F1.01.074	1-51A-H5C	12/16/92	REC	-	N	INSP.RFO#12 PER IWF-2430(A)
F1.01.075	1-51A-H6C	12/16/92	REC	-	-	_____
F1.01.076	1-51A-H7C	12/16/92	REC	-	N	INSP.RFO#12 PER IWF-2430(A)
F1.01.077	1-51A-H1A	12/10/92	CLR	-	-	_____
F1.01.078	1-51A-H2A	12/10/92	CLR	-	N	INSP.RFO#12 PER IWF-2430(A)
F1.01.083	1-51A-H7A	12/10/92	CLR	-	N	_____
F1.01.084	1-51A-H8A	12/10/92	REC	-	N	INSP.RFO#12 PER IWF-2430(A)
F1.01.085	1-51A-H9A	12/10/92	REC	-	N	INSP.RFO#12 PER IWF-2430(A)
F1.01.158	1-53A-H4B	12/16/92	REC	-	-	_____
F1.01.159	1-53A-H30C	12/10/92	CLR	-	-	_____
F1.01.160	1-53A-H31C	12/10/92	CLR	-	-	_____
F1.01.162	1-53A-H33C	12/16/92	CLR	-	-	_____
F1.01.163	1-53A-H34C	12/16/92	REC	-	-	_____
F1.01.168	1-53A-H40C	12/10/92	REC	-	-	_____
F1.01.169	1-53A-H42C	12/10/92	REC	-	-	_____

PROGRAM: NISIRUND-104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
F1.01.223	1-RPV-WR36	01/09/93	CLR	-	-	_____
F1.01.224	1SGA-SKIRT	01/10/93	CLR	-	-	_____
F1.02.001	1-01A-H7A	12/10/92	REC	-	-	_____
F1.02.002	1-01A-H3A	12/10/92	REC	-	-	_____
F1.02.003	1-01A-H4A	12/10/92	CLR	-	-	_____
F1.02.004	1-01A-H1A	12/10/92	CLR	-	-	_____
F1.02.005	1-01A-H2A	12/10/92	CLR	-	-	_____
F1.02.008	1-01A-H6A	12/10/92	CLR	-	-	_____
F1.02.009	1-01A-H5A	12/10/92	CLR	-	-	_____
F1.02.019	1-01A-R13	12/29/92	CLR	-	-	_____
F1.02.020	1-01A-R3	12/05/92	REC	-	-	_____
F1.02.021	1-01A-H5	12/05/92	REC	-	-	_____
F1.02.029	1-01A-H10	12/06/92	CLR	-	-	_____
F1.02.030	1-01A-R4	11/23/92	REC	-	-	_____
F1.02.031	1-01A-H15	12/30/92	REC	-	-	_____

PROGRAM: NISIRUND-04
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
F1.02.033	1-01A-H7	12/05/92	CLR	-	-	
F1.02.034	1-01A-H43	12/05/92	CLR	-	-	
F1.02.035	1-01A-H4B	12/20/92	CLR	-	-	
F1.02.061	1-01A-R11	12/28/92	CLR	-	-	
F1.02.062	1-01A-H19	12/06/92	REC	-	-	
F1.02.063	1-01A-H20	10/26/92	CLR	-	-	
F1.02.064	1-01A-H21	12/08/92	REC	-	-	
F1.02.210	1-51A-SR59	12/28/92	CLR	-	-	
F1.02.277	1-53B-H26	11/24/92	CLR	-	-	
F1.02.278	1-53B-DE055	11/24/92	CLR	-	-	
F1.02.281	1-53B-DE012	11/24/92	CLR	-	-	
F1.02.290	1-53B-DE051	01/05/93	CLR	-	-	
F1.02.299	1-53B-H1	11/17/92	REC	-	-	
F1.02.300	1-53B-DE058	11/17/92	CLR	-	-	
F1.02.301	1-53B-H2	11/18/92	REC	-	-	

PROGRAM: NISIRUND-004
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
F1.02.302	1-53B-DE060	11/18/92	CLR	-	-	
F1.02.303	1-53B-H9	12/03/92	CLR	-	-	
F1.02.304	1-53B-H19	12/03/92	CLR	-	-	
F1.02.320	1-53B-H50	11/12/92	CLR	-	-	
F1.02.321	1-53B-R12	11/12/92	CLR	-	-	
F1.02.322	1-53B-H59	11/12/92	CLR	-	-	
F1.02.333	1-53B-H13	12/03/92	CLR	-	-	
F1.02.359	1-53B-H8	12/10/92	CLR	-	-	
F1.02.366	1-53B-H13	11/18/92	CLR	-	-	
F1.02.368	1-53B-DE067	12/15/92	REC	-	-	
F1.02.373	1-53B-H30	11/18/92	CLR	-	N	
F1.02.375	1-53B-R35	12/10/92	REC	-	-	
F1.02.385	1-53B-DE066	11/18/92	CLR	-	-	
F1.02.386	1-53B-DE079	11/18/92	REC	-	-	
F1.02.388	1-53B-DE024	11/18/92	CLR	-	-	

PROGRAM: NISIRUND-QA13104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
OCONEE INSERVICE INSPECTION RESULTS RFO #14

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
F1.02.466	1-54A-H21	11/18/92	CLR	-	-	
F1.02.467	1-54A-R8	11/18/92	CLR	-	N	ADDED PER IWF-2430(A) RFO #13
F1.02.469	1-54A-H1	11/18/92	REC	-	-	
F1.02.490	1-54A-H24	11/12/92	CLR	-	N	ADDED PER IWF-2430(A) RFO #13
F1.02.491	1-54A-H23	11/12/92	CLR	-	N	ADDED PER IWF-2430(A) RFO #13
F1.02.492	1-54A-H21	11/12/92	CLR	-	N	ADDED PER IWF-2430(A) RFO #13
F1.02.553	1-55-DE003	11/12/92	REC	-	-	
F1.03.067	1-03-H48	12/28/92	CLR	-	-	
F1.03.068	1-03A-SR92	01/05/93	CLR	-	-	
F1.03.069	1-03A-SR63	11/24/92	CLR	-	-	
F1.03.071	1-03A-H153	11/11/92	CLR	-	-	
F1.03.073	1-03A-SR95	11/24/92	CLR	-	-	
F1.03.074	1-03A-SR93	01/05/93	CLR	-	-	
F1.03.075	1-03A-SR100	10/27/92	CLR	-	-	
F1.03.076	1-03A-SR83	11/17/92	REC	-	-	

PROGRAM: NISIRUND-000004
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
F1.03.077	1-03A-SR71	11/11/92	REC	-	-	
F1.03.078	1-03A-SR69	11/09/92	CLR	-	-	
F1.03.079	1-03A-SR67	11/24/92	REC	-	-	
F1.03.080	1-03A-SR91	01/08/93	CLR	-	-	
F1.03.081	1-03A-SR74	11/10/92	CLR	-	-	
F1.03.082	1-03A-SR73	11/10/92	CLR	-	-	
F1.03.083	1-03A-SR76	11/24/92	REC	-	-	
F1.03.084	1-03A-H3A	12/20/92	CLR	-	-	
F1.03.085	1-03A-H3B	12/10/92	CLR	-	-	
F1.03.086	1-03A-SR65	11/17/92	REC	-	-	
F1.03.104	1-03A-SR2	11/17/92	CLR	-	-	
F1.03.105	1-03A-SR3	11/10/92	CLR	-	-	
F1.03.106	1-03A-SR4	11/10/92	CLR	-	-	
F1.03.156	1-03A-H66	12/24/92	CLR	-	-	
F1.03.157	1-03A-0701	11/12/92	REC	-	-	

PROGRAM: NISIRUND-QA104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
F1.03.158	1-03A-DE040	11/12/92	CLR	-	-	
F1.03.159	1-03A-H1	11/12/92	CLR	-	-	
F1.03.160	1-03A-DE039	11/12/92	REC	-	-	
F1.03.208	1-03A-H56	11/12/92	REC	-	-	
F1.03.209	1-03A-H57	11/09/92	CLR	-	-	
F1.03.210	1-03A-SR56	11/10/92	REC	-	-	
F1.03.211	1-03A-H58	11/17/92	REC	-	-	
F1.03.212	1-03A-SR57	11/10/92	CLR	-	-	
F1.03.228	1-03A-0100	11/17/92	CLR	-	-	
F1.03.229	1-03A-H41	11/10/92	CLR	-	-	
F1.03.230	1-03A-H42	10/28/92	CLR	-	-	
F1.03.235	1-03A-SR51	10/28/92	CLR	-	-	
F1.03.236	1-03A-SR77	11/10/92	CLR	-	-	
F1.03.252	1-03A-H63	01/05/93	CLR	-	-	
F1.03.315	1-03A-DE055	11/24/92	REC	-	-	

PROGRAM: NISIRUND-Q-104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEØ. REF.	COMMENTS
=====	=====	=====	=====	=====	=====	=====
F1.03.316	1-03A-DE054A	11/24/92	CLR	-	-	
F1.03.317	1-03A-DE053	10/28/92	CLR	-	-	
F1.03.318	1-03A-DE051	11/24/92	CLR	-	-	
F1.03.319	1-03A-SR28	10/28/92	CLR	-	-	
F1.03.320	1-03A-H141	11/16/92	CLR	-	-	
F1.03.321	1-03A-H161	11/16/92	CLR	-	-	
F1.03.331	1-03A-DE029	11/24/92	REC	-	-	
F1.03.332	1-03A-DE028	10/28/92	CLR	-	-	
F1.03.333	1-03A-DE027	10/28/92	REC	-	-	
F1.03.334	1-03A-SR13	11/12/92	CLR	-	-	
F1.03.335	1-03A-DE025	10/20/92	REC	-	-	
F1.03.375	1-03A-H137	11/11/92	CLR	-	-	
F1.03.376	1-03A-H154	11/11/92	REC	-	-	
F1.03.377	1-03A-H138	11/11/92	CLR	-	-	
F1.03.378	1-03A-H139	11/09/92	REC	-	-	

PROGRAM: NISIRUND-QA13104
FILE: C007133
PLANT: OCONEE UNIT 1
KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
F1.03.379	1-03A-H32	11/09/92	CLR	-	-	_____
F1.03.461	1-07A-2111	11/09/92	CLR	-	-	_____
F1.03.462	1-07A-DE016	12/05/92	REC	-	-	_____
F1.03.463	1-07A-DE017	11/10/92	CLR	-	-	_____
F1.03.464	1-07A-DE018	11/10/92	REC	-	-	_____
F1.03.465	1-07A-SR5	01/01/93	REC	-	-	_____
F1.03.469	1-07A-SR3	11/16/92	CLR	-	-	_____
F1.03.470	1-07A-SR1	11/16/92	CLR	-	-	_____
F1.03.471	1-07A-2102	11/16/92	CLR	-	-	_____
F1.03.475	1-07A-SR22	11/12/92	CLR	-	-	_____
F1.03.476	1-07A-DE008	11/17/92	CLR	-	-	_____

5.0 Class 1 Inspection Results

Examinations were performed during Outage 14 on the Reactor Vessel, Steam Generators 1A and 1B, Letdown Cooler B, Class 1 Piping of the Reactor Coolant, Pressurizer Surge Line, High Pressure Injection and Low Pressure Injection Systems, Reactor Coolant Valve Bolting, Studs and Nuts, Low Pressure Injection Valve Body and Supports.

5.1 Reactor Vessel

The Reactor Vessel Shell to Flange Weld (Item Number B01.030.001B), and the Threads in the Reactor Vessel Flange (Item Number B06.040.001A) were examined by ultrasonics. No reportable indications were identified; however, we did submit a Request for Relief due to limited examination coverage. Reference Request for Relief serial number 93-1, that is located in Section 10 of this report.

The Reactor Vessel Support Skirt (Item Number F1.01.223) received a VT 3 visual examination. No reportable indications were identified.

5.2 Pressurizer

Pressurizer Sensing and Sampling Nozzle to Safe End Welds located between "W-X" Axis, "Y-Z" Axis, and "Z-W" Axis received a dye penetrant examination. No reportable indications were identified.

5.3 Steam Generators

Reportable indications in Steam Generator 1B Upper Head-to-Tubesheet Weld, 1SGB-WG58-1 (Item Number B02.040.003), detected during Outage 8 were re-examined by ultrasonics during Outage 14, per ASME Section XI, Paragraph IWB-2420(b). No reportable indications were identified.

Steam Generator 1A Support Skirt (Item Number F1.01.224) received a VT 3 visual examination. No reportable conditions were identified.

5.4 Piping

Dissimilar Metal Butt Welds:

Two (2) dissimilar metal butt welds, nominal pipe size four inches and greater received an ultrasonic and a dye penetrant examination. No reportable indications were identified.

Similar Metal Welds:

Nominal Pipe Size Four Inches And Greater:

Four (4) circumferential butt welds, were examined by ultrasonic and dye penetrant techniques. No reportable indications were identified.

One (1) branch pipe connection weld received a magnetic particle examination. No reportable indications were identified.

Nominal Pipe Size Four Inches And Smaller:

Seven (7) circumferential welds received a dye penetrant examination. No reportable indications were identified.

Four (4) Class 1 socket welds received a dye penetrant examination. No reportable indications were identified.

Piping Supports:

Seventeen (17) Class 1 Component Supports received a visual examination as required by ASME Section XI, Article IWF-2000. No reportable conditions were identified.

5.5 Valves

The pressure retaining bolting on Valve 1LP131 (Item Number B07.070.019) received a visual examination. Also, valve body 1CF14 received a visual examination. No reportable conditions were found on either valve.

5.6 Heat Exchangers

The Letdown Cooler B Heat Exchanger Tubesheet to Shell welds (Item Numbers B02.060.007 and B02.060.008) and the Letdown Cooler B Heat Exchanger Nozzle to Vessel welds (Item Numbers B03.150.007 and B03.150.008) were examined by ultrasonic techniques. No reportable indications were identified.

5.7 Steam Generator Tubing

The Inconel 600 tubing in the two Babcock and Wilcox Once-Through Steam Generators (OTSGs) A and B at Duke Power Company's Oconee Unit 1, were examined by eddy current techniques during December 1992. The tubing in the generators measure 0.625 inch nominal outside diameter with a 0.037 inch nominal wall thickness. The examinations were performed by Duke Power, Zetec and Babcock and Wilcox Nuclear Services (BWNS) Company during the 14th refueling outage.

A full length magnetic-bias bobbin coil examination was performed on 100% of the tubes in generators A and B. All inservice sleeves were examined with a bobbin/crosswound probe. A motorized rotating pancake coil (MRPC) probe was used to examine sleeve upper rolls, inlet and outlet rolled plugs. Special interest locations were examined with three-coil MRPC probes.

The following is a summary of the results of the eddy current examinations for each generator.

OTSG A:

- Eddy Current examinations began on 12/12/92 and were completed on 1/3/93.
- 139 tubes were removed from service by plugging.
- 15,379 tubes were examined full length with a bobbin coil probe.
- 91 tubes exhibited indications of 40% thru-wall (TW) or greater reported with the bobbin coil probe.
- 129 tubes exhibited indications 20-39% TW reported with the bobbin coil probe.
- 260 tubes with sleeves were examined with a bobbin/crosswound probe.

- 68 tubes in the lane/wedge region were examined at the 15th Tube Support Plate (TSP) and Upper Tubesheet Secondary Face (UTSF) intersections with a 3-coil MRPC probe.
- 434 tubes were examined for special interest using the 3-coil MRPC probe.
- 56 inlet rolled plugs and 61 outlet rolled plugs were examined with the single coil MRPC probe.
- 242 upper rolls in the sleeves were examined with a MRPC probe.

OTSG B:

- Eddy Current examinations began 12/12/92 and were completed on 1/4/93.
- 473 tubes were removed from service by plugging.
- 14,954 tubes were examined full length with a bobbin coil probe.
- 313 tubes exhibited indications of 40% TW or greater reported with the bobbin coil probe.
- 388 tubes exhibited indications of 20-39% TW reported with the bobbin coil probe.
- 204 tubes with sleeves were examined with a bobbin/crosswound probe.
- 67 tubes in the lane/wedge region were examined at the 15th TSP and UTSF intersections with the 3-coil MRPC probe.
- 928 tubes were examined for special interest using the 3-coil MRPC probe.
- 155 inlet rolled plugs and 165 outlet rolled plugs were examined with the single coil MRPC probe.
- 202 upper rolls in the sleeves were examined with a MRPC probe.

A detailed description of the Oconee 1 Refueling Outage 14 eddy current inspection is provided in the December 1992 Eddy Current Examination Report on file at the Corporate Office in Charlotte, North Carolina.

5.8 System Leakage Tests

The Class 1 Pressure Boundary was subjected to a system leakage test and a system hydrostatic test as required by ASME Section XI, Article IWB-5000. No reportable conditions were identified.

5.9 Class 1 Repairs and Replacements

Repairs and replacements for work performed from September 26, 1991 to February 5, 1993 are itemized in Section 11 of this report.

6.0 Class 2 Inspection Results

Inspections were performed during Outage 14 on Steam Generators 1A, Core Flood Tanks 1A and 1B, Low Pressure Injection Coolers A and B, piping integrally-welded attachments, piping welds on the High Pressure Injection, Low Pressure Injection, Reactor Building Spray, Spent Fuel Cooling, Component Cooling, Auxiliary Feedwater, and Main Steam Systems and supports.

6.1 Steam Generators

Steam Generator 1A Nozzle Belt to Shell Circumferential Weld (Item Number C01.010.003) received an ultrasonic examination. No reportable indications were identified.

Steam Generator 1A and 1B Outlet Nozzle to Shell Welds (Item Numbers C02.021.001A, C02.021.002A, C02.021.003A, and C02.021.004A) received a magnetic particle examination. No reportable indications were identified.

6.2 Core Flood Tanks

Core Flood Tanks 1A and 1B Head to Shell Welds (Item Numbers C01.020.001 and C01.020.005) were examined by ultrasonics. No reportable indications were identified.

Core Flood Tanks 1A and 1B Outlet Nozzle to Shell Welds (Item Numbers C02.021.005A and C02.021.006A) received a magnetic particle examination. No reportable indications were identified.

6.3 Heat Exchangers

Low Pressure Injection Coolers A and B Inlet and Outlet Nozzle to Shell Welds (Item Numbers C02.010.001, C02.010.002, C02.010.003, and C02.010.004) received a dye penetrant examination. No reportable indications were identified.

6.4 Piping

Welds One-Half Inch And Less Nominal Wall Thickness:

Forty-two (42) circumferential welds and twenty-seven (27) longitudinal welds received a surface (either a dye penetrant or magnetic particle) examination. No reportable indications were identified.

Welds Greater Than One-Half Inch Nominal Wall Thickness:

Five (5) circumferential welds received a radiographic and a magnetic particle examination. No reportable indications were identified.

One (1) circumferential weld received an ultrasonic and a liquid penetrant examination. No reportable indications were identified.

One (1) pipe branch connection circumferential welds received a magnetic particle examination. No reportable indications were identified.

Piping Integrally-Welded Attachments:

Eleven (11) attachments received a surface (either a dye penetrant or magnetic particle) examination. No reportable indications were identified.

6.5 Component Supports

Fifty (50) Class 2 Component Supports received a visual examination as required by ASME Section XI, Article IWF-2000. No reportable conditions were identified.

6.6 System or Component Functional/Hydrostatic Tests

Class 2 Hydrostatic Tests were performed as required by ASME Section XI, Article IWC-5000. No reportable conditions were found.

6.7 Class 2 Repairs and Replacements

Repairs and Replacements for work performed from September 26, 1991 to February 5, 1993 are itemized in Section 11 of this report.

7.0 Augmented Inspection and Alternate Examination Results

Augmented inspections were performed on Reactor Coolant Pump 1A1 Flywheel, Pressurizer Surge Line, Auxiliary Feedwater Header (PSC-21-82) Water Hammer Concern and the Pressurizer Sensing/Sampling Nozzle Safe Ends.

7.1 Reactor Coolant Pump Flywheels

Reactor Coolant Pump 1A1 Flywheel received an ultrasonic examination. No reportable indications were identified.

7.2 Pressurizer Surge Line

Two (2) welds received an ultrasonic examination as required by ASME Section XI IWB-2500-1 (exceeding stress criteria). No reportable indications were found.

7.3 Auxiliary Feedwater Header (PSC-21-82) Water Hammer Examinations

Fourteen (14) welds received a magnetic particle and three (3) welds received a radiographic examination in accordance with the Auxiliary Feedwater Header (PSC-21-82) Water Hammer Concern. No reportable indications were identified.

7.4 Pressurizer Sensing/Sampling Nozzle Safe Ends

Seven (7) Pressurizer Sensing/Sampling Nozzle Safe Ends received a dye penetrant examination. No reportable indications were identified.

8.0 Personnel, Equipment and Material Certifications

All personnel who performed or evaluated the results of inservice inspections from September 26, 1991 to February 5, 1993 at Oconee 1 were certified in accordance with the requirements of 1980 Edition of ASME Section XI with Addenda through Winter 1980. The appropriate certification records for each Duke Power Company inspector are on file at Oconee Nuclear Station or in the Corporate Offices in Charlotte, North Carolina. The certification records for the Babcock & Wilcox inspectors are on file at the Babcock & Wilcox Offices in Lynchburg, Virginia.

Records of periodic calibration of Duke Power Company inspection equipment are on file at Oconee Nuclear Station or in the Corporate Offices in Charlotte, North Carolina.

9.0 Problem Investigation Reports

No Problem Investigation Reports resulting from reportable items, were originated during Outage 14.

10.0 Reference Documents

The following reference documents apply to the inservice inspection performed during Outage 14 at Oconee 1.

Duke Power Company Request for Relief 93-1.

DUKE POWER COMPANY
Request for Relief From
Inservice Inspection Requirement

Station: Oconee

Unit: 1

Requesting Department: Nuclear Generation Department

Reference Code: ASME Boiler and Pressure Vessel Code, Section XI 1980 Edition
through Winter 1980 Addenda

I. Component for which exemption is requested:

- a. Name and Identification Number: See Attachment 1
- b. Function: See Attachment 1
- c. ASME Section XI Code Class: 1
- d. Construction Code and Class (If Applicable): ASME Section III Class
1
- e. Valve Category (If Applicable): NA

II. Reference Code Requirement that has been determined to be impractical:

See Attachment 1

III. Basis for Requesting Relief:

The Construction Permit for Oconee was issued on November 6, 1967. 10 CFR 50.55a(g) allows for plants whose Construction Permit was issued prior to January 1, 1971 to meet the requirements of ASME Section XI to the extent practical within the limitations of design, geometry and materials of construction of the components.

Due to part geometry and actual physical barriers, obtaining examination coverage on at least 90% of the weld volume as required by ASME Section XI, 1980 Edition as modified by Code Case N-460 was not possible.

Taking credit for the design requirements specified in Chapter 3 of Oconee's Final Safety Analysis Report, the Reactor Coolant System is designed and constructed so as to have an exceedingly low probability of a gross rupture or significant leakage throughout its design life. Additionally, the reactor containment building is designed to sustain the initial effects of gross equipment failure. Technical Specification 3.1.6 limits the amount of acceptable leakage in the reactor building. Specifically, Technical Specification 3.1.6.2 limits unidentified reactor coolant leakage to 1 gallon per minute, if that value is exceeded, then the reactor shall be shutdown within 24 hours of detection.

All of the welds contained in this request are located within the reactor building. The reactor building is designed to contain any leakage, so if these were to fail any release would be contained within the reactor building. Section 15.14 of the FSAR addresses the loss of coolant accident and documents that any releases that would occur due to this type of accident are within the limits of 10 CFR 100.

The welds identified in this request have been examined from the ID by use of angle beam transducers during the 10 year reactor vessel examination by automated ultrasonic equipment (ARIS II). No reportable indications were identified with this examination.

Based on the above evaluations, not meeting the requirements of ASME Section XI while performing these examinations will not endanger the health and safety of the general public. No additional examinations are required.

IV. Alternate Examination:

Use of radiography as an alternate volumetric examination method is not possible on pressure vessel welds, due to the impracticality of using double wall technique, no location to place film, etc.).

Ultrasonic examinations will continued to be performed to the maximum extent possible during future inservice inspections.

V. Implementation Schedule:

Refueling Outage 14 (current outage December 1992).

Evaluated By:

R. Rouse

Date:

1/27/93

Engineering Review:

^{KR}
Basil W. Carney

Date:

2/3/93

NDE Level III
Review:

James J. McQuilley

Date:

1/27/93

Reviewed By:

G. Barlow

Date:

1/27/93

ASME Class 1 and 2 Components NDE Inservice Inspection Request For Relief
For Oconee Unit 1 Based On ASME Section XI - 1980 Code Through Winter 1980 Addenda

Serial No. 93-1
Attachment 1
Page 1 of 1

Item No.	Exam Category /Figure No.	System Or Component	Function	Area To Be Examined	Reason For Request ¹	Licensee Proposed Alternate Examination
B01.030.001B	B-A IWB2500-4	Reactor Vessel	Contains the fission process	Flange to Shell	Limited scan due to location of holes in Reactor Vessel Flange. Actual coverage = 55.8%	None
B06.040.001A	B-G-1 IWB-2500-12	Reactor Vessel	Contains the fission process	Threads in Reactor Vessel Flange	Limited scan due to part geometry and location of holes to clad area. Actual coverage obtained = 84.5%.	None

¹ See Attachment 2 for specific information on each individual Item Number. The information shown here is for a quick overview of the limitations.

Station OCONEE NUCLEAR STATION Unit 1 Sheet 1 Of 2

Subject LIMITED EXAM DATA FOR THE RPV FLANGE TO SHELL WELD

Item # B01.030.001B By ABill Date 1-26-93
Checked By DT Moss Date 1-26-93

SUMMATION

90% OR GREATER COVERAGE

YES ☐ NO ☒

ACTUAL COVERAGE

55.8%

INSPECTION AREA=3340.5 sq. in.

AREA NOT COVERED= 1477.5sq. in.

$$\frac{1477.5}{3340.5} \times 100 = 44.2 \%$$

ONLY 0° SCAN REQUIRED

AREA NOT
SCANNED NOTCH A
= 159.95 IN²

AREA NOT SCANNED
NOTCH B 163.05 IN²

SURFACE 2

SURFACE 1

AREA OF CIRCLE = πR^2

I.D. AREA = $\pi(84.2^2)$
= 22272.8 IN²

O.D. AREA = $\pi(96^2)$
= 28952.9 IN²

AREA OF WELD = 28952.9
(0° - 360°) - 22272.8
6680.1

1/2 OF
AREA OF WELD
(180° - 360°) = $\frac{1}{2} \sqrt{6680.1}$
= 3340.1 IN²

AREA NOT INSPECTED
NOTCH A + NOTCH B + 30 HOLES
159.95 + 163.05 + 1154.5
1477.5 IN² AREA OF
INTEREST

$\frac{1477.5}{3340.5} \times 100 = 44.2\%$

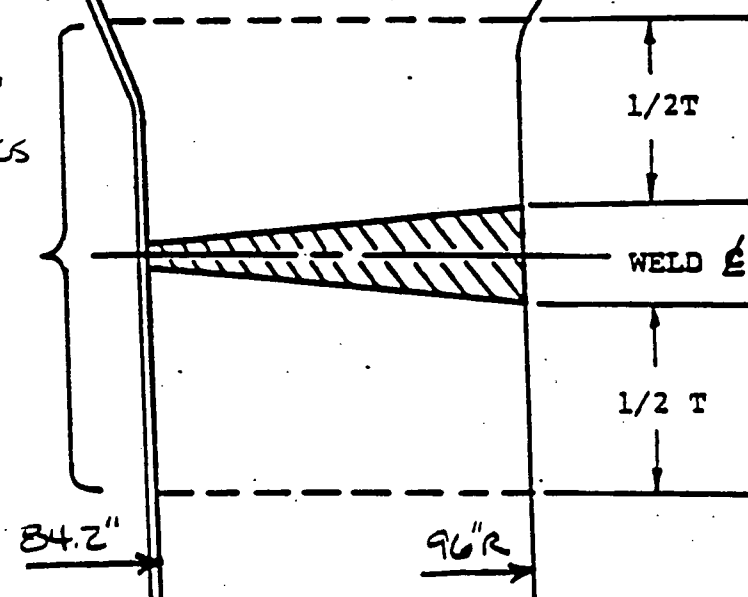
100% - 44.2% =

55.8%

AREA INSPECTED

AREA OF HOLE
= $\pi(35^2)$
= 38.48 IN²

30 HOLES = 38.48 x 30
= 1154.5 IN²

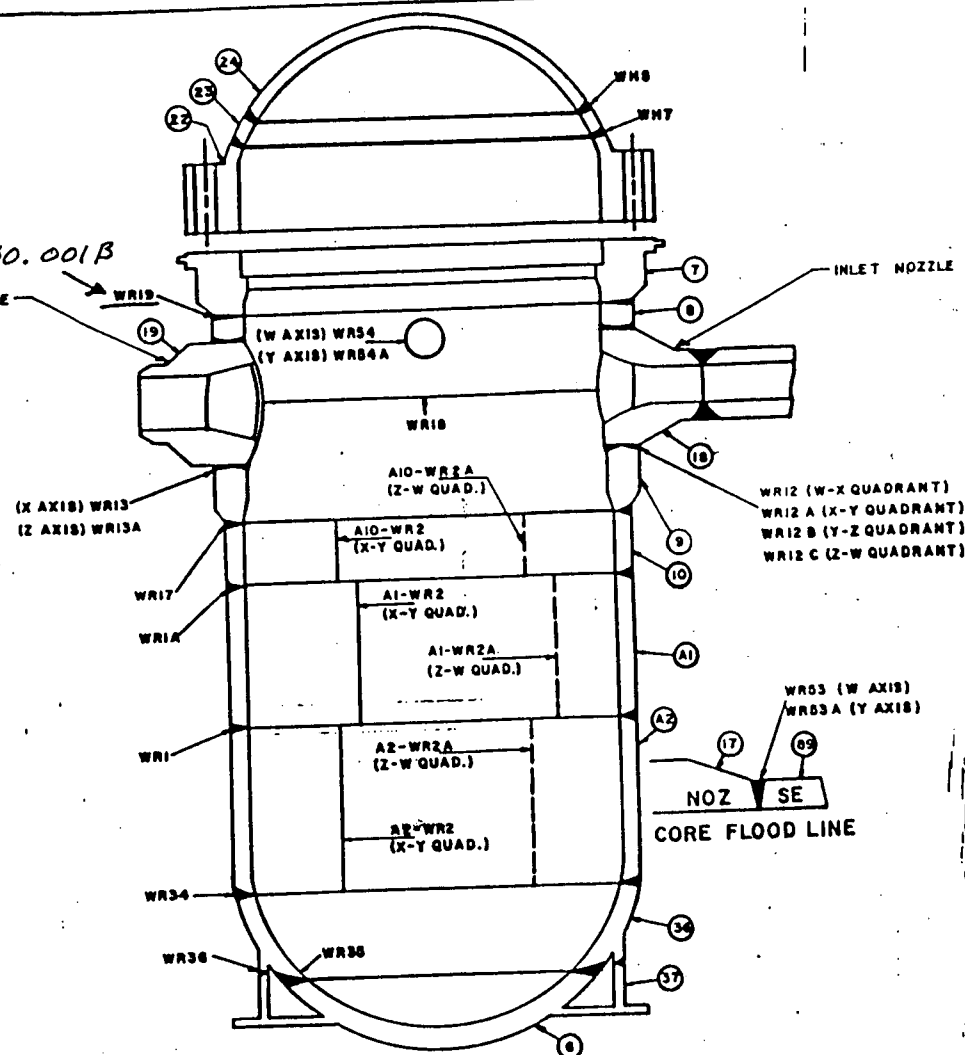


OCONEE FLANGE-TO-SHELL WELD

WELD LIST				BILL OF MATERIAL			
IDENT NO.	PIECE NO.	DIAM.	THICK.	PC. NO.	QTY	DESCRIPTION	MATL.
WR1	A1 TO A2	171" I.D.	9.800	A1	1	LOWER SHELL ASS'Y. UPPER COURSE	SA 533 GR. B
WR1A	10 TO A1	171" I.D.	9.800	A2	1	LOWER SHELL ASS'Y. LOWER COURSE	SA 533 GR. B
A1 - WR2	A1 TO A1	N/A	9.500	6	1	LOWER HEAD ASS'Y. CAP SECTION	SA 533 GR. B
A1 - WR2A	A1 TO A1	N/A	9.500	7	1	REACTOR VESSEL FLANGE	SA 508 CL. 2
A2 - WR2	A2 TO A2	N/A	9.800	8	1	NOZZLE BELT UPPER COURSE	SA 508 CL. 2
A2 - WR2A	A2 TO A2	N/A	9.800	9	1	NOZZLE BELT LOWER COURSE	SA 508 CL. 2
A10 - WR2	A10 TO A10	N/A	9.800	10	1	UPPER SHELL ASS'Y. LOWER COURSE	SA 533 GR. B
A10 - WR2A	A10 TO A10	N/A	9.500	17	2	CORE FLOOD NOZZLE	SA 508 CL. 2
WR12	18 TO 8 8 9	48" O.D.	12.000	18	4	INLET NOZZLE	SA 508 CL. 2
WR12A	18 TO 8 8 9	48" O.D.	12.000	19	2	OUTLET NOZZLE	SA 508 CL. 2
WR12B	18 TO 8 8 9	48" O.D.	12.000	22	1	UPPER HEAD FLANGE	SA 508 CL. 2
WR12C	18 TO 8 8 9	48" O.D.	12.000	23	1	UPPER HEAD RING SECTION	SA 508 CL. 2
WR13	19 TO 8 8 9	60" O.D.	12.000	24	1	UPPER HEAD CAP SECTION	SA 533 GR. B
WR13A	19 TO 8 8 9	60" O.D.	12.000	36	1	LOWER HEAD RING SECTION	SA 508 CL. 2
WR17	9 TO 10	171" I.D.	9.500	37	1	REACTOR VESSEL SUPPORT SKIRT	SA 516 GR. 70
WR18	8 TO 9	168" I.D.	12.000	69	2	CORE FLOOD NOZZLE SAFE END	SA 336-65A-FRM
WR19	7 TO 8	171" I.D.	12.000				
WR34	A2 TO 36	170" I.D.	8.300				
WR35	36 TO 6	143" I.D.	8.378				
WR36	36 TO 37	175" I.D.	2.000				
WR53	89 TO 17	15.625" O.D.	1.688				
WR53A	89 TO 17	15.625" O.D.	1.688				
WR54	17 TO 8	25.0"	12.000				
WR54A	17 TO 8	25.0"	12.000				
WH5	24 TO 23		8.625				
WH7	23 TO 22	147" I.D.	8.625				

Item #
B01.030.001B

OUTLET NOZZLE



REFERENCE DWGS.
OM 201-1877
OM 201-1122

NOTES:

- ALL I.D. NUMBERS SHALL BE PRECEDED BY "IRPV-".
- PIECE NUMBERS ARE SHOWN IN CIRCLES.

1	Add. Ref. Dwgs.	AW5	AJH	108	TITLE REACTOR VESSEL WELD OUTLINE DWG NO. ISI-OCNI-001 REV. 1
0	ORIGINAL	AW5	THH	CRC	
NO.	REVISION	DRWN	RVWD	APPD	
		DATE	DATE	DATE	

Station OCONEE NUCLEAR STATION Unit 1 Sheet 1 Of 2

Subject LIMITED EXAM DATA FOR THE RPV LIGAMENT AREA

By ASB Date 1-26-93

Item # B06.040.001A Checked By J. J. Moss Date 1-26-93

SUMMATION

90% OR GREATER COVERAGE

YES ☐ NO ☒

ACTUAL COVERAGE 84.5%

INSPECTION AREA= 25.2 sq. in.

AREA NOT COVERED= 3.9 sq. in.

$$\frac{3.9}{25.2} \times 100 = 15.5\%$$

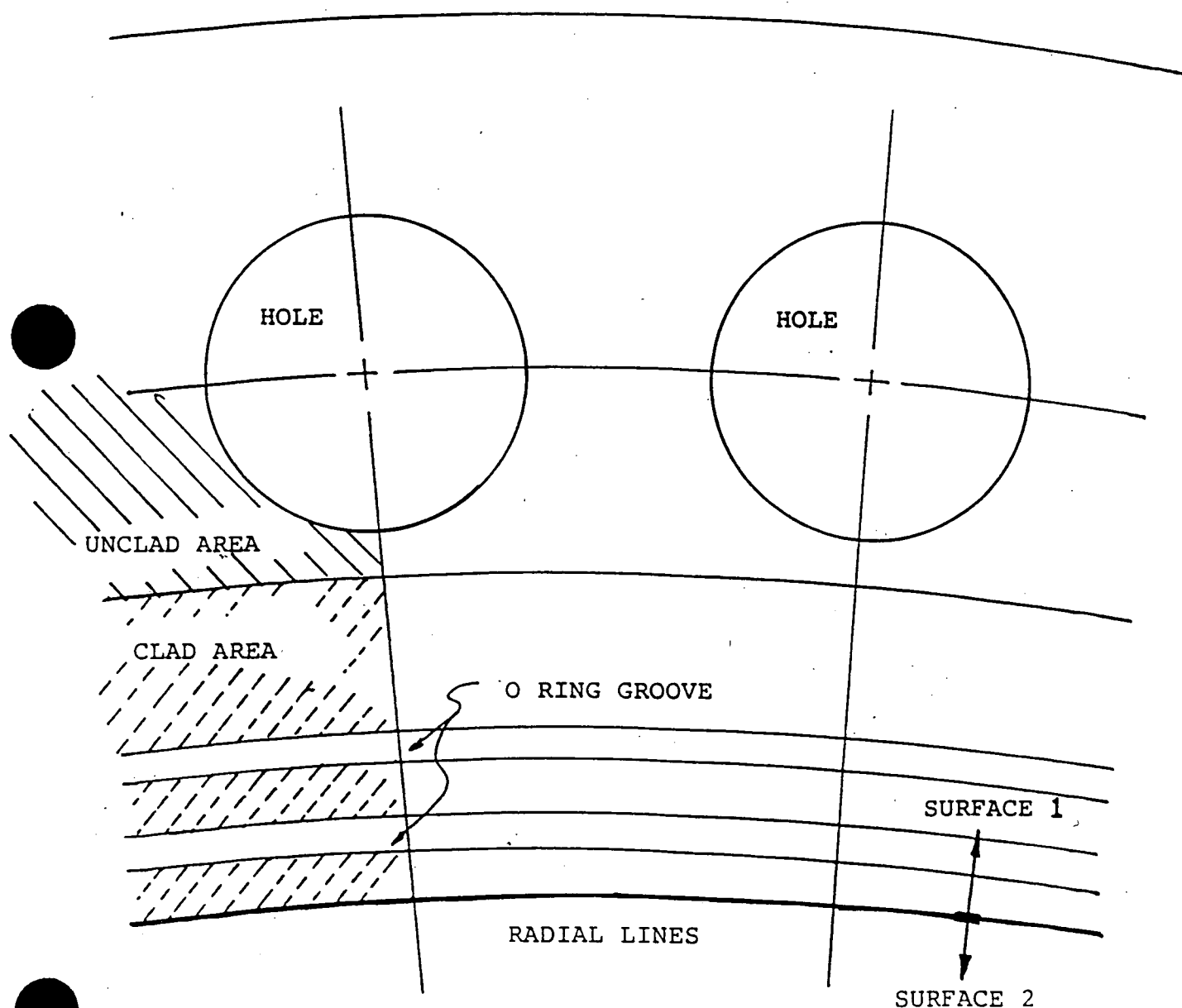
ONLY 0° SCAN REQUIRED

UBJECT: ULTRASONIC EXAMINATION OF REACTOR VESSEL
FLANGE TO SHELL WELD FROM FLANGE
TOP SURFACE

Procedure No.
ISI-187, Rev. 0
PQ NO.: PQ-187-1

Figure 1. Flange Layout

- NOTE: (1) Measurements shall be recorded from the radial lines at the indication distance from surface 2. The stud hole numbers shall be used for position reference.
- (2) Clad and unclad area to be scanned with straight beam. Unclad area to be scanned with angel beam to characterize straight beam indications recorded under clad.



11.0 Class 1 and 2 Repairs and Replacements

As required by ASME Section XI 1980 Edition, a record of the Class 1 and 2 Repairs and Replacements for work performed from September 26, 1991 through February 5, 1993 is provided and is included in this section of the report. The individual work request documents are on file at Oconee Nuclear Station.

REPAIR/REPLACEMENT LOG

ASME SECTION XI - 1980

OCONEE NUCLEAR STATION

INTERVAL COVERED: FROM: 9-26-91

TO: 2-5-93

PREPARED BY: CR Hansen DATE 2-5-93

REVIEWED BY: WMC Clue DATE 2-5-93

TRANSMITTED TO
QA MANAGER TECHNICAL SERVICES

BY

DATE

T J Coleman 2-11-93

<u>WORK ORDER</u>	<u>ASME CLASS</u>	<u>DESCRIPTION</u>
57977A	2	Replaced Bolting BWST Manway
65192C	2	Replaced Body/Bonnet Bolting 1LP-94
54204I	2	Replaced Bolting "B" OTSG Auxillary Feedwater Header Blind Flange # 4
91066326	1	Replaced Bolting CRDM # 38
91066323	1	Replaced Bolting CRDM # 15
91066325	1	Replaced Bolting CRDM # 22
91064634	1	Replaced Bolting CRDM # 59
52367I	1	Installed Chemical Connector on Spare Letdown Cooler SR# 447734
57469D	1	Replaced 1RC-66
57996A	1	Replaced Bolting "B" OTSG Upper Primary Handhole
31591C	2	Replaced Body/Bonnet Bolting 1MS-76
57707F	2	Replaced Bolting Decay Heat Removal Cooler "1B"
57832C	1	Replaced 1RC-68
57831C	1	Replaced 1RC-67
50673L	1	Replaced Bolting CRDM # 1
54691K	1	Replaced HPI Pump "1B"
91065783	2	Replaced Bolting Auxillary Feedwater Riser # 5 "B" OTSG
57934A	1	Replaced Seals Reactor Coolant Pump "1A1"
57936A	1	Replaced Seals Reactor Coolant Pump "1A2"
32853C	2	Replaced Body/Bonnet Bolting 1MS-155
09432C	1	Replaced Letdown Cooler "A" With Spare SR# 447734

<u>WORK ORDER</u>	<u>ASME CLASS</u>	<u>DESCRIPTION</u>
52742J	UN	Replaced Bolting S/R# 1-64-479D-H6347
50761L	UN	Repaired Weld S/R# 1-01A-0-550-R12
52743J	UN	Replaced Bolting S/R# 1-64-479D-H6349
50517L	UN	Added Shim S/R# 1-53A-0-478A-SL-1701
50762L	UN	Adjusted Spring Can S/R# 1-51A-0-479-SL-1701
50514L	UN	Reset Spring Can S/R# 1-03-0551-H58
50516L	UN	Reset Spring Can S/R# 1-51A-478A-H6238
57980C	UN	Replaced Bolting S/R# 1-07A-400B-GC-2611
50765L	UN	Replaced Bolting & Snubber S/R# 1-51-478E-H6084
50521L	UN	Replaced Snubber On S/R# 1-03A-434B-H5143
52382K	UN	Replaced Bolting On S/R# 1-64-479D-H6349
50362L	UN	Modified S/R# 1-17-0M-1314-15-H6282
50362L	UN	Replaced Threaded Rod S/R# 1-57-0-481A-H24
50362L	UN	Rewelded S/R# 1-57-0-481A-H15
50362L	UN	Rewelded S/R# 1-51A-0-479A-H6164
50362L	UN	Replaced Threaded Rod S/R# 1-57-0-481A-H23
51749L	UN	Replaced Missing Nut S/R# 1-01A-1-2-0-401A-H48
92020795	UN	Adjusted Snubber Setting Found out Of Tolerance S/R# 1-01A-1-1-0-401A-H40
92032466	UN	Modified S/R On EC-4774 No ID Number
92030647	UN	Installed New S/R# 1-14B-403E-H4180
92030647	UN	Installed New S/R# 1-14B-403E-H4181
92000316	UN	Modified S/R# 1-03A-401A-DE058

<u>WORK ORDER</u>	<u>ASME CLASS</u>	<u>DESCRIPTION</u>
92000316	UN	Modified S/R# 1-03A-1-0-439B-SR49
92000316	UN	Removed & Installed New S/R# 1-03A-1-0-401A-SR50
92000562	UN	Welded Shims In Place S/R# 1-14B-437A-DE041
92068468	UN	Modified S/R# 1-14-0-480A-H80
92068468	UN	Modified S/R# 1-14-0-480A-H55
92068468	UN	Modified S/R# 1-14-0-479A-H11
92068468	UN	Modified S/R# 1-14-0-479A-H7
92068468	UN	Modified S/R# 1-14-0-479A-H10
92015032	UN	Modified S/R# 1-53B-5-0-436B-R5
92015032	UN	Modified S/R# 1-53B-5-0-436D-H23
92015032	UN	Modified S/R# 1-53B-4-0-435B-H29
92019554	UN	Modified S/R# 1-03A--1-0-439A-H25
92019554	UN	Modified S/R# 1-03A-1-401B-H-4171
92095223	UN	Reset Cold Setting S/R# 1-01A-0-550-H19
93000972	UN	Reset Spring Can S/R# 1-01A-401A-EMD-H15
92034129	UN	Permanently Removed S/R# 1-59-0-478A-H6
92034129	UN	Permanently Removed S/R# 1-59-0-478A-H7
92034129	UN	Permanently Removed S/R# 1-59-0-478A-H8
92034129	UN	Permanently Removed S/R# 1-59-0-478A-H18
92034129	UN	Permanently Removed S/R# 1-59-0-478A-H19
92034129	UN	Modified S/R# 1-59-0-478A-H29
92034129	UN	Modified S/R# 1-59-0-478A-H30
92034129	UN	Installed New S/R# 1-59-0-478A-H6465

<u>WORK ORDER</u>	<u>ASME CLASS</u>	<u>DESCRIPTION</u>
92034129	UN	Installed New S/R# 1-59-0-478A-H6466
92034129	UN	Installed New S/R# 1-59-0-478A-H6467
92034129	UN	Installed New S/R# 1-59-0-478A-H6468
92034129	UN	Installed New S/R# 1-59-0-478A-H6469
92034129	UN	Installed New S/R# 1-59-0-478A-H6470
92034129	UN	Installed New S/R# 1-59-0-478A-H6471
92034129	UN	Modified S/R# 1-59-0-478A-H32
92034129	UN	Modified S/R# 1-59-0-478A-H33
92034129	UN	Modified S/R# 1-59-0-478A-H34
92034129	UN	Modified S/R# 1-59-0-478A-H35
92034129	UN	Modified S/R# 1-59-0-478A-H1
92034129	UN	Modified S/R# 1-59-0-478A-H2
92034129	UN	Modified S/R# 1-59-0-478A-H3
92034129	UN	Modified S/R# 1-59-0-478A-H4
92034129	UN	Modified S/R# 1-59-0-478A-H15
92034129	UN	Modified S/R# 1-59-0-478A-H16
92034129	UN	Modified S/R# 1-59-0-478A-H20
92034129	UN	Modified S/R# 1-59-0-478A-H23
92034129	UN	Modified S/R# 1-59-0-478A-H 28
92034129	UN	Modified S/R# 1-59-0-478A-H31
92034129	UN	Replaced Parts S/R# 1-59-0-478A-H24
92034129	UN	Replaced Parts S/R# 1-59-0-478A-GPD-H0019
92034129	UN	Replaced Parts S/R# 1-59-0-478A-RWC-1401

<u>WORK ORDER</u>	<u>ASME CLASS</u>	<u>DESCRIPTION</u>
92034129	UN	Replaced Parts S/R# 1-59-0-478A-RWC-1402
53968K	2	Machined 1B HPI Pump Suction Flanges To remove Indications
54205I	2	Base Metal Repair 1B OTSG Feedwater Riser Flange # 5
92068675	2	NSM 2681 Part AM-2 LPI Cooler Upgrade
92015032	2	NSM 2681 Part AM-1 LPI Cooler Upgrade
92094351	2	Replaced Valve 1 LP-29
92034129	1	NSM 2853 Replace Reactor Building Component Drain Header
92081775	2	Replaced Valve 1BS-19
91050052	2	Replaced Valve 1FDW-233
92094012	2	Replaced Valve 1FDW-39
92096197	2	Replaced Valve 1FDW-345
93000153	2	Deleted Valve 1CS-23
92095626	2	PreFab Reservoirs for Core Flood Tank Instrumentation
92097284	2	Replaced Valve 1HP-97
93002282	UN	Modified S/R # 1-01A-1-4-0-401A-H14
93001316	UN	Modified S/R # 1-01A-0-550-R12
93005070	UN	Modified S/R # 1-04A-AM-439B-2901
92064789	UN	Replaced Damaged Parts S/R # 1-01A-0-401A-EMO-H14
92094414	UN	Replaced Faulty Snubber S/R # 1-51A-0-479A-H17A
92095225	UN	Replaced Missing Load Stud Nuts S/R # 1-01A-0-550-R4

<u>WORK ORDER</u>	<u>ASME CLASS</u>	<u>DESCRIPTION</u>
92095505	UN	Adjusted Spring Can S/R # 1-53A-0-481A-H42C
92096658	UN	Installed New Snubber Reservoir S/R # 1-50-0-66A-RCPM-S2
92058004	UN	Replaced Parts S/R # 1-51-478E-H6082
92058004	UN	Replaced Parts S/R # 1-53B-0-438C-DE055
92058004	UN	Replaced Parts S/R # 1-54A-0-435B-DE020
92058004	UN	Replaced Parts S/R # 1-53B-0-435B-DE058
92058004	UN	Replaced Parts S/R # 1-53B-0-435B-DE066
92088488	UN	Replaced Bolting S/R # 1-64-479D-H6347
92093312	UN	Replaced Bolting S/R # 1-64-479D-H6416
92095519	UN	Removed and Replaced S/R # 1-15-403A-H4111
92057568	UN	Replaced Missing Parts S/R # 1-01A-3-0-401A-R7
92095521	UN	Replaced Bolting S/R # 1-55-0-478C-H33C
92093313	UN	Replaced Bolting S/R # 1-64-479D-H6344
92093314	UN	Replaced Bolting S/R # 1-64-479D-H6349
92057568 92097416	UN	Replaced Snubber S/R # 1-01A-0-550-R9-2
93002309	UN	Replaced Bolting S/R # 1-01A-1-2-0-401A-H48
93001875	UN	Replaced Snubber S/R # 1-01A-0-550-R9-3
93000974	UN	Welded Shims S/R # 1-07A-0-400B-SR5
92095226	UN	Welded shims S/R # 1-03A-1-0-400A-SR67
92094362	UN	Replaced Bolting S/R # 1-03A-1-0-400B-SR56
92097828	UN	Replaced Snubber S/R # 1-01A-0-441-DE002
92094412	UN	Replaced Spring Can S/R # 1-53B-5-0-444-H2

<u>WORK ORDER</u>	<u>ASME CLASS</u>	<u>DESCRIPTION</u>
92092878	1	Plugged, Stabilized Tubes "A" OTSG
92092891	1	Plugged, Stabilized Tubes "B" OTSG
92082553	2	Replaced Valve 1CC-7
92066321	2	Replaced Plug Assembly 1HP-31
92081761	2	Replaced Valve 1BS-14
91050051	2	Replaced Valve 1FDW-232