

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Duke Power Company, 422 S. Church St., Charlotte, NC 28201
(Name and Address of Owner)

2. Plant Oconee Nuclear Station, Highway 130/183, Seneca, SC 29679
(Name and Address of Plant)

3. Plant Unit 2 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 9/9/74 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
See Section 1 Paragraph 1.4 in the attached report.				

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.

9101140280 PDR ADUCK 05000270 PDR

FORM NIS-1 (back)

8. Examination Dates 7/2/89 to 10/25/90 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 12-17 19 90 Signed Duke Power Company By J.R. Quinn
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. Carolina and employed by *The HSBI&I Co. of Hartford, Conn. have inspected the components described in this Owners' Data Report during the period 7-2-89 to 10-25-90 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 a loss of any kind arising from or connected with this inspection.

Date Dec. 18 19 90

Rayford L. Elam
Inspector's Signature

Commissions NC 828
National Board, State, Province and No.

* The Hartford Steam Boiler Inspection & Insurance Company
1117 Perimeter Center W.
Suite E-301
Atlanta, Georgia 30338

INSERVICE INSPECTION REPORT
UNIT 2 OCONEE 1990 REFUELING
OUTAGE 11

Location: Hwy. 130/183, Seneca, South Carolina 29679
NRC Docket No. 50-270
Commercial Service Date: September 9, 1974

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

Revision 0

Prepared By: *R. J. Hogge, Jr.* Date 12-17-90
Reviewed By: *T. E. Traylor* Date 12-17-90
Approved By: *[Signature]* Date 12-17-90

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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 2 during the 1990 Refueling Outage (also referred to as Outage 11).

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 July 2, 1989.

1.1 Class 1 Inspection

The Class 1 Inspection included examinations on the Reactor Vessel Closure Head Nuts, Closure Studs, and Closure Washers and Bushings. Examinations were performed on the Pressurizer Sensing and Sample Nozzles to Vessel Welds and Inside Radius Sections, Pressurizer Manway Studs, Nuts Bushings and Washers, Steam Generator 2A Upper Head to Tube Sheet Weld, Steam Generator 2A Inlet Nozzle to Vessel Weld and Inside Radius Section, and Steam Generator 2A Upper and Lower Head Inspection Cover Bolting. Dissimilar Metal Butt Welds in the Reactor Coolant and High Pressure Injection Systems were examined.

In addition, Reactor Coolant Pumps 2B1 and 2B2 Bolting and High Pressure Injection Valve HP-153 Bolting received examination. Circumferential butt welds in piping of Reactor Coolant, Low Pressure Injection (Core Flood and Decay Heat) and High Pressure Injection Systems were examined. Longitudinal welds in Reactor Coolant System were examined.

Visual examinations were performed on the Class 1 Pressure Boundary during System Leakage Tests. Also, visual examinations were performed on Class 1 Component Supports of High Pressure Injection System.

The Inconel 600 tubing in Steam Generators 2A and 2B was inspected by eddy current during Outage 11. The results are shown in the Oconee 2 Refueling Outage 11 Eddy Current Examination Report.

Reportable indications were found on the Class 1 Inspection during Eddy Current Inspections shown in this section. Inspection and evaluation data for each reportable indication is found in the Oconee 2 Refueling Outage 11 Eddy Current Examination Report.

A detailed description of each inspection is found in the final Inservice Inspection Plan in Section 3 of this report. Results of each examination are found in Section 4.

1.2 Class 2 Inspection

The Class 2 Inspections included examinations on Steam Generator 2A Upper Tube Sheet to Shell Weld, Steam Outlet Nozzle to Shell Weld and Inside Radius Section, Steam Generator 2A and 2B Integrally-Welded Attachments and integrally-welded attachments of the Main Steam, Reactor Building Spray, Spent Fuel and Main Feedwater Systems. In addition, examinations were performed on circumferential butt welds in the Low Pressure Injection, Main Feedwater, Main Steam, Spent Fuel, Reactor Building Spray, High Pressure Injection and Auxiliary Feedwater Systems. Examinations were performed on longitudinal welds of the Low Pressure Injection, Spent Fuel Cooling, Main Steam, and Reactor Building Spray Systems.

Visual examinations were performed on the Class 2 Pressure Boundary during system functional and hydrostatic tests. Also, visual examinations were performed on the Class 2 Component Supports of the Main Steam, Main Feedwater, Auxiliary Feedwater, High Pressure Injection, Low Pressure Injection (Decay Heat), Reactor Building Spray, Component Cooling and Spent Fuel Cooling Systems.

A detailed description of each examination is found in the Final Inservice Inspection Plan in Section 3 of this report. Results of each examination are found in Section 4.

1.3 Augmented Inspection

No augmented inspections were performed during Outage 11.

1.4 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: 2

Owner Certificate of Authorization: N/A

Commercial Service Date: 9/9/74

<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	620-0004-51-52	N/A	N-105
Steam Generator "A"	Babcock & Wilcox	620-0004-55	N/A	N-107
Steam Generator "B"	Babcock & Wilcox	620-0004-55	N/A	N-108
Pressurizer	Babcock & Wilcox	620-0004-59	N/A	N-106

1.5 Authorized Nuclear Inservice Inspector(s)

Name(s): R. F. Elgin

R F Elgin, ANI, ANII, 12-18-90

Employer: The Hartford Steam Boiler Inspection and Insurance Company

Business Address:

The Hartford Steam
Boiler Inspection and Insurance Company
1117 Perimeter Center W.,
Suite E-301
Atlanta, Georgia 30338

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B16

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 CLASS 1 REPORTABLE ITEMS OUTAGE 11

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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 ***** *****		***	***** *****				STRAIGHT TUBE DESIGN ***** *****
B16.011.001	2SGA-TUBES	B&W 146409E		ET	ISI-418	INCO	00.62 00.040		* SELECT CAL. STANDARD PER VOL.1, SECT. 10.2
B16.011.002	2SGB-TUBES	B&W 146409E		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 Section XI Code, 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 and in IWC-2500-1 for Class 2 Inspections. Augmented inspections are also included.

Class 1 Inspections

Section XI Category	Description	Inspections Required	Inspections Completed	Percentage Completed	Deferral Allowed
B-A	Pressure Retaining Welds in Reactor Vessel	8 Welds	2 Welds	25%	Yes
B-B	Pressure Retaining Welds in Vessels Other than Reactor Vessels	15 Welds	10 Welds	66.66%	No
B-D	Full Penetration Welds of Nozzles in Vessels	60 Inspections	39 Inspections	65%	Partial
B-E	Pressure Retaining Partial Penetration Welds in Vessels	31 Welds	31 Welds	67% Credited	No
B-F	Pressure Retaining Dissimilar Metal Welds	38 Welds	25 Welds	65.78%	No
B-G-1	Pressure Retaining Bolting Greater Than 2 Inch in Diameter	553 Items	318 Items	57.50%	Yes
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	40* Connections	26 Connections	65%	No

* Total Connections includes CRDMs that are disassembled

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-H	Integral Attachments For Vessels	12 Attachments	6 Attachments	50%	No
B-J	Pressure Retaining Welds in Piping	89 Welds	56 Welds	62.92%	No
B-K-1	Integral Attachments for Piping, Pumps and Valves	4 Attachments	2 Attachments	50%	No
B-L-1	Pressure Retaining Welds in Pump Casings	1 Weld	1 Weld	100% Credited	Yes
B-L-2	Pump Casings	1 Casing	1 Casing	100% Credited	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	1 Valve	50%	Yes
B-N-1	Interior of Reactor Vessel	3 Items	2 Items	66.66%	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	None	0%	Yes
B-O	Pressure Retaining Welds in Control Rod Housings	3 Housings	2 Housings	66.66%	Yes
B-P	All Pressure Retaining Components				No
	System Leakage Test	117 Components	97 Components	82.90%	
	System Hydrostatic Test	20 Components	0 Components	0%	
B-Q	Steam Generator Tubing	100% Station Technical Specifications Met			N/A

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>
F1.01	Class 1 Component Supports	85 Supports	53 Supports	62.35%	No

Class 2 Inspections

Section XI Category	Description	Inspections Required	Inspections Completed	Percentage Completed	Deferral Allowed
C-A	Pressure Retaining Welds In Pressure Vessels	10 Welds	6 Welds	60%	No
C-B	Pressure Retaining Nozzle Welds in Vessels	5 Welds	3 Welds	60%	No
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	55 Attachments	33 Attachments	60%	No
C-D	Pressure Retaining Bolting Greater than 2 Inches in Diameter	1 Item	1 Item	100% Credited	No
C-F	Pressure Retaining Welds in Piping	267 Welds	178 Welds	66.66%	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	32 Components	24 Components	75%	
	System Hydrostatic Test	55 Components	5 Components	9.09%	
F1.02	Class 2 Component Supports	388 Supports	251 Supports	64.69%	No

Augmented Inspections

<u>Description</u>	<u>Percentage Complete</u>
Reactor Coolant Pump Flywheels	100% of Technical Specifications met
Make-Up and High Pressure Injection Nozzle Safe-Ends	100%
Core Flood 2A Dump Valve Flange To Head Weld	100%
Core Flood Tank 2A Support Attachment Weld	100%
Thermal Stress Piping	100% of requirements for Outages 10 & 11

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B06

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION LISTING OUTAGE 11

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 DATE 12/14/90

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*** *****		***	*****	*****		****	***** *****
B06.010.002	2RPV-26-204-02	OM-1201-4 B&W 152009E3		MT	NDE-25	CS	09.25 01.300	----	
B06.010.003	2RPV-26-204-03	OM-1201-4 B&W 152009E3		MT	NDE-25	CS	09.25 01.300	----	
B06.010.004	2RPV-26-204-04	OM-1201-4 B&W 152009E3		MT	NDE-25	CS	09.25 01.300	----	
B06.010.005	2RPV-26-204-05	OM-1201-4 B&W 152009E3		MT	NDE-25	CS	09.25 01.300	----	
B06.010.006	2RPV-26-204-06	OM-1201-4 B&W 152009E3		MT	NDE-25	CS	09.25 01.300	----	
B06.010.007	2RPV-26-204-07	OM-1201-4 B&W 152009E3		MT	NDE-25	CS	09.25 01.300	----	
B06.010.008	2RPV-26-204-08	OM-1201-4 B&W 152009E3		MT	NDE-25	CS	09.25 01.300	----	

PROGRAM: NISIRUNB-QAISI02
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DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION LISTING OUTAGE 11

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM. THICK	CALIB BLOCK	COMMENTS
B06.010.009	2RPV-26-204-09	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	09.25 01.300	-----	_____
B06.010.010	2RPV-26-204-10	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	09.25 01.300	-----	_____
B06.010.011	2RPV-26-204-11	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	09.25 01.300	-----	_____
B06.010.012	2RPV-26-204-12	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	09.25 01.300	-----	_____
B06.010.013	2RPV-26-204-13	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	09.25 01.300	-----	_____
B06.010.014	2RPV-26-204-14	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	09.25 01.300	-----	_____
B06.010.020	2RPV-26-204-20	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	09.25 01.300	-----	_____
B06.010.021	2RPV-26-204-21	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	09.25 01.300	-----	_____

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: O'CONNOR UNIT 2
 KEY: ITEM NUMBER B06

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 O'CONNOR 2 INSERVICE INSPECTION LISTING OUTAGE 11

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM. THICK	CALIB BLOCK	COMMENTS
B06.030.000	REACTOR VESSEL	CLOSURE STUDS***** *****		***	*****	*****		****	WHEN REMOVED***** *****
B06.030.002	2RPV-25-204-02	OM-1201-4 B&W 152009E3		UT	NDE-44	CS	06.50 63.250	40365	
B06.030.002A	2RPV-25-204-02	OM-1201-4 B&W 152009E3		MT	NDE-25	CS	06.50 63.250	-----	
B06.030.003	2RPV-25-204-03	OM-1201-4 B&W 152009E3		UT	NDE-44	CS	06.50 63.250	40365	
B06.030.003A	2RPV-25-204-03	OM-1201-4 B&W 152009E3		MT	NDE-25	CS	06.50 63.250	-----	
B06.030.004	2RPV-25-209-64	OM-1201-4 B&W 152009E3		UT	NDE-44	CS	06.50 63.250	40365	
B06.030.004A	2RPV-25-209-64	OM-1201-4 B&W 152009E3		MT	NDE-25	CS	06.50 63.250	-----	
B06.030.005	2RPV-25-204-05	OM-1201-4 B&W 152009E3		UT	NDE-44	CS	06.50 63.250	40365	

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B06

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION LISTING OUTAGE 11

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B06.030.005A	2RPV-25-204-05	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	-----	_____
B06.030.006	2RPV-25-204-06	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365	_____
B06.030.006A	2RPV-25-204-06	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	-----	_____
B06.030.007	2RPV-25-204-07	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365	_____
B06.030.007A	2RPV-25-204-07	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	-----	_____
B06.030.008	2RPV-25-204-08	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365	_____
B06.030.008A	2RPV-25-204-08	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	-----	_____
B06.030.009	2RPV-25-204-09	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365	_____

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 KEY: ITEM NUMBER B06

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION LISTING OUTAGE 11

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	INSP LOCS.	PROC. REQ.	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B06.030.009A	2RPV-25-204-09	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	_____
B06.030.010	2RPV-25-204-10	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365
B06.030.010A	2RPV-25-204-10	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	_____
B06.030.011	2RPV-25-204-11	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365
B06.030.011A	2RPV-25-204-11	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	_____
B06.030.012	2RPV-25-204-12	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365
B06.030.012A	2RPV-25-204-12	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	_____
B06.030.013	2RPV-25-204-13	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365

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DUKE POWER COMPANY
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 OCONEE 2 INSERVICE INSPECTION LISTING OUTAGE 11

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM. / THICK	CALIB BLOCK	COMMENTS
B06.030.013A	2RPV-25-204-13	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	-----	_____
B06.030.014	2RPV-25-204-14	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365	_____
B06.030.014A	2RPV-25-204-14	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	-----	_____
B06.030.020	2RPV-25-204-20	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365	_____
B06.030.020A	2RPV-25-204-20	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	-----	_____
B06.030.021	2RPV-25-204-21	OM-1201-4 B&W 152009E3	_____	UT	NDE-44	CS	06.50 63.250	40365	_____
B06.030.021A	2RPV-25-204-21	OM-1201-4 B&W 152009E3	_____	MT	NDE-25	CS	06.50 63.250	-----	_____
B06.040.000	REACTOR VESSEL	THREADS IN FLANGE*** *****	_____	***	*****	*****	_____	*****	***** *****

PROGRAM: NISIRUNB-QAISI02
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DUKE POWER COMPANY
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 OCONEE 2 INSERVICE INSPECTION LISTING OUTAGE 11

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
B06.050.000	REACTOR VESSEL	CLOSURE WASHERS AND* BUSHINGS*****	_____	***	*****	*****	____	****	***** *****
B06.050.001	2RPV-WASH-BUSH	B&W 152009E	_____	VT1	QCL-13	CS	12.500	----	RV CLOSURE WASHERS & BUSHINGS INSPECT WITH STUDS SCH. ABOVE
B06.060.000	***PRESSURIZER	BOLTING***** *****	_____	***	*****	*****	____	----	***** *****
B06.060.001	2PZR-MW-STUDS	B&W 149775E	_____	UT	NDE-44	CS	02.80 14.900	40358	12 MANWAY STUDS
B06.070.000	***PRESSURIZER	FLANGE SURFACES***** *****	_____	***	*****	*****	____	****	***** *****
B06.080.000	***PRESSURIZER	NUTS, BUSHINGS, AND WASHERS*****	_____	***	*****	*****	____	****	***** *****
B06.080.001	2PZR-MW-NUTS	B&W 149776	_____	VT1	QCL-13	CS	02.80	----	12 NUTS, BUSHINGS, & WASHERS
B06.180.000	*CLASS 1 PUMPS	BOLTS AND STUDS***** *****	_____	***	*****	*****	____	****	GREATER THAN 2 INCH***** *****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
B06.180.003	2RCP-2B1-FB	OM-1201-1217 OM-1201D-0055	_____	UT	NDE-44	CS	03.75 32.000	40362	B1 RCP MAIN FLG. STUDS TOTAL 20 STUDS
B06.180.004	2RCP-2B2-FB	OM-1201-1217 OM-1201D-0055	_____	UT	NDE-44	CS	03.75 32.000	40362	B2 RCP MAIN FLG. STUDS TOTAL 20 STUDS
B06.190.000	*CLASS 1 PUMPS	FLANGE SURFACE***** *****	_____	***	*****	*****	___	****	WHEN CONNECTION DISASSEMBLED** *****
B06.200.000	*CLASS 1 PUMPS	NUTS, BUSHINGS, AND WASHERS*****	_____	***	*****	*****	___	****	***** *****
B06.200.003	2RCP-B1-NUTS	OM-1201-1217 OM-1201D-0055	_____	VT1	QCL-13	CS	___	----	20 NUTS, BUSHINGS & WASHERS
B06.200.004	2RCP-B2-NUTS	OM-1201-1217 OM-1201D-0055	_____	VT1	QCL-13	CS	___	----	20 NUTS, BUSHINGS & WASHERS

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B07

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
B07.020.000	***PRESSURIZER	BOLTS,STUDS,AND NUTS *****		***	*****	*****		****	***** *****
B07.030.000	*****STEAM	GENERATOR***** BOLTS,STUDS,AND NUTS		***	*****	*****		****	***** *****
B07.030.005	2SGA-UH-BOLTS	B&W 146470E		VT1	QCL-13	CS	01.00	----	STEAM GENERATOR 2A UPPER HEAD INSPECTION COVER BOLTING
B07.030.006	2SGA-LH-BOLTS	B&W 146470E		VT1	QCL-13	CS	01.00	----	STEAM GENERATOR 2A LOWER HEAD INSPECTION COVER BOLTING
B07.070.000	CLASS 1 VALVES	BOLTS,STUDS,AND NUTS *****		***	*****	*****		****	***** *****
B07.070.015	2-51A-HP153	OM-246-015		VT1	QCL-13	----	02.50	----	HIGH PRESSURE INJECTION, VLV. HP-153 BOLTING
B07.080.000	**CRD HOUSINGS	BOLTS,STUDS,AND NUTS *****		***	*****	*****		****	INSPECT ONLY IF HOUSING IS**** DISASSEMBLED*****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B08

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

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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	***** CLASS 1 PIPING	CIRCUMFERENTIAL***** WELDS*****		***	*****	*****		*****	NOMINAL PIPE SIZE 4 IN. & OVER *****
B09.011.001	2PIA1-1	ISI-0CN2-007		UT	ISI-182	CS	33.50 03.000	40350	REQUEST FOR RELIEF ONS-003 PC 67 TO STM GEN. NOZZLE
B09.011.001A	2PIA1-1	ISI-0CN2-007		MT	NDE-25	CS	33.50 03.000		A1 SUCTION TERMINAL END PC 67 TO STM GEN. NOZZLE
B09.011.015	2PIA2-1	ISI-0CN2-008		UT	ISI-182	CS	33.50 03.000	40350	REQUEST FOR RELIEF ONS-003 PC 67 TO STEAM GEN. NOZZLE
B09.011.015A	2PIA2-1	ISI-0CN2-008		MT	NDE-25	CS	33.50 03.000		A2 SUCTION TERMINAL END PC 67 TO STEAM GEN. NOZZLE
B09.011.068	2PHA-12	ISI-0CN2-005		UT	ISI-182	CS	42.75 03.000	40350	REQUEST FOR RELIEF ONS-003 PC 36 TO STEAM GEN. NOZZLE
B09.011.068A	2PHA-12	ISI-0CN2-005		MT	NDE-25	CS	42.75 03.000		A HOT LEG CIRCLE SEAM PC 36 TO STEAM GEN. NOZZLE
B09.011.164	2-53A-09-16	SYS 53A ISØ 9		UT	ISI-120	SS	10.00 01.000	40399	CORE FLOOD B

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
B09.011.164A	2-53A-09-16	SYS 53A ISØ 9		PT	NDE-35	SS	10.00 01.000	----	CORE FLOOD B
B09.011.203	2-53A-10-08	SYS 53A ISØ 10		UT	ISI-120	SS	12.00 01.125	40413	DECAY HEAT REMOVAL
B09.011.203A	2-53A-10-08	SYS 53A ISØ 10		PT	NDE-35	SS	12.00 01.125	----	DECAY HEAT REMOVAL
B09.012.000	***** CLASS 1 PIPING	LONGITUDINAL***** WELDS*****		***	*****	*****	---	*****	NOMINAL PIPE SIZE 4 IN. & OVER *****
B09.012.015	2PDA2-53LI	ISI-ØCN2-012		UT	ISI-182	CS	33.50 03.000	40350	REQUEST FOR RELIEF ØNS-003 PC 53R TO 53L
B09.012.015A	2PDA2-53LI	ISI-ØCN2-012		PT	NDE-35	CS	33.50 03.000	---	A2 DISCHARGE INSIDE LONG SEAM PC 53R TO 53L
B09.012.016	2PDA2-53LØ	ISI-ØCN2-012		UT	ISI-182	CS	33.50 03.000	40350	REQUEST FOR RELIEF ØNS-003 PC 53L TO 53R
B09.012.016A	2PDA2-53LØ	ISI-ØCN2-012		PT	NDE-35	CS	33.50 03.000	---	A2 DISCHARGE OUTSIDE LONG SEAM PC 53L TO 53R

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
B09.021.000	**** CLASS 1 PIPING	CIRCUMFERENTIAL**** WELDS*****		***	*****	*****	-. .	****	NOMINAL PIPE SIZE < 4 IN. **** *****
B09.021.101	2-51A-39.3-44	SYS 51A ISO 39.3		PT	NDE-35	SS	02.50 00.375	----	A1 HPI
B09.021.114	2-51A-39.3-90C	SYS 51A ISO 39 PT 3		PT	NDE-35	SS	02.50 00.375	----	SELECTION CRITERIA 4.2.2
B09.022.000	**** CLASS 1 PIPING	LONGITUDINAL ***** WELDS *****		***	*****	*****	-. .	----	NOMINAL PIPE SIZE < 4 IN. **** *****
B09.031.000	***** BRANCH PIPE	CONNECTION WELDS *** *****		***	*****	*****	-. .	****	NOMINAL PIPE SIZE 4 IN. & OVER *****
B09.032.000	*****BRANCH PIPE	CONNECTION WELDS *** *****		***	*****	*****	-. .	****	NOMINAL PIPE SIZE < 4 IN. **** *****
B09.032.002	2PIA2-10	ISI-OCN2-008		MT	NDE-25	CS	03.00 02.250	----	A2 SUCTION DRAIN NOZZLE PC 63 TO 64
B09.040.000	***** SOCKET WELDS	***** *****		***	*****	*****	-. .	****	***** *****

DUKE POWER COMPANY
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PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
OCONEE 2 INSERVICE INSPECTION LISTING OUTAGE 11

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER B12

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 VALVE IS DISASSEMBLED

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B13

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 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
B13.010.000	REACTOR VESSEL	***** VESSEL INTERIOR***** *****	_____	***	*****	*****	____.	*****	***** ***** _____
B13.030.000	REACTOR VESSEL	***** CORE SUPPORT***** STRUCTURE*****	_____	***	*****	*****	____.	*****	***** ***** _____

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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 THREE HOUSINGS WHEN REMOVED

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B15.010.000	REACTOR VESSEL	PRESSURE RETAINING** BOUNDARY*****		***	*****	****		****	***** *****
B15.010.001	2RPV-LK TEST	OFD-100A-2.1		VIS	ISI-350	----		----	RPV SYS LEAK TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.020.000	***PRESSURIZER	PRESSURE RETAINING** BOUNDARY*****		***	*****	****		****	***** *****
B15.020.001	2PZR-LK TEST	OFD-100A-2.2		VIS	ISI-350	----		----	PZR SYS LEAK TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.021.000	***PRESSURIZER	PRESSURE RETAINING** BOUNDARY*****		***	*****	****		****	***** *****
B15.030.000	*****STEAM	GENERATORS PRESSURE* RETAINING BOUNDARY**		***	*****	****		****	***** *****
B15.030.001	2SGA-LK TEST	OFD-100A-2.1		VIS	ISI-350	----		----	SGA SYS LEAK TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.030.002	2SGB-LK TEST	OFD-100A-2.1		VIS	ISI-350	----		----	SGB SYS LEAK TEST ALT EXAM QCL-15 VT2 MAY BE USED

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
B15.031.000	*****STEAM	GENERATORS PRESSURE* RETAINING BOUNDARY**		***	*****	*****		****	***** *****
B15.040.001	2LDC2A-LK TEST	OFD-101A-2.1		VIS	ISI-350	----		----	LETDOWN COOLER 2A SYS LK TEST ALT EXAM QCL15 VT2 MAY BE USED
B15.040.002	2LDC2B-LK TEST	OFD-101A-2.1		VIS	ISI-350	----		----	LETDOWN COOLER 2B SYS LK TEST ALT EXAM QCL15 VT2 MAY BE USED
B15.050.000	CLASS 1 PIPING	PRESSURE RETAINING** BOUNDARY*****		***	*****	*****		****	***** *****
B15.050.001	2-OFD-100A-2.1	OFD-100A-2.1		VIS	ISI-350 QCL-15	----		----	CLASS 1 SYS LEAK TEST-INCLUDES DWG NOS. 0-1422BB-1,2 & 3
B15.050.001A	2-OFD-100A-2.2	OFD-100A-2.2		VIS	ISI-350 QCL-15	----		----	CLASS 1 SYS LEAK TEST-INCLUDES DWG. NO. 0-1422BB-4
B15.050.002	2-OFD-101A-2.1	OFD-101A-2.1		VIS	ISI-350	----		----	CLASS 1 SYS LEAKAGE TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.050.003	2-OFD-101A-2.4	OFD-101A-2.4		VT2	ISI-350 QCL-15	----		----	CLASS A SYS LEAK TEST-INCLUDES DWG NO. 0-1422X-51

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B15

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. PROC. REQ. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B15.050.004	2-OFD-102A-2.1	OFD-102A-2.1	_____	VIS ISI-350	-----	___	-----	CLASS 1 SYS LEAKAGE TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.050.005	2-OFD-102A-2.2	OFD-102A-2.2	_____	VIS ISI-350	-----	___	-----	CLASS 1 SYS LEAKAGE TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.050.006	2-OFD-102A-2.3	OFD-102A-2.3	_____	VIS ISI-350	-----	___	-----	CLASS 1 SYS LEAKAGE TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.050.007	2-OFD-110A-2.1	OFD-110A-2.1	_____	VIS ISI-350	-----	___	-----	CLASS 1 SYS LEAKAGE TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.050.009	2-OFD-100A-2.3	OFD-100A-2.3	_____	VIS ISI-350	-----	___	-----	CLASS 1 SYS LEAKAGE TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.050.010	2-OFD-110A-2.4	OFD-110A-2.4	_____	VIS ISI-350 QCL-15	-----	___	-----	CLASS 1 SYSTEM LEAKAGE TEST
B15.060.000	*CLASS 1 PUMPS	PRESSURE RETAINING** BOUNDARY*****	_____	*** *****	*****	___	*****	***** *****
B15.060.001	2-RCP-2A1	OFD-100A-2.1	_____	VIS ISI-350	-----	___	-----	RCP 2A1 SYS LEAKAGE TEST ALT EXAM QCL-15 VT2 MAY BE USED

PROGRAM: NISIRUNB-QAISI02
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 PLANT: OCONEE UNIT 2
 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
B15.060.002	2-RCP-2A2	OFD-100A-2.1		VIS	ISI-350	----	---	----	RCP 2A2 SYS LEAKAGE TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.060.003	2-RCP-2B1	OFD-100A-2.1		VIS	ISI-350	----	---	----	RCP 2B1 SYS LEAKAGE TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.060.004	2-RCP-2B2	OFD-100A-2.1		VIS	ISI-350	----	---	----	RCP 2B2 SYS LEAKAGE TEST ALT EXAM QCL-15 VT2 MAY BE USED
B15.061.000	*CLASS 1 PUMPS	PRESSURE RETAINING** BOUNDARY*****		***	*****	*****	---	*****	***** *****
B15.070.000	CLASS 1 VALVES	PRESSURE RETAINING** BOUNDARY*****		***	*****	*****	---	*****	COVERED IN B15.050.000 *****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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 ***** *****		***	***** *****				STRAIGHT TUBE DESIGN ***** *****
B16.011.001	2SGA-TUBES	B&W 146409E		ET	ISI-418	INCO	00.62 00.040		* SELECT CAL. STANDARD PER VOL.1, SECT. 10.2
B16.011.002	2SGB-TUBES	B&W 146409E		ET	ISI-418	INCO	00.62 00.040		* SELECT CAL. STANDARD PER VOL.1, SECT. 10.2

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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	*** PRESSURE VESSEL	SHELL WELDS ***** CIRCUMFERENTIAL ***		***	*****	*****	---	****	***** *****
C01.020.000	*****HEAD	CIRCUMFERENTIAL***** WELDS*****		***	*****	*****	---	****	***** PRESSURE VESSEL ***** *****
C01.030.000	*****CLASS 2	TUBESHEET TO SHELL WELDS*****		***	*****	*****	---	****	***** PRESSURE VESSEL ***** *****
C01.030.001	2SGA-WG60	OM-1201-450 ISI-OCN2-003		UT	ISI-130	CS	06.625	40338	SGA UPPER TUBE SHEET TO SHELL PC 51 TO 1

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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*****
C02.021.000	*****NOZZLE	TØ SHELL OR HEAD**** WELDS*****	_____	***	*****	*****	____	****	***** *****
C02.021.002	2SGA-WG23-2	ØM-1201-450 ISI-ØCN2-003	_____	UT	ISI-130	CS	29.00 06.625	40338	GEN A STM ØUTLET NOZZLE X-Y AXIS PC 14 TØ 3
C02.021.002A	2SGA-WG23-2	ØM-1201-450 ISI-ØCN2-003	_____	MT	NDE-25	CS	29.00 06.625	_____	GEN A STM ØUTLET NOZZLE X-Y AXIS PC 14 TØ 3
C02.022.000	*****NOZZLE	INSIDE RADIUS***** SECTION*****	_____	***	*****	*****	____	****	***** *****
C02.022.002	2SGA-WG23-2	ØM-1201-450 ISI-ØCN2-003	_____	UT	ISI-130	CS	29.00 06.625	40338	GEN A STM ØUTLET NOZZLE X-Y AXIS PC 14 TØ 3 INSIDE RADIUS

PROGRAM: NISIRUNB-QAISI02
 FILE: CO07133
 PLANT: OCONEE UNIT 2
 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**		***	*****	*****	---	****	***** *****
C03.010.025	2SGB-WG84-YZ	OM-201-1054		MT	NDE-25	CS	01.000	----	SGB FDWTR.HDR.S/R ATTACH. Y-Z QUAD.NEAR Y-AXIS
C03.010.032	2SGA-WG84-YX	OM-201-1054		MT	NDE-25	CS	01.000	----	SGA FDWTR.HDR.S/R ATTACH. Y-X QUAD.NEAR Y-AXIS
C03.040.000	CLASS 2 PIPING	INTEGRALLY WELDED ATTACHMENTS*****		***	*****	*****	---	****	***** *****
C03.040.002	2-01A-H12	0-1441		MT	NDE-25	CS	---	----	MAIN STEAM - RIGID 2-01A-0-1441-H12
C03.040.003	2-01A-H13	0-1441		MT	NDE-25	CS	---	----	MAIN STEAM - RIGID 2-01A-0-1441-H13
C03.040.008	2-01A-R7	0-1441		MT	NDE-25	CS	---	----	MAIN STEAM - MECH SHOCK SUPP. 2-01A-0-1441-R7
C03.040.020	2-01A-H1B	0-1480A		MT	NDE-25	CS	01.000	----	M.S.-SPRING 2-01A-0-1480A-H1B D.E. STRESS CALC. OSC-1315-06

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER C03

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
C03.040.069	2-54B-H13A	0-1477		PT	NDE-35	SS	01.000		R.B. SPRAY 54B-0-1477-H13A D.E. STRESS CALC. OSC-1331-06
C03.040.072	2-54A-H5	0-1439C		PT	NDE-35	SS			REACTOR BLDG SPRAY-RIGID 2-54A-3-0-1439C-H5
C03.040.080	2-56-H16	0-1479A		PT	NDE-35	SS			SPENT FUEL COOLING-X RIGID 2-56-0-1479A-H16
C03.040.088	2SGA-WG87-YX	0M-201-1054		MT	NDE-25	CS	01.000		SGA FDWTR.HDR.S/R ATTACH. Y-X QUAD.NEAR Y-AXIS
C03.040.093	2SGB-WG87-YZ	0M-201-1054		MT	NDE-25	CS	01.000		SGB FDWTR.HDR. S/R ATTACH. Y-Z QUAD.NEAR Y-AXIS

PROGRAM: NISIRUNB-QAISIO2
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER C05

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
C05.011.000	*****CLASS 2 PIPING	CIRCUMFERENTIAL WELD *****		***	*****	*****	---	*****	NOMINAL WALL THICKNESS ***** 1/2 IN. OR LESS *****
C05.011.002	2-53B-17.1-9A	SYS 53B ISØ 17 PT 1		PT	NDE-35	SS	12.00 00.250	----	
C05.011.024	2-53B-18.1-40	SYS 53B ISØ 18 PT 1		PT	NDE-35	SS	14.00 00.250	----	
C05.011.043	2-53B-19.2-64	SYS 53B ISØ 19 PT 2		PT	NDE-35	SS	10.00 00.165	----	
C05.011.069	2-53B-27.1-2	SYS 53B ISØ 27 PT 1		PT	NDE-35	SS	10.00 00.250	----	
C05.011.078	2-53B-28.2-30	SYS 53B ISØ 28 PT 2		PT	NDE-35	SS	08.00 00.148	----	
C05.011.087	2-53B-28.2-71B	SYS 53B ISØ 28 PT 2		PT	NDE-35	SS	08.00 00.148	----	
C05.011.089	2-53B-28.3-6	SYS 53B ISØ 28 PT 3		PT	NDE-35	SS	08.00 00.250	----	

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER C05

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
C05.011.091	2-53B-28.3-8	SYS 53B ISO 28 PT 3		PT	NDE-35	SS	08.00 00.250		
C05.011.096	2-53B-30-01	SYS 53B ISO 30		PT	NDE-35	SS	10.00 00.165		
C05.011.251	2-56-06-313B	SYS 56 ISO 6		PT	NDE-35	SS	08.00 00.148		UNIT 1 SYS.56 ISO 6
C05.011.252	2-56-06-318B	SYS 56 ISO 6		PT	NDE-35	SS	08.00 00.148		UNIT 1 SYS.56 ISO 6
C05.011.253	2-56-06-322B	SYS 56 ISO 6		PT	NDE-35	SS	08.00 00.148		UNIT 1 SYS.56 ISO 6
C05.011.254	2-56-25-04	SYS 56 ISO 25		PT	NDE-35	SS	08.00 00.148		
C05.011.255	2-56-25-09	SYS 56 ISO 25		PT	NDE-35	SS	08.00 00.148		
C05.011.256	2-56-25-14	SYS 56 ISO 25		PT	NDE-35	SS	08.00 00.148		

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
C05.011.257	2-56-13-61	SYS 56 ISØ 13		PT	NDE-35	SS	08.00 00.250		
C05.011.314	2-54A-07-5	SYS 54B ISØ 07		PT	NDE-35	SS	08.00 00.250		
C05.011.315	2-54A-07-10	SYS 54B ISØ 07		PT	NDE-35	SS	08.00 00.250		
C05.011.316	2-54A-07-15	SYS 54B ISØ 07		PT	NDE-35	SS	08.00 00.250		
C05.011.317	2-54A-07-19	SYS 54B ISØ 07		PT	NDE-35	SS	08.00 00.250		
C05.011.318	2-54A-07-23	SYS 54B ISØ 07		PT	NDE-35	SS	08.00 00.250		
C05.011.319	2-54A-07-27A	SYS 54B ISØ 07		PT	NDE-35	SS	08.00 00.250		
C05.011.320	2-54A-07-28	SYS 54B ISØ 07		PT	NDE-35	SS	08.00 00.250		

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER C05

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
C05.011.321	2-54A-07-30	SYS 54B ISØ 07		PT	NDE-35	SS	08.00 00.250		
C05.011.322	2-54A-07-33	SYS 54B ISØ 07		PT	NDE-35	SS	08.00 00.250		
C05.011.401	2-51A-17.1-8A	SYS 51A ISØ 17 P1		PT	NDE-35	SS	06.00 00.280		
C05.011.406	2-51A-17.1-31	SYS 51A ISØ 17 P1		PT	NDE-35	SS	06.00 00.280		
C05.011.409	2-51A-17.1-58	SYS 51A ISØ 17 P1		PT	NDE-35	SS	06.00 00.280		
C05.011.410	2-51A-17.1-63	SYS 51A ISØ 17 P1		PT	NDE-35	SS	06.00 00.280		
C05.011.551	2-03A-10-15B	SYS 03A ISØ 10		MT	NDE-25	CS	06.00 00.432		
C05.011.552	2-03A-10-21	SYS 03A ISØ 10		MT	NDE-25	CS	06.00 00.432		

PROGRAM: NISIRUNB-QAISIO2
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
C05.011.557	2-03A-11-42A	SYS 03A IS0 11		MT	NDE-25	CS	06.00 00.432		
C05.011.559	2-03A-11-35I	SYS 03A IS0 11		MT	NDE-25	CS	06.00 00.432		
C05.012.000	***** CLASS 2	LONGITUDINAL WELDS** *****		***	*****	*****	—	*****	*** NOMINAL WALL THICKNESS ** *** 1/2 IN. OR LESS *****
C05.012.002	2-53B-27.1-2L	SYS 53B IS0 27.1		PT	NDE-35	SS	10.00 00.250		LONG. SEAM FOR C05.011.069
C05.012.011	2-56-25-04L	SYS 56 IS0 25		PT	NDE-35	SS	08.00 00.148		LONG. SEAM FOR C05.011.254
C05.012.012	2-56-25-09L	SYS 56 IS0 25		PT	NDE-35	SS	08.00 00.148		LONG. SEAM FOR C05.011.255
C05.012.013	2-56-25-14L	SYS 56 IS0 25		PT	NDE-35	SS	08.00 00.148		LONG. SEAM FOR C05.011.256
C05.012.014	2-56-06-313BL	SYS 56 IS0 6		PT	NDE-35	SS	08.00 00.148		LONG. SEAM FOR C05.011.251 UNIT 1 SYS 56 IS0 6

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
C05.012.015	2-56-06-318BL	SYS 56 ISØ 6	_____	PT	NDE-35	SS	08.00 00.148	_____	LONG. SEAM FOR C05.011.252 UNIT 1 SYS 56 ISØ 6
C05.012.016	2-56-06-322BL	SYS 56 ISØ 6	_____	PT	NDE-35	SS	08.00 00.148	_____	LONG. SEAM FOR C05.011.253 UNIT 1 SYS 56 ISØ 6
C05.012.025	2-54A-07-23L	SYS 54A ISØ 07	_____	PT	NDE-35	SS	08.00 00.250	_____	LONG. SEAM FOR C05.011.318
C05.012.026	2-54A-07-10L	SYS 54A ISØ 07	_____	PT	NDE-35	SS	08.00 00.250	_____	LONG. SEAM FOR C05.011.315
C05.021.000	***** CLASS 2	CIRCUMFERENTIAL***** HELDS*****	_____	***	*****	*****	_____	*****	NOMINAL WALL THICKNESS ***** > 1/2 INCH *****
C05.021.001	2-53A-8.1-19	SYS 53A ISØ 8 PT 1	_____	UT	ISI-120	SS	10.00 01.125	40354	
C05.021.001A	2-53A-8.1-19	SYS 53A ISØ 8 PT 1	_____	PT	NDE-35	SS	10.00 01.125	-----	
C05.021.056	2-03-18.2-37	SYS 03 ISØ 18 PT 2	_____	UT	ISI-120	CS	20.00 01.031	40418	

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
C05.021.056A	2-03-18.2-37	SYS 03 ISØ 18 PT 2		MT	NDE-25	CS	20.00 01.031		
C05.021.057	2-03-18.2-40	SYS 03		RT	NDE-12	CS	20.00 01.031		
C05.021.057A	2-03-18.2-40	SYS 03 ISØ 18 PT 2		MT	NDE-25	CS	20.00 01.031		
C05.021.060	2-03-21-WG91-A	SYS 03 ISØ 21		RT	NDE-12	CS	14.00 00.750		
C05.021.060A	2-03-21-WG91-A	SYS 03 ISØ 21		MT	NDE-25	CS	14.00 00.750		
C05.021.061	2-03-21-WG91-E	SYS 03 ISØ 21		RT	NDE-12	CS	14.00 00.750		
C05.021.061A	2-03-21-WG91-E	SYS 03 ISØ 21		MT	NDE-25	CS	14.00 00.750		
C05.021.063	2-03-FWD84-C	SYS 03 ISØ 18.1 GRINN SUB ASSY FWD84		RT	NDE-12	CS	14.00 00.750		

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: O'CONNOR UNIT 2
 KEY: ITEM NUMBER C05

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	INSP LOCS.	PROC. REQ.	MATERIAL NUMBERS	DIAM./ THICK	CALIB BLOCK	COMMENTS
C05.021.063A	2-03-FWD84-C	SYS 03 ISO 18.1 GRINN SUB ASSY FWD84	_____	MT	NDE-25	CS	14.00 00.750	_____
C05.021.064	2-03-FWD82-B	SYS 03 ISO 18.1 GRINN SUB ASSY FWD82	_____	RT	NDE-12	CS	24.00 01.219	_____
C05.021.064A	2-03-FWD82-B	SYS 03 ISO 18.1 GRINN SUB ASSY FWD82	_____	MT	NDE-25	CS	24.00 01.219	_____
C05.021.119	2-01A-5.4-27	SYS 01A ISO 5 PT 4	_____	RT	NDE-12	CS	26.00 00.875	_____
C05.021.119A	2-01A-5.4-27	SYS 01A ISO 5 PT 4	_____	MT	NDE-25	CS	26.00 00.875	_____
C05.021.129	2-01A-4.3-03	SYS 01A ISO 4 PT 3	_____	RT	NDE-12	CS	24.00 00.969	_____
C05.021.129A	2-01A-4.3-03	SYS 01A ISO 4 PT 3	_____	MT	NDE-25	CS	24.00 00.969	_____
C05.021.133	2-01A-5.1-9	SYS 01A ISO 5 PT 1	_____	RT	NDE-12	CS	08.00 00.906	_____

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER C05

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 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
C05.021.133A	2-01A-5.1-9	SYS 01A ISO 5 PT 1		MT	NDE-25	CS	08.00 00.906		
C05.021.201	2-03A-10-62	SYS 03A ISO 10		RT	NDE-12	CS	06.00 00.562		
C05.021.201A	2-03A-10-62	SYS 03A ISO 10		MT	NDE-25	CS	06.00 00.562		
C05.021.203	2-03A-67-7	SYS 03A ISO 67		RT	NDE-12	CS	06.00 00.562		SELECTION CRITERIA 5.2
C05.021.203A	2-03A-67-7	SYS 03A ISO 67		MT	NDE-25	CS	06.00 00.562		SELECTION CRITERIA 5.2
C05.021.207	2-01A-16-01	SYS 01A ISO 16		RT	NDE-12	CS	12.00 00.562		SELECTION CRITERIA 5.2
C05.021.207A	2-01A-16-01	SYS 01A ISO 16		MT	NDE-25	CS	12.00 00.562		SELECTION CRITERIA 5.2
C05.022.000	*** CLASS 2 PIPING	LONGITUDINAL WELDS * ***** *****		***	***** ***** *****	***** ***** *****	--- ---		*** GREATER THAN 1/2 INCH ** *** NOMINAL WALL THICKNESS **

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
C05.022.004	2-01A-5.4-27L	SYS 01A ISO 5.4	_____	RT	NDE-12	CS	26.00 00.875	_____	LONG. SEAM FOR C05.021.119
C05.022.004A	2-01A-5.4-27L	SYS 01A ISO 5.4	_____	MT	NDE-25	CS	26.00 00.875	_____	LONG. SEAM FOR C05.021.119A
C05.031.000	CLASS 2 PIPING	BRANCH CONNECTION HELDS*****	_____	***	*****	*****	_____	*****	***** *****
C05.031.206	2-01A-16-207	SYS 01A ISO 16 GRINN SUB ASSY MS23B	_____	MT	NDE-25	CS	06.00 00.432	-----	REINFORCEMENT COLLAR, INSP. ALL WELDS, SELECTION CRITERIA 5.2

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER C07

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
C07.010.000	*****PRESSURE	VESELS***** *****	_____	***	*****	*****	_____	****	PRESSURE RETAINING COMPONENTS* *****
C07.011.000	*****PRESSURE	VESELS***** *****	_____	***	*****	*****	_____	****	PRESSURE RETAINING COMPONENTS* *****
C07.011.005	2LPCA	0FD-102A-2.2	_____	VT2	QCL-15 ISI-350	_____	_____	_____	LOW PRESSURE COOLER A SYSTEM HYDRO TEST DATA REC'D AFTER OUT. 10 RPT
C07.020.000	*****PIPING	***** *****	_____	***	*****	*****	_____	****	PRESSURE RETAINING COMPONENTS* *****
C07.020.001	2-0FD-102A-2.1	0FD-102A-2.1	_____	VT2	QCL-15	_____	_____	_____	CL B SYS LEAK TEST ALT EXAM ISI-350 VT MAY BE USED
C07.020.004	2-0FD-103A-2.1	0FD-103A-2.1	_____	VT2	QCL-15	_____	_____	_____	CL B SYS LEAK TEST ALT EXAM ISI-350 VT MAY BE USED
C07.020.006	2-0FD-101A-2.4	0FD-101A-2.4	_____	VT2	QCL-15	_____	_____	_____	CL B SYS LEAK TEST ALT EXAM ISI-350 VT MAY BE USED
C07.020.007	2-0FD-101A-2.3	0FD-101A-2.3	_____	VT2	QCL-15	_____	_____	_____	CL B SYS LEAK TEST ALT EXAM ISI-350 VT MAY BE USED

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER C07

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
C07.021.000	*****PIPING	***** *****		***	*****	*****		*****	PRESSURE RETAINING COMPONENTS* *****
C07.021.005	2-OFD-101A-2.3	OFD-101A-2.3		VT2	QCL-15 ISI-350				CL. B SYSTEM HYDRO TEST
C07.021.008	2-OFD-102A-2.1	OFD-102A-2.1		VT2	QCL-15 ISI-350				CL. B SYSTEM HYDRO TEST
C07.021.009	2-OFD-102A-2.2	OFD-102A-2.2		VT2	QCL-15 ISI-350				CL. B SYSTEM HYDRO TEST INCL. SHEET 2,3,4,5 & 6
C07.021.013	2-OFD-104A-1.2	OFD-104A-1.2		VT2	QCL-15 ISI-350				CL. B SYSTEM HYDRO TEST
C07.030.000	*****PUMPS	***** *****		***	*****	*****		*****	PRESSURE RETAINING COMPONENTS* SYSTEM PRESSURE TEST*****
C07.030.004	2-HPI-PUMP-2C	OFD-101A-2.3		VT2	QCL-15				HPI PUMP 2C SYS LEAK TEST ALT EXAM ISI-350 VT MAY BE USED
C07.031.000	*****PUMPS	***** *****		***	*****	*****		*****	PRESSURE RETAINING COMPONENTS* SYSTEM HYDRO TEST*****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
C07.031.003	2-LPI-PUMP-2C	OFD-102A-2.2		VT2	QCL-15 ISI-350				LPI PUMP 2C HYDRO TEST
C07.040.000	*****VALVES	*****		***	*****	*****		*****	PRESSURE RETAINING COMPONENTS COVERED IN C07.020.000

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
D01.011.000	*****SYSTEM	INSERVICE TEST***** *****		***	*****	*****	---	*****	***** *****
D01.011.002	2-OFD-101A-2.1	OFD-101A-2.1		VT2	QCL-15 ISI-350	----	---	----	CL. C SYSTEM LEAK TEST
D01.011.003	2-OFD-101A-2.2	OFD-101A-2.2		VT2	QCL-15 ISI-350	----	---	----	CL. C SYSTEM LEAK TEST
D01.011.007	2-OFD-106A-2.2	OFD-106A-2.2		VT2	QCL-15 ISI-350	----	---	----	CL. C SYSTEM LEAK TEST DATA REC'D AFTER OUT. 10 RPT
D01.011.008	2-OFD-109A-1.1	OFD-109A-1.1		VT2	QCL-15 ISI-350	----	---	----	CL. C SYSTEM LEAK TEST
D01.011.009	2-OFD-110A-2.1	OFD-110A-2.1		VT2	QCL-15 ISI-350	----	---	----	CL. C SYSTEM LEAK TEST
D01.011.017	2-OFD-102A-2.1	OFD-102A-2.1		VT2	ISI-350 QCL-15	----	---	----	CL. C SYSTEM LEAK TEST DRAWING REVISION
D01.011.018	2-OFD-102A-2.2	OFD-102A-2.2		VT2	QCL-15 ISI-350	----	---	----	CL. C SYSTEM LEAK TEST DRAWING REVISION

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
D02.011.000	*****SYSTEM	FUNCTIONAL***** TEST*****		***	*****	*****	---	****	***** *****
D02.011.001A	2-OFD-110A-2.3	OFD-110A-2.3		VT2	QCL-15 ISI-350		---		CL. C SYSTEM LEAK TEST DATA REC'D AFTER OUT. 9,10 RPT
D02.011.007	2-OFD-121D-2.1	OFD-121D-2.1		VT2	QCL-15 ISI-350		---		CL. C SYSTEM LEAK TEST
D02.011.008	2-OFD-121D-1.2	OFD-121D-1.2		VT2	QCL-15 ISI-350		---		CL. C SYSTEM LEAK TEST
D02.011.015	2-OFD-133A-2.2	OFD-133A-2.2		VT2	QCL-15 ISI-350		---		CL. C SYSTEM LEAK TEST
D02.011.016	2-OFD-133A-2.1	OFD-133A-2.1		VT2	QCL-15 ISI-350		---		CL. C SYSTEM LEAK TEST
D02.011.017	2-OFD-133A-2.3	OFD-133A-2.3		VT2	QCL-15 ISI-350		---		CL. C SYSTEM LEAK TEST
D02.011.018	2-OFD-133A-2.5	OFD-133A-2.5		VT2	QCL-15 ISI-350		---		CL. C SYSTEM LEAK TEST

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER D02

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D02.020.000	*** CLASS 3 INTEGRAL	ATTACHMENTS***** *****		***	*****	*****	---	*****	*****COMPONENTS SUPPORTS AND RESTRAINTS*****
D02.020.003	2-01A-R25	0-1400A		VT3	QCL-14	-----	---	----	STM SUPPLY EFNP - S/R'S 2-01A-4-0-1400A-R25
D02.020.006	2-01A-R27	0-1400A		VT3	QCL-14	-----	---	----	MAIN STEAM - SNUBBER 2-01A-4-2-0-1400A-R27
D02.020.007	2-01A-H4	0-1400A		VT3	QCL-14	-----	---	----	MAIN STEAM - S/R'S 2-01A-4-0-1400A-H4
D02.020.010	2-03-H51	0-551		VT3	QCL-14	-----	---	----	MAIN FDWTR - S/R'S 2-03-0-551-H51
D02.020.011	2-03-R8	0-1401A		VT3	QCL-14	-----	---	----	MAIN FDWTR - S/R'S 2-03-0-1401A-R8
D02.020.016	2-03-H7A	0-1480A		VT3	QCL-14	-----	---	----	MAIN FDWTR. - S/R'S 03-0-1480A-H7A
D02.020.028	2-03A-SR2	0-437B		VT3	QCL-14	-----	---	----	EMER. FDWTR. - S/R'S 2-03A-1-0-437B-SR2

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
D02.020.038	2-03A-H8	0-1439C		VT3	QCL-14	----	---	----	EMER. FDWTR - S/R'S 2-03A-1-0-1439C-H8
D02.020.046	2-03A-H15A	0-1437		VT3	QCL-14	----	---	----	EMER. FDWTR - S/R'S 2-03A-1-0-1437-H15A
D02.020.047	2-03A-H15	0-1437A		VT3	QCL-14	----	---	----	EMER. FDWTR - S/R'S 2-03A-1-0-1437A-H15
D02.020.078	2-03A-SR29	0-1400A		VT3	QCL-14	----	---	----	EMER. FDWTR - S/R'S 2-03A-1-0-1400A-SR29
D02.020.123	2-03A-SR17	0-1401B		VT3	QCL-14	---	---	----	EMER. FDWTR. - RIGID 2-03A-1-0-1401B-SR17
D02.020.129	2-03A-SR18	0-1401A		VT3	QCL-14	---	---	----	EMER. FDWTR. - RIGID 2-03A-1-0-1401A-SR18
D02.020.130	2-03A-SR22	0-1401A		VT3	QCL-14	---	---	----	EMER. FDWTR. - SWAY STRUT 2-03A-1-0-1401A-SR22
D02.020.133	2-03A-SR15	0-1439B		VT3	QCL-14	---	---	----	EMER. FDWTR. - RIGID 2-03A-1-0-1439B-SR15

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
D02.030.000	*****INTEGRAL	ATTACHMENTS***** *****	_____	***	*****	*****	____	****	MECHANICAL AND HYDRUALIC SNUBBERS*****
D02.040.000	*****INTEGRAL	ATTACHMENTS***** *****	_____	***	*****	*****	____	****	SPRING TYPE SUPPORTS***** *****
D02.060.000	*****INTEGRAL	ATTACHMENTS***** *****	_____	***	*****	*****	____	****	SHOCK ABSORBERS***** *****

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 2
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
D03.011.000	*****SYSTEM	INSERVICE TEST***** *****	_____	***	*****	*****	_____	*****	***** ***** *****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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 INSPECTIONS *****	_____	***	*****	_____	_____	_____	***** *****

PROGRAM: NISIRUNB-QAISI02
FILE: C007133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER E03

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
E03.001.000	***** ALTERNATE	EXAMINATIONS *****	_____	*** *****	_____	_____	_____	_____	***** ***** *****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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-QAISIO2
 FILE: CO07133
 PLANT: OCONEE UNIT 2
 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***** *****		***	*****	*****		*****	***** *****
F1.01.066	2-51A-H6A	0-1479A		VT	QCL-14	-----	02.50	-----	HPI - Y RIGID 2-51A-0-1479A-H6A
F1.01.067	2-51A-H5A	0-1479A		VT	QCL-14	-----	02.50	-----	HPI - Y RIGID 2-51A-0-1479A-H5A
F1.01.068	2-51A-H4A	0-1479A		VT	QCL-14	-----	02.50	-----	HPI - Y RIGID 2-51A-0-1479A-H4A
F1.01.069	2-51A-H3A	0-1479A		VT	QCL-14	-----	02.50	-----	HPI - X RIGID 2-51A-0-1479A-H3A
F1.01.075	2-51A-H10B	0-1479A		VT	QCL-14	-----	02.50	-----	HPI - X RIGID 2-51A-0-1479A-H10B
F1.01.088	2-51A-H16B	0-1479A		VT	QCL-14	-----	02.50	-----	HPI - Y RIGID 2-51A-0-1479A-H16B
F1.01.089	2-51A-H15B	0-1479A		VT	QCL-14	-----	02.50	-----	HPI - Y RIGID 2-51A-0-1479A-H15B

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
F1.01.090	2-51A-H14B	0-1479A		VT	QCL-14		02.50		HPI - Z RIGID 2-51A-0-1479A-H14B
F1.01.091	2-51A-H13B	0-1479A		VT	QCL-14		02.50		HPI - SPRING 2-51A-0-1479A-H13B
F1.01.092	2-51A-H6387	0-1478A		VT	QCL-14		02.50		HPI - RIGID 2-51A-1478A-H6387
F1.01.097	2-51A-H3C	0-1478A		VT	QCL-14		02.50		HPI - RIGID 2-51A-0-1478A-H3C
F1.02.000	*****CLASS 2	SUPPORTS***** *****		***	*****	*****		*****	***** *****
F1.02.004	2-01A-H4	0-1441		VT	QCL-14		36.50		MAIN STEAM - RIGID 2-01A-0-1441-H4
F1.02.012	2-01A-H12	0-1441		VT	QCL-14		36.50		MAIN STEAM - RIGID 2-01A-0-1441-H12
F1.02.013	2-01A-H13	0-1441		VT	QCL-14		36.50		MAIN STEAM - RIGID 2-01A-0-1441-H13

PROGRAM: NISIRUNB-QAISIO2
 FILE: CO07133
 PLANT: OCONEE UNIT 2
 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
F1.02.031	2-01A-R7	0-1441		VT	QCL-14	-----	36.50	-----	MAIN STEAM - MECH. SHOCK SUPP. 2-01A-0-1441-R7
F1.02.033	2-01A-R9-1	0-1441		VT	QCL-14	-----	36.50	-----	MAIN STEAM - MECH. SUPP. 2-01A-0-1441-R9-1
F1.02.035	2-01A-R11	0-1401B		VT	QCL-14	-----	36.50	-----	MAIN STEAM - MECH. SUPP. 2-01A-0-1401B-R11
F1.02.063	2-01A-H2B	0-1481B		VT	QCL-14	-----	24.25	-----	MAIN STM - HYD S.S. SUPP. 2-01A-0-1481B-H2B
F1.02.064	2-01A-H1B	0-1480A		VT	QCL-14	-----	26.12	-----	MAIN STM - SPRING 2-01A-0-1480A-H1B
F1.02.065	2-01A-H10B	0-1481A		VT	QCL-14	-----	26.12	-----	MAIN STM - X RIGID 2-01A-0-1481A-H10B
F1.02.067	2-01A-H8B	0-1481B		VT	QCL-14	-----	24.00	-----	MAIN STM - HYD. SHOCK SUPP. 2-01A-0-1481B-H8B
F1.02.075	2-01A-H10A	0-1481A		VT	QCL-14	-----	26.12	-----	MAIN STM - X RIGID 2-01A-0-1481A-H10A

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: O'CONNOR UNIT 2
 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
F1.02.102	2-03-H5B	0-1479A		VT	QCL-14	-----	20.00	-----	MAIN FDWTR - Z RIGID 2-03-0-1479A-H5B
F1.02.104	2-03-H3B	0-1479A		VT	QCL-14	-----	14.00	-----	MAIN FDWTR - X RIGID 2-03-0-1479A-H3B
F1.02.156	2-03A-H6272	0-1490C		VT	QCL-14	-----	06.00	-----	EMER FDWTR - SPRING 2-03A-1490C-H6272
F1.02.157	2-03A-H6273	0-1490C		VT	QCL-14	-----	06.00	-----	EMER FDWTR - SPRING 2-03A-1490C-H6273
F1.02.158	2-03A-H6274	0-1490C		VT	QCL-14	-----	06.00	-----	EMER FDWTR - SPRING 2-03A-1490C-H6274
F1.02.159	2-03A-H6275	0-1490C		VT	QCL-14	-----	06.00	-----	EMER FDWTR - SPRING 2-03A-1490C-H6275
F1.02.160	2-03A-2901	0-1439A		VT	QCL-14	-----	06.00	-----	EMER FDWTR - RIGID 2-03A-1-0-1439A-HTT-2901
F1.02.161	2-03A-0901	0-1439A		VT	QCL-14	-----	06.00	-----	EMER FDWTR - RIGID 2-03A-1439A-RL-0901

PROGRAM: NISIRUNB-QAISI02
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 PLANT: O'CONNOR UNIT 2
 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
F1.02.162	2-03A-0900	0-1439A	_____	VT	QCL-14	-----	06.00	-----	EMER FDWTR - RIGID 2-03A-1439A-RL-0900
F1.02.163	2-03-H6103	0-1480A	_____	VT	QCL-14	-----	06.00	-----	EMER FDWTR - SNUBBER 2-03-1480A-H6103
F1.02.209	2-51A-1411	0-435B	_____	VT	QCL-14	-----	06.00	-----	HPI - SPRING 2-51A-435B-DKB-1411
F1.02.210	2-51A-SR58	0-435B	_____	VT	QCL-14	-----	06.00	-----	HPI-RIGID 2-51A-6-0-435B-SR58
F1.02.236	2-53B-R68	0-435B	_____	VT	QCL-14	-----	14.00	-----	DECAY HEAT - RIGID 2-53B-2-0-435B-R68
F1.02.238	2-53B-DE015	0-435B	_____	VT	QCL-14	-----	14.00	-----	DECAY HEAT - RIGID 2-53B-0-435B-DE015
F1.02.247	2-53B-H3	0-436E	_____	VT	QCL-14	-----	14.00	-----	DECAY HEAT-RIGID 2-53B-2-0-436E-H3
F1.02.248	2-53B-H1	0-436E	_____	VT	QCL-14	-----	14.00	-----	DECAY HEAT - RIGID 2-53B-2-0-436E-H1

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 PLANT: OCONEE UNIT 2
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
F1.02.249	2-53B-H8	0-435B	_____	VT	QCL-14	-----	10.00	-----	DECAY HEAT - SPRING 2-53B-5-0-435B-H8
F1.02.250	2-53B-DE021	0-435B	_____	VT	QCL-14	-----	10.00	-----	DECAY HEAT - RIGID 2-53B-0-435B-DE021
F1.02.268	2-53B-DE055	0-1436A	_____	VT	QCL-14	-----	10.00	-----	DECAY HEAT - SHAY STRUT 2-53B-0-1436A-DE055
F1.02.272	2-53B-H31	0-435B	_____	VT	QCL-14	-----	14.00	-----	DECAY HEAT - SPRING 2-53B-4-0-435B-H31
F1.02.273	2-53B-H5	0-435B	_____	VT	QCL-14	-----	08.00	-----	DECAY HEAT - RIGID 2-53B-10-0-435B-H5
F1.02.274	2-53B-R9	0-435B	_____	VT	QCL-14	-----	06.00	-----	DECAY HEAT - RIGID 1-53B-5-0-435B-R9
F1.02.276	2-53B-H7	0-435B	_____	VT	QCL-14	-----	08.00	-----	DECAY HEAT - RIGID 2-53B-10-0-435B-H7
F1.02.277	2-53B-R69	0-435B	_____	VT	QCL-14	-----	08.00	-----	DECAY HEAT - RIGID 2-53B-2-0-435B-R69

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	INSP. PROC. MATERIAL DIAM./ CALIB LOCS. REQ. NUMBERS TYPE/GRADE THICK BLOCK	COMMENTS
F1.02.299	2-53B-DE066	0-435B	VT QCL-14 ----- 10.00 -----	DECAY HEAT - RIGID 2-53B-1-0-435B-DE066
F1.02.302	2-53B-SR1000	0-435B	VT QCL-14 ----- 10.00 -----	DECAY HEAT - SNUBBER 2-53B-5-0-435B-SR1000
F1.02.303	2-53B-H5	0-435B	VT QCL-14 ----- 10.00 -----	DECAY HEAT - SPRING 2-53B-5-0-435B-H5
F1.02.304	2-53B-DE062	0-435B	VT QCL-14 ----- 08.00 -----	DECAY HEAT - RIGID 2-53B-1-0-435B-DE062
F1.02.305	2-53B-H4	0-435B	VT QCL-14 ----- 08.00 -----	DECAY HEAT - RIGID 2-53B-10-0-435B-H4
F1.02.306	2-53B-DE061	0-435B	VT QCL-14 ----- 06.00 -----	DECAY HEAT - SHAY STRUT 2-53B-1-0-435B-DE061
F1.02.327	2-53B-DE068	0-1439C	VT QCL-14 ----- 10.00 -----	DECAY HEAT - MECH. SHOCK SUPP. 2-53B-1-0-1439C-DE068
F1.02.361	2-54B-H0004	0-1477	VT QCL-14 ----- 08.00 -----	REACTOR BLDG. SPRAY - Y RIGID 2-54B-0-1477-GPD-H0004

PROGRAM: NISIRUNB-QAISI02
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 PLANT: OCONEE UNIT 2
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F1.02.427	2-54A-R10	0-435B		VT	QCL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - RIGID 2-54A-3-0-435B-R10
F1.02.430	2-54A-R45	0-435B		VT	QCL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - RIGID 2-54A-3-0-435B-R45
F1.02.431	2-54A-1001	0-435B		VT	QCL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - RIGID 2-54A-0-435B-ATM-1001
F1.02.432	2-54A-H25	0-435B		VT	QCL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - SPRING 2-54A-3-0-435B-H25
F1.02.433	2-54A-H2	0-1444		VT	QCL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - RIGID 2-54A-3-0-1444-H2
F1.02.438	2-54A-R4	0-435B		VT	QCL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - RIGID 2-54A-3-0-435B-R4
F1.02.449	2-54A-H5	0-1439C		VT	QCL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - RIGID 2-54A-3-0-1439C-H5
F1.02.451	2-54A-H6	0-1439C		VT	QCL-14	-----	08.00	-----	REACTOR BLDG. SPRAY - RIGID 2-54A-3-0-1439C-H6

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.02.502	2-55-H18	0-1439C		VT	QCL-14	-----	08.00	-----	COMPONENT COOLING - RIGID 2-55-1-0-1439C-H18
F1.02.503	2-55-H36	0-1439C		VT	QCL-14	-----	08.00	-----	COMPONENT COOLING - RIGID 2-55-1-0-1439C-H36
F1.02.504	2-55-DE003	0-1439A		VT	QCL-14	-----	06.00	-----	COMPONENT COOLING - RIGID 2-55-1-0-1439A-DE003
F1.02.505	2-55-H19	0-1439C		VT	QCL-14	-----	08.00	-----	COMPONENT COOLING -RIGID 2-55-1-0-1439C-H19
F1.02.525	2-56-H16	0-1479A		VT	QCL-14	-----	08.00	-----	SPENT FUEL - X RIGID 2-56-0-1479A-H16
F1.02.526	2-56-H15	0-1478A		VT	QCL-14	-----	08.00	-----	SPENT FUEL - X RIGID 2-56-0-1478A-H15
F1.02.528	2-56-H14	0-1478A		VT	QCL-14	-----	08.00	-----	SPENT FUEL - Y RIGID 2-56-0-1478A-H14
F1.02.529	2-56-H13	0-1478A		VT	QCL-14	-----	08.00	-----	SPENT FUEL - Y RIGID 2-56-0-1478A-H13

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION LISTING OUTAGE 11

ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM. THICK	CALIB BLOCK	COMMENTS
F1.03.000	***** CLASS 3	SUPPORTS***** *****		***	***** *****				***** *****
F1.03.010	2-01A-R19	0-1403D		VT	QCL-14		06.00		STM.SUPPLY EFWP.TURB.- SNUBBER 2-01A-4-0-1403D-R19
F1.03.011	2-01A-DE022	0-1403D		VT	QCL-14		06.00		STM SUPPLY EFWP TURB. - RIGID 2-01A-1403D-DE022
F1.03.012	2-01A-DE026	0-1403D		VT	QCL-14		06.00		STM SUPPLY EFWP TURB. - RIGID 2-01A-1403D-DE026
F1.03.013	2-01A-DE027A	0-1403D		VT	QCL-14		06.00		STM SUPPLY EFWP TURB. - RIGID 2-01A-1403D-DE027A
F1.03.022	2-01A-H11	0-1403D		VT	QCL-14		06.00		STM SUPPLY EFWP TURB. - RIGID 2-01A-4-0-1403D-H11
F1.03.026	2-01A-R25	0-1400A		VT	QCL-14		06.00		STM SUPPLY EFWP TURB. - RIGID 2-01A-4-0-1400A-R25
F1.03.029	2-01A-H4	0-1400A		VT	QCL-14		06.00		STM SUPPLY EFWP TURB. - SPRING 2-01A-4-0-1400A-H4

PROGRAM: NISIRUNB-QAISI02
 FILE: CO07133
 PLANT: OCONEE UNIT 2
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
F1.03.030	2-01A-R7	0-1403C		VT	QCL-14	-----	06.00	-----	SS EFWP TURB. - SWAY STRUT 2-01A-4-0-1403C-R7
F1.03.031	2-01A-R27	0-1400A		VT	QCL-14	-----	06.00	-----	SS EFWP TURB. - MECH SUPPORT 2-01A-4-2-0-1400A-R27
F1.03.032	2-01A-2301	0-1400H		VT	QCL-14	-----	06.00	-----	SS EFWP TURB. - RIGID 2-01A-4-0-1400H-JG-2301
F1.03.053	2-03-H51	0-551		VT	QCL-14	-----	24.00	-----	MAIN FDWTR - RIGID 2-03-0-551-H51
F1.03.054	2-03-R8	0-1401A		VT	QCL-14	-----	24.00	-----	MAIN FDWTR - RIGID 2-03-0-1401A-R8
F1.03.144	2-03A-DE006	0-1401B		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1401B-DE006
F1.03.145	2-03A-SR15	0-1401B		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1401B-SR15
F1.03.152	2-03A-SR4	0-1401B		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1401B-SR4

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: CCONEE UNIT 2
 KEY: ITEM NUMBER F1.

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
F1.03.160	2-03A-SR8	0-1401B	_____	VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1401B-SR8
F1.03.167	2-03A-SR11	0-1401B	_____	VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1401B-SR11
F1.03.173	2-03A-1213	0-1401A	_____	VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1401A-GC-1213
F1.03.174	2-03A-DE033	0-1401A	_____	VT	QCL-14	-----	06.00	-----	EMER. FDWTR - MECH S. SUPP. 2-03A-1401A-DE033
F1.03.175	2-03A-1601	0-1401D	_____	VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1401D-JGM-1601
F1.03.192	2-03A-H8	0-1439C	_____	VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1439C-H8
F1.03.194	2-03A-SR50	0-1401A	_____	VT	QCL-14	-----	06.00	-----	EMER. FDWTR - SNUBBER 2-03A-1-0-1401A-SR50
F1.03.195	2-03A-1214	0-1401A	_____	VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1401A-GC-1214

PROGRAM: NISIRUNB-QAISI02
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 PLANT: OCONEE UNIT 2
 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
F1.03.196	2-03A-H19	0-439A		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-439A-H19
F1.03.197	2-03A-H17(A)	0-1439B		VT	QCL-14	-----	06.00	-----	EMER. FDWTR. - RIGID / SNUBBER 2-03A-1-0-1439B-H17
F1.03.216	2-03A-H15A	0-1437		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1437-H15A
F1.03.217	2-03A-H15	0-1437A		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1437A-H15
F1.03.240	2-03A-H30	0-1400A		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1400A-H30
F1.03.252	2-03A-SR2	0-437B		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-437B-SR2
F1.03.266	2-03A-SR29	0-1400A		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1400A-SR29
F1.03.269	2-03A-H118	0-1400A		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1400A-H118

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 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER F1.

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F1.03.272	2-03A-H39	0-1400B		VT	QCL-14		06.00		EMER. FDWTR - RIGID 2-03A-1-0-1400B-H39
F1.03.362	2-07A-H6	0-1402A		VT	QCL-14		30.00		CONDENSATE SYSTEM - SPRING 2-07A-6-0-1402A-H6
F1.03.364	2-07A-DE041	0-1402A		VT	QCL-14		24.00		CONDENSATE SYSTEM - RIGID 2-07A-1402A-DE041
F1.03.365	2-07A-1101	0-1402A		VT	QCL-14		24.00		CONDENSATE SYSTEM - RIGID 2-07A-1402A-DB-PS-1101
F1.03.366	2-07A-SR19	0-1400A		VT	QCL-14		24.00		CONDENSATE SYSTEM - RIGID 2-07A-1400A-SR19
F1.03.375	2-07A-DE003	0-1400A		VT	QCL-14		24.00		CONDENSATE SYSTEM - RIGID 2-07A-1400A-DE003
F1.03.405	2-07A-SR6A	0-1400A		VT	QCL-14		08.00		CONDENSATE SYSTEM - RIGID 2-07A-1400A-SR6A
F1.03.406	2-07A-DE048	0-1400A		VT	QCL-14		08.00		CONDENSATE SYSTEM - RIGID 2-07A-1400A-DE048

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
F1.03.408	2-07A-SR6	0-1400A		VT	QCL-14		08.00		CONDENSATE SYSTEM - RIGID 2-07A-0-1400A-SR6
F1.03.420	2-07A-SR5	0-1400A		VT	QCL-14		08.00		CONDENSATE SYSTEM - RIGID 2-07A-0-1400A-SR5
F1.03.424	2-07A-SR8	0-1400A		VT	QCL-14		08.00		CONDENSATE SYSTEM - RIGID 2-07A-1400A-SR8
F1.03.426	2-07A-DE007	0-1400A		VT	QCL-14		08.00		CONDENSATE SYSTEM - RIGID 2-07A-1400A-DE007
F1.03.429	2-07A-DE005	0-1400A		VT	QCL-14		08.00		CONDENSATE SYSTEM - RIGID 2-07A-1400A-DE005
F1.03.430	2-07A-SR11	0-1400A		VT	QCL-14		08.00		CONDENSATE SYSTEM - RIGID 2-07A-0-1400A-SR11
F1.03.494	2-14-H6091	0-1478F		VT	QCL-14		06.00		AUX SERVICE WATER - RIGID 2-14-1478F-H6091
F1.03.495	2-14-H6092	0-1478F		VT	QCL-14		06.00		AUX SERVICE WATER - SPRING 2-14-1478F-H6092

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 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
F1.03.496	2-14-H6093	0-1478F		VT	QCL-14	-----	06.00	-----	AUX SERVICE WATER - RIGID 2-14-1478F-H6093
F1.03.505	2-03-H6087	0-1478F		VT	QCL-14	-----	06.00	-----	FDWTR - RIGID 2-03-1478F-H6087
F1.03.506	2-03A-H6277	0-1480A		VT	QCL-14	-----	06.00	-----	FDWTR - RIGID 2-03A-1480A-H6277
F1.03.509	2-03A-SR20	0-1401A		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1-0-1401A-SR20
F1.03.511	2-03A-0905	0-1401A		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1401A-GC-0905
F1.03.512	2-03A-09-03	0-1401A		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1401A-JG-09-03
F1.03.515	2-03A-11-02	0-1401A		VT	QCL-14	-----	06.00	-----	EMER. FDWTR - RIGID 2-03A-1401A-JG-11-02
F1.03.520	2-03A-SR57	0-1401A		VT	QCL-14	-----	06.00	-----	EMER. FDWTR. - RIGID 2-03A-1-0-1401A-SR57

PROGRAM: NISIRUNB-QAISI02
 FILE: CO07133
 PLANT: OCONEE UNIT 2
 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
F1.03.524	2-03A-SR34(A)	0-1439A		VT	QCL-14		06.00		EMER. FDWTR - RIGID 2-03A-1-0-1439A-SR34
F1.03.549	2-03A-DE023	0-1401B		VT	QCL-14		06.00		EMER. FDWTR - RIGID 2-03A-1-0-1401B-DE023
F1.03.552	2-03A-SR17	0-1401B		VT	QCL-14		06.00		EMER. FDWTR - RIGID 2-03A-1-0-1401B-SR17
F1.03.557	2-03A-SR18	0-1401A		VT	QCL-14		06.00		EMER. FDWTR - RIGID 2-03A-1-0-1401A-SR18
F1.03.558	2-03A-SR22	0-1401A		VT	QCL-14		06.00		EMER. FDWTR - SHAY STRUT 2-03A-1-0-1401A-SR22
F1.03.561	2-03A-SR15	0-1439B		VT	QCL-14		06.00		EMER. FDWTR - RIGID 2-03A-1-0-1439B-SR15
F1.03.562	2-03-H7A	0-1480A		VT	QCL-14		24.00		FDWTR - SHOCK SHAY SUPPRESSOR 03-0-1480A-H7A

3.0 Final Inservice Inspection Plan for Outage 11

The final ISI Plan presented in this section lists all examinations credited for Outage 11 at Oconee Unit 2. This includes ASME Section XI Class 1, 2, and augmented inspections required by the plant technical specifications.

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 & Class 3), and Augmented 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
Comments	=	General and/or Detail Description

PROGRAM: NISIRUNB-QAIS102
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B01

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP. REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./THICK	CALIB BLOCK	COMMENTS
B01.000.000	REACTOR VESSEL	WELDS***** *****		***	*****	*****	--- ---	*****	***** *****
B01.010.000	REACTOR VESSEL	SHELL WELDS***** *****		***	*****	*****	--- ---	*****	***** *****
B01.011.000	***** REACTOR VESSEL	CIRCUMFERENTIAL***** SHELL WELDS*****		***	*****	*****	--- ---	*****	***** *****
B01.012.000	REACTOR VESSEL	LONGITUDINAL***** SHELL WELDS*****		***	*****	*****	--- ---	*****	***** *****
B01.020.000	REACTOR VESSEL	HEAD WELDS***** *****		***	*****	*****	--- ---	*****	***** *****
B01.021.000	***** REACTOR VESSEL	HEAD WELDS***** CIRCUMFERENTIAL*****		***	*****	*****	--- ---	*****	***** *****
B01.022.000	REACTOR VESSEL	HEAD WELDS***** MERIDIONAL*****		***	*****	*****	--- ---	*****	***** *****
B01.030.000	***** REACTOR VESSEL	SHELL TO FLANGE WELD *****		***	*****	*****	--- ---	*****	***** *****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B01

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B01.040.000	****	REACTOR VESSEL HEAD TO FLANGE WELDS *****		***	*****	*****		****	***** *****

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B02

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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*****	_____	***	*****	*****	__.	****	*****
B02.040.001	2SGA-WG58-1	ISI-OCN2-003 OM-1201-450	_____	UT	ISI-130	CS	08.500	40305	UPPER HEAD TO TUBE SHEET PC 08 TO 51
B02.051.000	****	HEAT EXCHANGER CIRCUMFERENTIAL **** SHELL / HEAD WELDS *	_____	***	*****	_____	__.	_____	*** 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 **

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B03

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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*****		***	*****	*****		*****	***** *****
B03.110.009	2PZR-WP26-1	ISI-0CN2-002		UT	ISI-130	CS	06.188	40395	PZR SEN & SAMPLING NOZ BET W&X PC 30 TO 04
B03.110.011	2PZR-WP26-3	ISI-0CN2-002		UT	ISI-130	CS	06.188	40395	PZR SENSING/SAMPLING NOZZLE 47 DEGREES OFF W-AXIS PC 30 TO 04
B03.110.012	2PZR-WP26-7	ISI-0CN2-002		UT	ISI-130	CS	06.188	40395	PZR SENSING/SAMPLING NOZZLE 40 DEGREES OFF W-AXIS PC 30 TO 04
B03.120.000	***PRESSURIZER	NOZZLE INSIDE RADIUS SECTION*****		***	*****	*****		*****	***** *****
B03.120.009	2PZR-WP26-1	ISI-0CN2-002		UT	ISI-130	CS	06.188	40395	SAMPLING NOZZLE BETWEEN W & X PC 30 TO 4 INSIDE RADIUS

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B03

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ITEM NUMBER	ID. NUMBER	DRAWING NUMBERS	LOCS.	INSP REQ.	PROC. NUMBERS	MATERIAL TYPE/GRADE	DIAM./ THICK	CALIB BLOCK	COMMENTS
B03.120.011	2PZR-WP26-3	ISI-OCN2-002		UT	ISI-130	CS	06.188	40395	SAMPLING NOZZLE 47 DEGREES OFF W AXIS PC 30 TO 4 INSIDE RAD.
B03.120.012	2PZR-WP26-7	ISI-OCN2-002		UT	ISI-130	CS	06.188	40395	SAMPLING NOZZLE 40 DEGREES OFF W AXIS PC 30 TO 4 INSIDE RAD.
B03.130.000	*****STEAM	GENERATOR NOZZLE TO VESSEL WELDS*****		***	*****	*****	---	*****	***** *****
B03.130.005	2SGA-WG25	ISI-OCN2-003 OM-1201-450		UT	ISI-130	CS	48.63 08.000	40305	2A INLET NOZZLE PC 70 TO 08
B03.140.000	*****STEAM	GENERATOR NOZZLE INSIDE RADIUS*****		***	*****	*****	---	*****	***** *****
B03.140.005	2SGA-WG25	ISI-OCN2-003 OM-1201-450		UT	ISI-130	CS	48.63 08.000	40305	2A INLET NOZZLE PC 70 TO 08 NOZZLE INSIDE RADIUS
B03.150.000	HEAT EXCHANGER	NOZZLE TO VESSEL WELDS*****		***	*****	*****	---	*****	*** INSPECTOR TO RECORD *** ** COOLER S\N ON INSP. DATA **
B03.160.000	**** HEAT EXCHANGER	NOZZLE INSIDE RADIUS SECTION *****		***	*****	*****	---	*****	*** INSPECTOR TO RECORD *** ** COOLER S\N ON INSP. DATA **

PROGRAM: NISIRUNB-QAISI02
 FILE: CO07133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B04

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
B04.012.000	***** PARTIAL	PENETRATION WELDS*** CRD NOZZELS *****	_____	***	*****	*****	____	*****	INSPECT AND DOCUMENT 100 % OF NOZZLE WELDS ON NPD PROCEDURE
B04.013.000	***** PARTIAL	PENETRATION WELDS ** INCORE INSTRUMENTION	_____	***	*****	*****	____	*****	INSPECT AND DOCUMENT 100 % OF NOZZLE WELDS ON NPD PROCEDURE

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B05

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
B05.010.000	REACTOR VESSEL	NOZZLE TO SAFE END** BUTT WELDS*****		***	*****	****	---	****	NOMINAL PIPE SIZE 4 IN. ***** AND GREATER *****
B05.020.000	***PRESSURIZER	NOZZLE TO SAFE END** BUTT WELDS*****		***	*****	****	---	****	NOMINAL PIPE SIZE 4 IN. ***** AND GREATER *****
B05.021.000	***** PRESSURIZER	NOZZLE-TO-SAFE END** BUTT WELDS *****		***	*****	****	---	---	NOMINAL PIPE SIZE < 4 IN. ***** *****
B05.050.000	***** CLASS 1 PIPING	DISSIMILAR METAL**** BUTT WELDS*****		***	*****	****	---	****	NOMINAL PIPE SIZE 4 IN. & OVER *****
B05.050.001	2PIA1-7	ISI-OCN2-007		UT	ISI-119	CS/SS	33.50 03.000	40397	A1 SUCTION, PUMP SAFE END TO PIPE
B05.050.001A	2PIA1-7	ISI-OCN2-007		PT	NDE-35	CS/SS	33.50 03.000	---	A1 SUCTION. PUMP SAFE END TO PIPE
B05.050.004	2PDA2-2	ISI-OCN2-012		UT	ISI-119	CS/SS	33.50 03.000	40397	A2 DISCHARGE, PUMP SAFE END TO ELBOW
B05.050.004A	2PDA2-2	ISI-OCN2-012		PT	NDE-35	CS/SS	33.50 03.000	---	A2 DISCHARGE, PUMP SAFE END TO ELBOW

PROGRAM: NISIRUNB-QAISI02
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B05

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
B05.051.000	***** CLASS 1 PIPING	DISSIMILAR METAL**** BUTT WELDS*****	_____	***	***** *****	_____	_____	_____	NOMINAL PIPE SIZE < 4 INCHES *****
B05.051.011	2PDB2-11	ISI-OCN2-014	_____	PT	NDE-35	CS/SS	03.50 00.750	-----	B2 DISCHARGE HPI NOZZLE TO SAFE END PC 46 TO 47

4.0 Results of Inspections Performed During Outage 11

The results of each inspection shown in the final ISI Plan (Section 3 of this report) are included in this section. The completion date and status for each inspection are shown. All inspections 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), and
Augmented 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-QAISI04
FILE: CO07133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER B02

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
OCONEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B02.040.001	2SGA-WG58-1	09/24/90	CLR	L	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: O'CONNEE UNIT 2
 KEY: ITEM NUMBER B03

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 O'CONNEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEØ. REF.	COMMENTS
B03.110.009	2PZR-WP26-1	10/02/90	CLR	L	N	
B03.110.011	2PZR-WP26-3	09/27/90	CLR	-	N	
B03.110.012	2PZR-WP26-7	10/04/90	CLR	-	N	
B03.120.009	2PZR-WP26-1	10/02/90	CLR	L	N	
B03.120.011	2PZR-WP26-3	09/27/90	CLR	-	N	
B03.120.012	2PZR-WP26-7	10/04/90	CLR	-	N	
B03.130.005	2SGA-WG25	09/24/90	CLR	L	N	
B03.140.005	2SGA-WG25	09/24/90	CLR	-	N	

PROGRAM: NISIRUND-QAISI04
FILE: C007133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER B05

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B05.050.001	2PIA1-7	10/01/90	CLR	-	N	_____
B05.050.001A	2PIA1-7	09/28/90	CLR	-	N	_____
B05.050.004	2PDA2-2	10/01/90	CLR	L	N	_____
B05.050.004A	2PDA2-2	09/28/90	CLR	-	N	_____
B05.051.011	2PDB2-11	09/20/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: CO07133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B06

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEØ. REF.	COMMENTS
B06.010.002	2RPV-26-204-02	09/26/90	CLR	-	N	
B06.010.003	2RPV-26-204-03	09/26/90	CLR	-	N	
B06.010.004	2RPV-26-204-04	09/26/90	CLR	-	N	
B06.010.005	2RPV-26-204-05	09/26/90	CLR	-	N	
B06.010.006	2RPV-26-204-06	09/26/90	CLR	-	N	
B06.010.007	2RPV-26-204-07	09/26/90	CLR	-	N	
B06.010.008	2RPV-26-204-08	09/26/90	CLR	-	N	
B06.010.009	2RPV-26-204-09	09/26/90	CLR	-	N	
B06.010.010	2RPV-26-204-10	09/26/90	CLR	-	N	
B06.010.011	2RPV-26-204-11	09/26/90	CLR	-	N	
B06.010.012	2RPV-26-204-12	09/26/90	CLR	-	N	
B06.010.013	2RPV-26-204-13	09/26/90	CLR	-	N	
B06.010.014	2RPV-26-204-14	09/26/90	CLR	-	N	
B06.010.020	2RPV-26-204-20	09/26/90	CLR	-	N	
B06.010.021	2RPV-26-204-21	09/26/90	CLR	-	N	

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B06

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
B06.030.002	2RPV-25-204-02	09/26/90	CLR	-	N	_____
B06.030.002A	2RPV-25-204-02	09/25/90	CLR	-	N	_____
B06.030.003	2RPV-25-204-03	09/26/90	CLR	-	N	_____
B06.030.003A	2RPV-25-204-03	09/25/90	CLR	-	N	_____
B06.030.004	2RPV-25-209-64	09/26/90	CLR	-	N	_____
B06.030.004A	2RPV-25-209-64	09/25/90	CLR	-	N	_____
B06.030.005	2RPV-25-204-05	09/26/90	CLR	-	N	_____
B06.030.005A	2RPV-25-204-05	09/25/90	CLR	-	N	_____
B06.030.006	2RPV-25-204-06	09/26/90	CLR	-	N	_____
B06.030.006A	2RPV-25-204-06	09/25/90	CLR	-	N	_____
B06.030.007	2RPV-25-204-07	09/26/90	CLR	-	N	_____
B06.030.007A	2RPV-25-204-07	09/26/90	CLR	-	N	_____
B06.030.008	2RPV-25-204-08	09/26/90	CLR	-	N	_____
B06.030.008A	2RPV-25-204-08	09/26/90	CLR	-	N	_____
B06.030.009	2RPV-25-204-09	09/26/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B06

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B06.030.009A	2RPV-25-204-09	09/25/90	CLR	-	N	_____
B06.030.010	2RPV-25-204-10	09/26/90	CLR	-	N	_____
B06.030.010A	2RPV-25-204-10	09/25/90	CLR	-	N	_____
B06.030.011	2RPV-25-204-11	09/26/90	CLR	-	N	_____
B06.030.011A	2RPV-25-204-11	09/25/90	CLR	-	N	_____
B06.030.012	2RPV-25-204-12	09/26/90	CLR	-	N	_____
B06.030.012A	2RPV-25-204-12	09/25/90	CLR	-	N	_____
B06.030.013	2RPV-25-204-13	09/26/90	CLR	-	N	_____
B06.030.013A	2RPV-25-204-13	09/25/90	CLR	-	N	_____
B06.030.014	2RPV-25-204-14	09/26/90	CLR	-	N	_____
B06.030.014A	2RPV-25-204-14	09/25/90	CLR	-	N	_____
B06.030.020	2RPV-25-204-20	09/26/90	CLR	-	N	_____
B06.030.020A	2RPV-25-204-20	09/25/90	CLR	-	N	_____
B06.030.021	2RPV-25-204-21	09/26/90	CLR	-	N	_____
B06.030.021A	2RPV-25-204-21	09/25/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B06

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
B06.050.001	2RPV-WASH-BUSH	09/25/90	CLR	-	N	_____
B06.060.001	2PZR-MW-STUDS	09/18/90	CLR	-	N	_____
B06.080.001	2PZR-MW-NUTS	09/21/90	CLR	-	N	_____
B06.180.003	2RCP-2B1-FB	09/25/90	CLR	-	N	_____
B06.180.004	2RCP-2B2-FB	09/25/90	CLR	-	N	_____
B06.200.003	2RCP-B1-NUTS	09/24/90	CLR	-	N	_____
B06.200.004	2RCP-B2-NUTS	09/21/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
FILE: C007133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER B07

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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OCONEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEOR. REF.	COMMENTS
B07.030.005	2SGA-UH-BOLTS	09/26/90	CLR	-	N	
B07.030.006	2SGA-LH-BOLTS	10/10/90	CLR	-	N	
B07.070.015	2-51A-HP153	09/21/90	CLR	-	N	

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER B09

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEO. REF. =====	COMMENTS =====
B09.011.001	2PIA1-1	09/27/90	CLR	L	N	_____
B09.011.001A	2PIA1-1	09/27/90	CLR	-	N	_____
B09.011.015	2PIA2-1	09/27/90	CLR	L	N	_____
B09.011.015A	2PIA2-1	09/27/90	CLR	-	N	_____
B09.011.068	2PHA-12	10/01/90	CLR	-	N	_____
B09.011.068A	2PHA-12	09/25/90	CLR	-	N	_____
B09.011.164	2-53A-09-16	09/28/90	CLR	L	N	_____
B09.011.164A	2-53A-09-16	09/28/90	CLR	-	N	_____
B09.011.203	2-53A-10-08	10/01/90	CLR	-	Y	_____
B09.011.203A	2-53A-10-08	09/28/90	CLR	-	N	_____
B09.012.015	2PDA2-53LI	10/03/90	CLR	L	N	_____
B09.012.015A	2PDA2-53LI	09/28/90	CLR	-	N	_____
B09.012.016	2PDA2-53LO	10/03/90	CLR	L	N	_____
B09.012.016A	2PDA2-53LO	09/28/90	CLR	-	N	_____
B09.021.101	2-51A-39.3-44	09/20/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
FILE: CO07133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER B09

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QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B09.021.114	2-51A-39.3-90C	09/20/90	CLR	-	N	_____
B09.032.002	2PIA2-10	09/25/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISIO4
FILE: C007133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER B15

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B15.010.001	2RPV-LK TEST	10/25/90	CLR	-	N	_____
B15.020.001	2PZR-LK TEST	10/25/90	CLR	-	N	_____
B15.030.001	2SGA-LK TEST	10/25/90	CLR	-	N	_____
B15.030.002	2SGB-LK TEST	10/25/90	CLR	-	N	_____
B15.040.001	2LDC2A-LK TEST	10/25/90	CLR	-	N	_____
B15.040.002	2LDC2B-LK TEST	10/25/90	CLR	-	N	_____
B15.050.001	2-ØFD-100A-2.1	10/25/90	CLR	-	N	_____
B15.050.001A	2-ØFD-100A-2.2	10/25/90	CLR	-	N	_____
B15.050.002	2-ØFD-101A-2.1	10/25/90	CLR	-	N	_____
B15.050.003	2-ØFD-101A-2.4	10/25/90	CLR	-	N	_____
B15.050.004	2-ØFD-102A-2.1	10/25/90	CLR	-	N	_____
B15.050.005	2-ØFD-102A-2.2	10/25/90	CLR	-	N	_____
B15.050.006	2-ØFD-102A-2.3	10/25/90	REC	-	N	_____
B15.050.007	2-ØFD-110A-2.1	10/25/90	CLR	-	N	_____
B15.050.009	2-ØFD-100A-2.3	10/25/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
FILE: C007133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER B15

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B15.050.010	2-ØFD-110A-2.4	10/25/90	CLR	-	N	_____
B15.060.001	2-RCP-2A1	10/25/90	REC	-	N	_____
B15.060.002	2-RCP-2A2	10/25/90	CLR	-	N	_____
B15.060.003	2-RCP-2B1	10/25/90	CLR	-	N	_____
B15.060.004	2-RCP-2B2	10/25/90	REC	-	N	_____

PROGRAM: NISIRUND-QAISI04
FILE: C007133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER B16

DUKE POWER COMPANY
QUALITY ASSURANCE DEPARTMENT
PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
OCONEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
B16.011.001	2SGA-TUBES	10/04/90	REP	-	N	_____
B16.011.002	2SGB-TUBES	10/04/90	REP	-	N	_____

PROGRAM: NISIRUND-QAISI04
FILE: C007133
PLANT: OCONEE UNIT 2
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 =====
C01.030.001	2SGA-WG60	09/26/90	CLR	L	Y	_____

PROGRAM: NISIRUND-QAISI04
FILE: C007133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER C02

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEN. REF. =====	COMMENTS =====
C02.021.002	2SGA-WG23-2	09/27/90	REC	-	Y	_____
C02.021.002A	2SGA-WG23-2	09/27/90	CLR	-	N	_____
C02.022.002	2SGA-WG23-2	09/27/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER C03

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
C03.010.025	2SGB-WG84-YZ	09/25/90	CLR	-	N	_____
C03.010.032	2SGA-WG84-YX	09/27/90	CLR	-	N	_____
C03.040.002	2-01A-H12	09/05/90	CLR	-	N	_____
C03.040.003	2-01A-H13	09/05/90	CLR	-	N	_____
C03.040.008	2-01A-R7	09/05/90	CLR	L	N	_____
C03.040.020	2-01A-H1B	09/25/90	CLR	-	N	_____
C03.040.069	2-54B-H13A	09/25/90	CLR	-	N	_____
C03.040.072	2-54A-H5	09/20/90	CLR	-	N	_____
C03.040.080	2-56-H16	09/21/90	CLR	-	N	_____
C03.040.088	2SGA-WG87-YX	09/27/90	CLR	-	N	_____
C03.040.093	2SGB-WG87-YZ	09/25/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER C05

DUKE POWER COMPANY
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C05.011.002	2-53B-17.1-9A	09/30/90	CLR	-	N	
C05.011.024	2-53B-18.1-40	09/12/90	CLR	-	N	
C05.011.043	2-53B-19.2-64	09/12/90	CLR	-	N	
C05.011.069	2-53B-27.1-2	10/04/90	CLR	-	N	
C05.011.078	2-53B-28.2-30	09/12/90	CLR	-	N	
C05.011.087	2-53B-28.2-71B	09/12/90	CLR	-	N	
C05.011.089	2-53B-28.3-6	09/12/90	CLR	-	N	
C05.011.091	2-53B-28.3-8	09/12/90	CLR	-	N	
C05.011.096	2-53B-30-01	10/03/90	CLR	-	N	
C05.011.251	2-56-06-313B	08/30/90	CLR	-	N	
C05.011.252	2-56-06-318B	08/30/90	CLR	-	N	
C05.011.253	2-56-06-322B	08/30/90	CLR	-	N	
C05.011.254	2-56-25-04	08/23/90	CLR	-	N	
C05.011.255	2-56-25-09	08/23/90	CLR	-	N	
C05.011.256	2-56-25-14	08/23/90	CLR	-	N	

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEN. REF. =====	COMMENTS =====
C05.011.257	2-56-13-61	08/30/90	CLR	-	N	_____
C05.011.314	2-54A-07-5	09/12/90	CLR	-	N	_____
C05.011.315	2-54A-07-10	09/18/90	CLR	-	N	_____
C05.011.316	2-54A-07-15	09/18/90	CLR	-	N	_____
C05.011.317	2-54A-07-19	09/12/90	CLR	-	N	_____
C05.011.318	2-54A-07-23	09/12/90	CLR	-	N	_____
C05.011.319	2-54A-07-27A	09/30/90	CLR	-	N	_____
C05.011.320	2-54A-07-28	09/18/90	CLR	-	N	_____
C05.011.321	2-54A-07-30	09/18/90	CLR	-	N	_____
C05.011.322	2-54A-07-33	09/18/90	CLR	-	N	_____
C05.011.401	2-51A-17.1-8A	09/30/90	CLR	-	N	_____
C05.011.406	2-51A-17.1-31	09/30/90	CLR	-	N	_____
C05.011.409	2-51A-17.1-58	09/30/90	CLR	-	N	_____
C05.011.410	2-51A-17.1-63	09/30/90	CLR	-	N	_____
C05.011.551	2-03A-10-15B	09/27/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
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 PLANT: OCONEE UNIT 2
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C05.011.552	2-03A-10-21	09/27/90	CLR	-	N	_____
C05.011.557	2-03A-11-42A	09/30/90	CLR	-	N	_____
C05.011.559	2-03A-11-35I	09/20/90	CLR	-	N	_____
C05.012.002	2-53B-27.1-2L	10/04/90	CLR	-	N	_____
C05.012.011	2-56-25-04L	08/23/90	CLR	-	N	_____
C05.012.012	2-56-25-09L	08/23/90	CLR	-	N	_____
C05.012.013	2-56-25-14L	08/23/90	CLR	-	N	_____
C05.012.014	2-56-06-313BL	08/30/90	CLR	-	N	_____
C05.012.015	2-56-06-318BL	08/30/90	CLR	-	N	_____
C05.012.016	2-56-06-322BL	08/30/90	CLR	-	N	_____
C05.012.025	2-54A-07-23L	09/13/90	CLR	-	N	_____
C05.012.026	2-54A-07-10L	09/18/90	CLR	-	N	_____
C05.021.001	2-53A-8.1-19	09/20/90	CLR	L	Y	_____
C05.021.001A	2-53A-8.1-19	09/20/90	CLR	-	N	_____
C05.021.056	2-03-18.2-37	10/03/90	CLR	-	Y	_____

PROGRAM: NISIRUND-QAISI04
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C05.021.056A	2-03-18.2-37	09/25/90	CLR	-	N	
C05.021.057	2-03-18.2-40	09/23/90	CLR	-	N	
C05.021.057A	2-03-18.2-40	09/24/90	CLR	-	N	
C05.021.060	2-03-21-WG91-A	09/23/90	CLR	-	N	
C05.021.060A	2-03-21-WG91-A	09/20/90	CLR	-	N	
C05.021.061	2-03-21-WG91-E	09/23/90	CLR	-	N	
C05.021.061A	2-03-21-WG91-E	09/20/90	CLR	-	N	
C05.021.063	2-03-FWD84-C	09/23/90	CLR	-	N	
C05.021.063A	2-03-FWD84-C	09/20/90	CLR	-	N	
C05.021.064	2-03-FWD82-B	09/23/90	CLR	-	N	
C05.021.064A	2-03-FWD82-B	09/20/90	CLR	-	N	
C05.021.119	2-01A-5.4-27	09/23/90	CLR	-	N	
C05.021.119A	2-01A-5.4-27	09/20/90	CLR	-	N	
C05.021.129	2-01A-4.3-03	10/09/90	CLR	-	N	
C05.021.129A	2-01A-4.3-03	10/09/90	CLR	-	N	

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
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C05.021.133	2-01A-5.1-9	10/02/90	CLR	-	N	_____
C05.021.133A	2-01A-5.1-9	10/02/90	CLR	-	N	_____
C05.021.201	2-03A-10-62	10/11/90	CLR	-	N	_____
C05.021.201A	2-03A-10-62	09/30/90	CLR	-	N	_____
C05.021.203	2-03A-67-7	10/11/90	CLR	-	N	_____
C05.021.203A	2-03A-67-7	09/30/90	CLR	-	N	_____
C05.021.207	2-01A-16-01	10/07/90	CLR	-	N	_____
C05.021.207A	2-01A-16-01	10/07/90	CLR	-	N	_____
C05.022.004	2-01A-5.4-27L	09/23/90	CLR	-	N	_____
C05.022.004A	2-01A-5.4-27L	09/20/90	CLR	-	N	_____
C05.031.206	2-01A-16-207	10/10/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER C07

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C07.011.005	2LPCA	05/19/89	CLR	-	N	DATA REC'D AFTER OUT. 10 RPT
C07.020.001	2-OFD-102A-2.1	07/09/90	CLR	-	N	_____
C07.020.004	2-OFD-103A-2.1	07/09/90	CLR	-	N	_____
C07.020.006	2-OFD-101A-2.4	10/24/90	CLR	-	N	_____
C07.020.007	2-OFD-101A-2.3	10/24/90	CLR	-	N	_____
C07.021.005	2-OFD-101A-2.3	09/23/90	CLR	-	N	_____
C07.021.008	2-OFD-102A-2.1	09/27/90	REC	-	N	_____
C07.021.009	2-OFD-102A-2.2	08/09/89	REC	-	N	_____
C07.021.013	2-OFD-104A-1.2	09/23/90	CLR	-	N	_____
C07.030.004	2-HPI-PUMP-2C	10/24/90	CLR	-	N	_____
C07.031.003	2-LPI-PUMP-2C	08/09/89	REC	-	N	_____

PROGRAM: NISIRUND-QAISIO4
FILE: C007133
PLANT: OCONEE UNIT 2
KEY: ITEM NUMBER D01

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
D01.011.002	2-ØFD-101A-2.1	10/23/90	CLR	-	N	_____
D01.011.003	2-ØFD-101A-2.2	10/23/90	CLR	-	N	_____
D01.011.007	2-ØFD-106A-2.2	05/26/88	CLR	-	N	DATA REC'D AFTER ØUT. 10 RPT
D01.011.008	2-ØFD-109A-1.1	10/23/90	CLR	-	N	_____
D01.011.009	2-ØFD-110A-2.1	10/23/90	CLR	-	N	_____
D01.011.017	2-ØFD-102A-2.1	05/26/88	CLR	-	N	TEST COVERED BY D01.011.007
D01.011.018	2-ØFD-102A-2.2	04/06/88	CLR	-	N	TEST COVERED BY D01.011.002

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER D02

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
D02.011.001A	2-ØFD-110A-2.3	01/25/88	CLR	-	N	DATA REC'D AFTER ØUT. 9,10 RPT
D02.011.007	2-ØFD-121D-2.1	10/11/90	CLR	-	N	_____
D02.011.008	2-ØFD-121D-1.2	10/16/90	CLR	-	N	_____
D02.011.015	2-ØFD-133A-2.2	10/16/90	CLR	-	N	_____
D02.011.016	2-ØFD-133A-2.1	10/16/90	CLR	-	N	_____
D02.011.017	2-ØFD-133A-2.3	10/16/90	REC	-	N	_____
D02.011.018	2-ØFD-133A-2.5	10/16/90	CLR	-	N	_____
D02.020.003	2-01A-R25	08/28/90	CLR	-	N	_____
D02.020.006	2-01A-R27	08/28/90	CLR	-	N	_____
D02.020.007	2-01A-H4	08/22/90	CLR	-	N	_____
D02.020.010	2-03-H51	10/03/90	CLR	-	N	_____
D02.020.011	2-03-R8	10/04/90	CLR	-	N	_____
D02.020.016	2-03-H7A	09/22/90	CLR	-	N	_____
D02.020.028	2-03A-SR2	09/14/90	CLR	-	N	_____
D02.020.038	2-03A-H8	10/02/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER D02

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D02.020.046	2-03A-H15A	10/04/90	CLR	-	N	_____
D02.020.047	2-03A-H15	10/04/90	CLR	-	N	_____
D02.020.078	2-03A-SR29	08/22/90	CLR	-	N	_____
D02.020.123	2-03A-SR17	09/06/90	CLR	-	N	_____
D02.020.129	2-03A-SR18	09/15/90	CLR	-	N	_____
D02.020.130	2-03A-SR22	09/06/90	CLR	-	N	_____
D02.020.133	2-03A-SR15	09/28/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
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F1.01.066	2-51A-H6A	09/27/90	REC	-	N	
F1.01.067	2-51A-H5A	09/22/90	CLR	-	N	
F1.01.068	2-51A-H4A	09/22/90	REC	-	N	
F1.01.069	2-51A-H3A	09/22/90	REC	-	N	
F1.01.075	2-51A-H10B	09/20/90	CLR	-	N	
F1.01.088	2-51A-H16B	09/20/90	REC	-	N	
F1.01.089	2-51A-H15B	09/22/90	CLR	-	N	
F1.01.090	2-51A-H14B	09/22/90	CLR	-	N	
F1.01.091	2-51A-H13B	09/22/90	REC	-	N	
F1.01.092	2-51A-H6387	09/20/90	CLR	-	N	
F1.01.097	2-51A-H3C	10/05/90	REC	-	N	
F1.02.004	2-01A-H4	09/16/90	CLR	-	N	
F1.02.012	2-01A-H12	09/05/90	REC	-	N	
F1.02.013	2-01A-H13	09/05/90	REC	-	N	
F1.02.031	2-01A-R7	09/05/90	CLR	-	N	

PROGRAM: NISIRUND-QAISI04
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 PLANT: OCONEE UNIT 2
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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEQ. REF. =====	COMMENTS =====
F1.02.033	2-01A-R9-1	10/04/90	REC	-	N	_____
F1.02.035	2-01A-R11	09/15/90	REC	-	N	_____
F1.02.063	2-01A-H2B	09/22/90	CLR	-	N	_____
F1.02.064	2-01A-H1B	09/22/90	REC	-	N	_____
F1.02.065	2-01A-H10B	09/22/90	REC	-	N	_____
F1.02.067	2-01A-H8B	10/06/90	CLR	-	N	_____
F1.02.075	2-01A-H10A	09/20/90	CLR	-	N	_____
F1.02.102	2-03-H5B	09/22/90	CLR	-	N	_____
F1.02.104	2-03-H3B	09/22/90	CLR	-	N	_____
F1.02.156	2-03A-H6272	09/22/90	CLR	-	N	_____
F1.02.157	2-03A-H6273	09/27/90	REC	-	N	_____
F1.02.158	2-03A-H6274	09/27/90	REC	-	N	_____
F1.02.159	2-03A-H6275	09/27/90	REC	-	N	_____
F1.02.160	2-03A-2901	09/14/90	CLR	-	N	_____
F1.02.161	2-03A-0901	09/14/90	CLR	-	N	_____

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 PLANT: OCONEE UNIT 2
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F1.02.162	2-03A-0900	08/07/90	CLR	-	N	
F1.02.163	2-03-H6103	09/22/90	REC	-	N	
F1.02.209	2-51A-1411	09/15/90	CLR	-	N	
F1.02.210	2-51A-SR58	08/29/90	REC	-	N	
F1.02.236	2-53B-R68	09/21/90	CLR	-	N	
F1.02.238	2-53B-DE015	09/21/90	CLR	-	N	
F1.02.247	2-53B-H3	09/14/90	CLR	-	N	
F1.02.248	2-53B-H1	09/14/90	CLR	-	N	
F1.02.249	2-53B-H8	09/21/90	CLR	-	N	
F1.02.250	2-53B-DE021	09/21/90	CLR	-	N	
F1.02.268	2-53B-DE055	08/07/90	REC	-	N	
F1.02.272	2-53B-H31	08/07/90	CLR	-	N	
F1.02.273	2-53B-H5	08/07/90	CLR	-	N	
F1.02.274	2-53B-R9	08/29/90	REC	-	N	
F1.02.276	2-53B-H7	09/15/90	REC	-	N	

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F1.02.277	2-53B-R69	08/07/90	CLR	-	N	_____
F1.02.299	2-53B-DE066	08/07/90	REC	-	N	_____
F1.02.302	2-53B-SR1000	09/21/90	CLR	-	N	_____
F1.02.303	2-53B-H5	08/29/90	REC	-	N	_____
F1.02.304	2-53B-DE062	08/29/90	CLR	-	N	_____
F1.02.305	2-53B-H4	09/15/90	REC	-	N	_____
F1.02.306	2-53B-DE061	08/29/90	CLR	-	N	_____
F1.02.327	2-53B-DE068	09/14/90	CLR	-	N	_____
F1.02.361	2-54B-H0004	09/20/90	REC	-	N	_____
F1.02.427	2-54A-R10	08/07/90	REC	-	N	_____
F1.02.430	2-54A-R45	08/29/90	CLR	-	N	_____
F1.02.431	2-54A-1001	09/15/90	CLR	-	N	_____
F1.02.432	2-54A-H25	09/15/90	REC	-	N	_____
F1.02.433	2-54A-H2	10/03/90	CLR	-	N	_____
F1.02.438	2-54A-R4	10/03/90	CLR	-	N	_____

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F1.02.449	2-54A-H5	09/14/90	REC	-	N	
F1.02.451	2-54A-H6	09/14/90	CLR	-	N	
F1.02.502	2-55-H18	09/14/90	REC	-	N	
F1.02.503	2-55-H36	09/14/90	CLR	-	N	
F1.02.504	2-55-DE003	09/14/90	REC	-	N	
F1.02.505	2-55-H19	09/14/90	CLR	-	N	
F1.02.525	2-56-H16	09/20/90	REC	-	N	
F1.02.526	2-56-H15	10/03/90	CLR	-	N	
F1.02.528	2-56-H14	10/03/90	CLR	-	N	
F1.02.529	2-56-H13	10/04/90	REC	-	N	
F1.03.010	2-01A-R19	08/29/90	REC	-	N	
F1.03.011	2-01A-DE022	08/06/90	REC	-	N	
F1.03.012	2-01A-DE026	08/06/90	CLR	-	N	
F1.03.013	2-01A-DE027A	09/15/90	REC	-	N	
F1.03.022	2-01A-H11	08/06/90	CLR	-	N	

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER FL

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
F1.03.026	2-01A-R25	08/28/90	CLR	-	N	_____
F1.03.029	2-01A-H4	08/22/90	CLR	-	N	_____
F1.03.030	2-01A-R7	09/15/90	CLR	-	N	_____
F1.03.031	2-01A-R27	08/28/90	CLR	-	N	_____
F1.03.032	2-01A-2301	08/28/90	CLR	-	N	_____
F1.03.053	2-03-H51	10/03/90	REC	-	N	_____
F1.03.054	2-03-R8	10/08/90	REC	-	N	_____
F1.03.144	2-03A-DE006	08/28/90	CLR	-	N	_____
F1.03.145	2-03A-SR15	08/29/90	CLR	-	N	_____
F1.03.152	2-03A-SR4	08/22/90	CLR	-	N	_____
F1.03.160	2-03A-SR8	08/22/90	CLR	-	N	_____
F1.03.167	2-03A-SR11	08/29/90	CLR	-	N	_____
F1.03.173	2-03A-1213	09/15/90	CLR	-	N	_____
F1.03.174	2-03A-DE033	08/28/90	CLR	-	N	_____
F1.03.175	2-03A-1601	10/02/90	REC	-	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEØ. REF.	COMMENTS
F1.03.192	2-03A-H8	10/02/90	CLR	-	N	
F1.03.194	2-03A-SR50	08/28/90	CLR	-	N	
F1.03.195	2-03A-1214	09/15/90	REC	-	N	
F1.03.196	2-03A-H19	08/07/90	REC	-	N	
F1.03.197	2-03A-H17(A)	09/26/90	REC	-	N	
F1.03.216	2-03A-H15A	10/04/90	CLR	-	N	
F1.03.217	2-03A-H15	10/04/90	CLR	-	N	
F1.03.240	2-03A-H30	09/15/90	CLR	-	N	
F1.03.252	2-03A-SR2	09/14/90	CLR	-	N	
F1.03.266	2-03A-SR29	08/22/90	CLR	-	N	
F1.03.269	2-03A-H118	08/29/90	REC	-	N	
F1.03.272	2-03A-H39	08/22/90	CLR	-	N	
F1.03.362	2-07A-H6	08/30/90	REC	-	N	
F1.03.364	2-07A-DE041	08/30/90	CLR	-	N	
F1.03.365	2-07A-1101	08/15/90	CLR	-	N	

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

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ITEM NUMBER =====	ID NUMBER =====	INSPECTION DATE =====	INSPECTION STATUS =====	INSPECTION LIMITED =====	GEØ. REF. =====	COMMENTS =====
F1.03.366	2-07A-SR19	09/15/90	REC	-	N	_____
F1.03.375	2-07A-DE003	08/15/90	REC	-	N	_____
F1.03.405	2-07A-SR6A	08/15/90	CLR	-	N	_____
F1.03.406	2-07A-DE048	08/15/90	CLR	-	N	_____
F1.03.408	2-07A-SR6	08/28/90	CLR	-	N	_____
F1.03.420	2-07A-SR5	10/18/90	REC	-	N	_____
F1.03.424	2-07A-SR8	08/28/90	CLR	-	N	_____
F1.03.426	2-07A-DE007	09/06/90	CLR	-	N	_____
F1.03.429	2-07A-DE005	08/06/90	CLR	-	N	_____
F1.03.430	2-07A-SR11	09/15/90	CLR	-	N	_____
F1.03.494	2-14-H6091	09/27/90	CLR	-	N	_____
F1.03.495	2-14-H6092	09/20/90	CLR	-	N	_____
F1.03.496	2-14-H6093	10/11/90	CLR	-	N	_____
F1.03.505	2-03-H6087	09/27/90	REC	-	N	_____
F1.03.506	2-03A-H6277	10/02/90	CLR	-	N	_____

PROGRAM: NISIRUND-QAISI04
 FILE: C007133
 PLANT: OCONEE UNIT 2
 KEY: ITEM NUMBER F1.

DUKE POWER COMPANY
 QUALITY ASSURANCE DEPARTMENT
 PRE-SERVICE AND IN-SERVICE INSPECTION SYSTEM
 OCONEE 2 INSERVICE INSPECTION RESULTS OUTAGE 11

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ITEM NUMBER	ID NUMBER	INSPECTION DATE	INSPECTION STATUS	INSPECTION LIMITED	GEØ. REF.	COMMENTS
F1.03.509	2-03A-SR20	08/06/90	CLR	-	N	
F1.03.511	2-03A-0905	08/31/90	REC	-	N	
F1.03.512	2-03A-09-03	08/06/90	REC	-	N	
F1.03.515	2-03A-11-02	08/06/90	CLR	-	N	
F1.03.520	2-03A-SR57	08/06/90	CLR	-	N	
F1.03.524	2-03A-SR34(A)	09/14/90	CLR	-	N	
F1.03.549	2-03A-DE023	09/15/90	CLR	-	N	
F1.03.552	2-03A-SR17	09/06/90	CLR	-	N	
F1.03.557	2-03A-SR18	09/15/90	REC	-	N	
F1.03.558	2-03A-SR22	09/06/90	CLR	-	N	
F1.03.561	2-03A-SR15	09/28/90	CLR	-	N	
F1.03.562	2-03-H7A	09/22/90	CLR	-	N	

5.0 Class 1 Inspection Results

Examinations were performed during Outage 11 on the Reactor Vessel, Pressurizer, Steam Generators 2A and 2B, Piping Welds of Reactor Coolant, Low Pressure Injection and High Pressure Injection Systems, Pump and Valve Bolting and Supports.

5.1 Reactor Vessel

Fifteen (15) Reactor Vessel Closure Head Nuts Received a magnetic particle examination. No reportable indications were found.

Fifteen (15) Reactor Vessel Closure Studs received an ultrasonic and a magnetic particle examination. No reportable indications were found.

Fifteen (15) Reactor Vessel Closure Washers and Bushings received a visual examination. No reportable conditions were found.

5.2 Pressurizer

Three (3) Pressurizer Sensing & Sampling Nozzle to vessel welds and Inside Radius Sections located between W & X Axis, 47 degrees off W-Axis and 40 degrees off W-Axis received an ultrasonic examination. No reportable indications were found.

Twelve (12) Pressurizer Manway Studs received an ultrasonic examination. No reportable indications were found.

Twelve (12) Pressurizer Manway Nuts, Bushings and Washers received a visual examination. No reportable conditions were found.

5.3 Steam Generators

Steam Generator 2A Upper Head to Tube Sheet Weld received an ultrasonic examination. No reportable indications were found.

Steam Generator 2A Inlet Nozzle to Vessel Weld and Inside Radius Section received an ultrasonic examination. No reportable indications were found.

Steam Generator 2A Upper and Lower Head Inspection Cover Bolting received a visual examination. No reportable conditions were found.

5.4 Pumps

Reactor Coolant Pump 2B1 and 2B2 Main Flange Studs received an ultrasonic examination. No reportable indications were found.

Reactor Coolant Pump 2B1 and 2B2 Nuts, Bushings and Washers received a visual examination. No reportable conditions were found.

5.5 Piping

Dissimilar Metal Butt Welds:

Two (2) Reactor Coolant System Safe-End-to Pipe Welds four inches and greater received ultrasonic and dye penetrant examinations. One (1) Reactor Coolant System Safe-End-to Pipe Weld less than four inches received a dye penetrant examination. No reportable indications were found.

Similar Metal Butt Welds:

Three (3) circumferential welds four inches and greater received ultrasonic and magnetic particle examinations. Two (2) circumferential welds and two (2) longitudinal welds four inches and greater received ultrasonic and dye penetrant examinations. Two (2) circumferential welds less than four inches received a dye penetrant examination. One (1) branch pipe connection weld less than four inches received a magnetic particle examination. No reportable indications were found.

Piping Supports:

Eleven (11) Class 1 Component Supports received a visual examination as required by ASME Section XI, Article IWF-2000. No reportable conditions were found.

5.6 Pumps

Reactor Coolant Pumps 2B1 and 2B2 Main Flange Studs received an ultrasonic examination. No reportable indications were found.

Reactor Coolant Pumps 2B1 and 2B2 Nuts, Bushings and Washers received a visual examination. No reportable conditions were found.

5.7 Valves

High Pressure Injection Valve HP-153 Bolting received a visual examination. No reportable conditions were found.

5.8 Steam Generator Tubing

(See Oconee 2 Refueling Outage 11 Eddy Current Examination Report.)

5.9 System Leakage Test

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

5.10 Class 1 Repairs and Replacements

Repairs and replacements for work performed from July 3, 1989 to October 25, 1990 are itemized in Section 11 of this report.

6.0 Class 2 Inspection Results

Inspections were performed during Outage 11 on Steam Generator 2A Upper Tube Sheet Shell-to-Shell Weld, Outlet Nozzle to Head Weld and Inside Radius Section, located between X-Y Axis, and vessel and piping integrally-weld attachments. Also, examinations were performed on Piping Welds of Low Pressure Injection, Spent Fuel Cooling, Reactor Building Spray, High Pressure Injection, Auxiliary Feedwater, Main Feedwater, and Main Steam Systems and Supports.

6.1 Steam Generators

Steam Generator 2A Upper Tube Sheet to Shell Welds received an ultrasonic examination. No reportable indications were found.

Steam Generator 2A Outlet Nozzle to Head Weld located between X-Y Axis received an ultrasonic and a magnetic particle examination, and the Inside Radius Section received an ultrasonic examination. No reportable indications were found.

Steam Generator 2A Feedwater Header Integrally-Welded Attachment located in Y-X Quadrant and Steam Generator 2B Feedwater Header Integrally-Welded Attachment located in Y-Z Quadrant received a magnetic particle examination. No reportable indications were found.

6.2 Piping

Welds one-half inch and less nominal wall thickness:

Twenty-nine (29) circumferential welds and nine (9) longitudinal welds received a dye penetrant examination. Four (4) circumferential welds received a magnetic particle examination. No reportable indications were found.

Welds greater than one-half:

One (1) circumferential weld received an ultrasonic and a dye penetrant examination. One (1) circumferential weld received an ultrasonic and a magnetic particle examination. Eleven (11) circumferential welds and one (1) longitudinal weld received a radiographic and a magnetic particle examination. One (1) branch connection weld received a magnetic particle examination. No reportable indications were found.

Piping integrally-welded attachments:

Four (4) integrally-welded attachments on Main Steam System and two (2) integrally-welded attachments of Main Feedwater System received a magnetic particle examination. Two (2) integrally-welded attachments on Reactor Building Spray System and one (1) integrally-welded attachment on Spent Fuel Cooling System received a dye penetrant examination. No reportable indications were found.

6.3 Component Supports

Fifty-nine (59) Class 2 Component Supports received a visual examination as required by ASME Section XI, Article IWF-2000. No reportable conditions were found.

6.4 System on Component Functional and Hydrostatic Tests

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

6.5 Class 2 Repairs and Replacements

Repairs and replacements for work performed from July 3, 1989 to October 25, 1990 are itemized in Section 11 of this report.

7.0 Augmented Inspection Results

No augmented inspections were performed during Outage 11.

8.0 Personnel, Equipment, and Material Certifications

All personnel who performed or evaluated results of inservice inspections from July 2, 1989 to October 25, 1990 at Oconee 2 were certified in accordance with the requirements of the 1980 ASME Section XI with Addenda through Winter 1980. The appropriate certification records for each Duke Power Company inspector is on file at Oconee Nuclear Station or in the Corporate Offices in Charlotte, North Carolina. The certification records for the Babcock and Wilcox inspectors are on file at the Babcock and Wilcox offices in Lynchburg, Virginia.

Records of periodic calibration of Babcock and Wilcox inspection equipment are on file at the Babcock and 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

None

10.0 Reference Documents

The following reference documents apply to the inservice inspection performed during Outage 11 at Oconee 2:

None

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 July 3, 1989 through October 25, 1990 is provided and is included in this section of the report. The individual work request documents are on file at the Oconee Nuclear Station.

REPAIRS/REPLACEMENT LOG

ASME SECTION XI - 1980

OCONEE NUCLEAR STATION

Interval covered: From: 07-03-89 To: 10-25-90

NOTE: (1) Unit #2 Refueling outage #11 Start-up
Leak Test *Indeterminate from Work
Request Review

Prepared By: QA Technical Support Date: 10-25-90

Reviewed By: T. J. Coleman Date: 11-1-90

Transmitted to
ISI Supervisor By: T. J. Coleman Date: 11-1-90

TJC/jah

REPAIRS AND REPLACEMENT LOG
UNIT 2, RFD-11
ASME SECTION XI - 1980
OCONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
13698C	2	B	REPLACED BOLTING LPI COOLER "2 B"
57679E	2	B	REPLACED BOLTING LP-61
051068I	2	B	REPLACED BOLTING "2 B" LPI COOLER
57362C	2	A	REPLACED VALVE 2RC-68
57361C	2	A	REPLACED VALVE 2RC-67
57470D	2	A	REPLACED VALVE 2RC-66
21388C	2	B	REPLACED DISC 2LP-96
57096E	2	B	REPLACED B/B BOLTING 2MS-84
51856I	2	B	REPLACED B/B BOLTING 2B5-16 (ISSUED ON OE-2478 51084I)
052970I	2	A	REPLACED BOLTING CROM FLANGE NOZZLE #2
052409I	2	A	REPLACED BOLTING CROM FLANGE NOZZLE #1
052974I	2	A	REPLACED BOLTING CROM FLANGE NOZZLE #66
052971I	2	A	REPLACED BOLTING CROM FLANGE NOZZLE #5
052972I	2	A	REPLACED BOLTING CROM FLANGE NOZZLE #44
052973I	2	A	REPLACED BOLTING CROM FLANGE NOZZLE #47
052419I	2	B	REPLACED BOLTING MAIN FOW NOZZLE 32 "B" OT56
052740I	2	B	REPLACED BOLTING MAIN FOW NOZZLE 8 "A" OT56
28208I	2	A	REPLACED B/B BOLTING 2HP-152
28209I	2	A	REPLACED B/B BOLTING 2HP-153

REPAIRS AND REPLACEMENT LOG
UNIT 2, RFG-11
ASME SECTION XI - 1980
OCONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
57589D	2	B	REPLACED B/B BOLTING MS-76
05874H	2	B	REPLACED B/B BOLTING LP-32
51180J	2	B	REPLACED DISC 2HP-105
51183J	2	B	REPLACED DISC 2HP-105
51196J	2	B	REPLACED B/B BOLTING 2B5-9
51195J	2	B	REPLACED B/B BOLTING 2B5-7
50827K	2	B	REPLACED VALVE 2-CC-20
50990K	2	B	REPLACED B/B BOLTING 2LP-7
51189J	2	B	REPLACED DISC AND B/B BOLTING 2LP-55
50898K	2	A	SLEEVED TUBES 2B OTSG
51825G	2	A	SLEEVED TUBES 2A OTSG
51822G	2	A	PLUGGED TUBES 2A OTSG
51824G	2	A	PLUGGED TUBES 2B OTSG
50819K	2	B	REPLACED VALVE 250418 - EC3488
50820K	2	B	REPLACED VALVE 250419 - EC3489
50821K	2	B	REPLACED VALVE 250420 - EC3490
50822K	2	B	REPLACED VALVE 250421 - EC3491
50827K	2	B	REPLACED VALVE 200-20 - EC3513
54908I	2	B	REPLACED VALVE 2LP54-226 - EC3346
54909I	2	B	REPLACED VALVE 2LP54-225 - EC3345
54105I	2	B	REPLACED VALVE 2LP5W-86 - EC3343
54810I	2	B	REPLACED VALVE 2LP5W-84 - EC3347

REPAIRS AND REPLACEMENT LOG
UNIT 2, RFD-11
ASME SECTION XI - 1990
OCONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
51127J	2	B	ASSOCIATED PIPING FOR LPSW VALVES EC-3129 2LPSW-226, 225, 86, 84 ABOVE
51161I	2	B	REPLACED VALVE 2FDW-141 - EC-2312
53233H	2	B	DISASSEMBLE 2FDW-210. REMOVE TACK WELDS FROM DISC TO DISC NUT AND YOKE TO YOKE NUT TO RESOLVE PIR 2-083-0234.
15613C	2	B	REPAIR SEAT LEAK ON 2MS-33
57250D	2	B	PLACED WELD BEADS ON FLANGES ON INLET AND OUTLET OF GASEOUS WASTE MONITORING SYSTEM TO PREVENT NUT ROTATION.
21386C	2	B	REPLACED STEM/HANDWHEEL ON 2LP-96. (EXEMPT)
50759I	2	B	REPAIRED LEAK ON "A" OTSG UPPER SECONDARY MANWAY. (VT-2) REPLACED BOLTING.
52401I	2	A	REMOVE 2A LETDOWN COOLER AND INSTALLED SPARE LETDOWN COOLER.
50760I	2	B	REPAIRED LEAK ON MAIN FEEDWATER NOZZLE #6 "A" OTSG, RT'D FLANGES.
57369D	2	B	PERFORM INSPECTION OF MAIN STEAM LINE "B" TO SSRH'S A1 AND A2 VALVE 2MS-76.
52747I	2	B	MT OF RISER TO HEADER FLANGE #8 ON "A" OTSG.
50372H	2	B	MT OF SHELL GASKET SURFACE AND P.W. RISER NOZZLE END FLANGE SEATING SURFACE ON RISER #18 ON "A" OTSG.
50376H	2	B	MT'D P.W. HEADER FLANGE SEATING SURFACE AFTER MACHINING ON #18 ON "B" OTSG.

REPAIRS AND REPLACEMENT LOG
UNIT 2, RFO-11
ASME SECTION XI - 1980
OCOONEE NUCLEAR STATION

WDR# REQUEST #	UNIT	ASME	DESCRIPTION
327461	2	B	HT'D HEADER FLANGE #7 ON "A" OTSG.
524181	2	B	HT'D SHELL GASKET SURFACE AND HEADER FLANGE 2831 ON "B" OTSG.
524191	2	B	PT'D RISER TO HEADER FLANGE AND HT'D HEADER FLANGE 2832 ON "B" OTSG.
524141	2	B	MADE WELD REPAIR ON 2B1 NIP NOZZLE ON "B" OTSG.
98962C	2		MODIFIED HANGER 2-50-0-1066A-RCPM-2A1-553
98962C	2		MODIFIED HANGER 2-50-0-1066A-RCPM-2A1-552
98962C	2		REMOVED/REPLACED HANGER 2-14E-0-1480A-H35A
98962C	2		MODIFIED HANGER 2-55-0-1479-ALW-H2001
57981C	2		INSTALLED NEW SNUBBER ON HANGER 2-51-1478A-H6161
57981C	2		INSTALLED NEW SNUBBER ON HANGER 2-51-1478A-H6162
98891C	2		INSTALLED NEW HANGER 2-67-440C-H5471
98891C	2		INSTALLED NEW HANGER 2-67-440C-5469
98891C	2		INSTALLED NEW HANGER 2-67-440C-5469
98891C	2		INSTALLED NEW HANGER 2-67-440C-5470
531201	2		NOTE: U-BOLT HANGER HAS NOT BEEN ASSIGNED NUMBER BY DESIGN. REPLACED BROKEN U-BOLT ON HANGER ADJACENT TO VALVE 20WD-16.

REPAIRS AND REPLACEMENT LOG
UNIT 2, RFD-11
ASME SECTION XI - 1980
OCOONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
50892K	2		MODIFIED HANGER 2-53B-5-0-435B-R9
51028K	2		MODIFIED HANGER 2-03A-1-0-14398-H17
98664C	2		INSTALLED HANGER 2-13-1407A-H4099
98664C	2		INSTALLED HANGER 2-13-1407A-H4100
98664C	2		INSTALLED HANGER 2-13-1407A-H4101
98664C	2		INSTALLED HANGER 2-13-1407A-H4102
98664C	2		INSTALLED HANGER 2-13-1407A-H4103
98664C	2		INSTALLED HANGER 2-13-1407A-H4104
98664C	2		INSTALLED HANGER 2-13-1407A-H4105
98663C	2		MODIFIED HANGER 2-63-1439A-H5446
98663C	2		REMOVED/REPLACED HANGER 2-64-1439A-H5444
98665C	2		REMOVED/REPLACED HANGER 2-63-1439-H5443
98309C	2		MODIFIED HANGER 2-07A-1400A-5R19
98610C	2		MODIFIED HANGER 2-51A-0-1479A-H138
98962C	2		MODIFIED HANGER 2-143-0-1480A-H338
98962C	2		MODIFIED HANGER 2-51-0-1066A-RCPK-2A1-551

REPAIRS AND REPLACEMENT LOG
UNIT 2, RFD-11
ASME SECTION XI - 1980
OCOONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
98962C	2		MODIFIED HANGER 2-14B-0-1480A-H33A
98962C	2		MODIFIED HANGER 2-14B-0-1480A-H35B
98962C	2		REMOVED/REPLACED HANGER 2-14B-6-1480A-H34B
98962C	2		MODIFIED HANGER 2-14B-0-1480A-H32A
98962C	2		MODIFIED HANGER 2-14B-0-1480A-H32B
98962C	2		MODIFIED HANGER 2-50-0-1499B-6003
99130B	2		MODIFIED HANGER 2-07A-6-0-1402A-R42
99130B	2		MODIFIED HANGER 2-53B-5-0-1439B-H58A
99130B	2		MODIFIED HANGER 2-51B-436J-DE017
99130B	2		INSTALLED HANGER 2-51B-436J-DE030
99130B	2		INSTALLED HANGER 2-51B-436J-DE054
99130B	2		INSTALLED HANGER 2-51B-436J-DE001
99160C	2		INSTALLED HANGER 2-63-1435A-H5465
95109B	2		INSTALLED HANGER 2-14B-1436C-DE165
95109B	2		MODIFIED HANGER 2-14B-1436C-DE167
96655C	2		MODIFIED HANGER 2-03A-1-0-1439A-R61

REPAIRS AND REPLACEMENT LOG
UNIT 2, RFD-11
ASME SECTION XI - 1980
OCONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
50889K	2		REPLACED DAMAGED MEMBER ON HANGER 2-538-0-1436A-DE055
50891K	2		REPLACED MISSING NUT ON HANGER 2-03A-1401A-JH-0903
50893K	2		ADJUSTED COLD LOAD SETTING ON HANGER 2-538-5-0-435B-H5
98664C	2		REMOVED/REPLACED BY WELDING-HANGER 2-13-0-1407A-RWC-1001
98664C	2		INSTALLED HANGER 2-13-1407A-H4093
98664C	2		INSTALLED HANGER 2-13-1407A-H4094
98664C	2		INSTALLED HANGER 2-13-1407A-H4095
98664C	2		INSTALLED HANGER 2-13-1407A-H4096
98664C	2		INSTALLED HANGER 2-13-1407A-H4097
98664C	2		INSTALLED HANGER 2-13-1407A-H4098
99130B	2		INSTALLED HANGER 2-51B-436J-DE107
99130B	2		MODIFIED HANGER 2-532-5-0-1436A-H19
99130B	2		MODIFIED HANGER 2-54A-435B-DE14
99130L	2		MODIFIED HANGER 2-538-5-0-1436A-R32
99130B	2		INSTALLED HANGER 2-538-1436B-H5402
99130B	2		MODIFIED HANGER 2-2H-0R-7374-01

REPAIRS AND REPLACEMENT LOG
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WORK REQUEST #	UNIT	ASME	DESCRIPTION
991306	2		MODIFIED HANGER 2-01A-0-1441-R1
991308	2		MODIFIED HANGER 2-03A-1-0-437B-SR1
991303	2		MODIFIED HANGER 2-51B-436J-DE004
991308	2		MODIFIED HANGER 2-51B-436J-DE022
991308	2		MODIFIED HANGER 2-51B-0-436J-DE024
991303	2		INSTALLED HANGER 2-51B-436J-H5422
991308	2		INSTALLED HANGER 2-51B-436J-H5425
991303	2		INSTALLED HANGER 2-51B-436J-H5426
991308	2		INSTALLED HANGER 2-51B-436J-H5427
991306	2		REMOVED HANGER 2-51B-436J-CTW-1705
991308	2		REMOVED HANGER 2-53B-5-0-1439B-DE080
991308	2		INSTALLED HANGER 2-53B-5-0-1439B-DE079
991306	2		MODIFIED HANGER 2-51E-436J-GC-2003
991308	2		INSTALLED HANGER 2-51B-436J-DE016
986376	2		REMOVED HANGER 2-56-436C-DE006
986378	2		INSTALLED HANGER 2-56-4-0-448-TLM-130R
986373	2		INSTALLED HANGER 2-56-5-0-437B-H24

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DCCONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
95867B	2		MODIFIED HANGER 2-53B-438C-W55-2102
95867B	2		MODIFIED HANGER 2-56-4-0-437B-H12
500161	2		REINSTALLED REFURBISHED SNUBBER, HANGER 2-51A-0-1479E-H1E
500231	2		REPAIRED SNUBBER, HANGER 2-57-0-1481A-RJP-H0801
95109B	2		REMOVED HANGER 2-14B-0-1444-H16
95109B	2		ADJUSTED HANGER 2-14B-436L-DE163
95109B	2		INSTALLED HANGER 2-14B-1400A-DE144
95109B	2		INSTALLED HANGER 2-14B-436L-DE101
95109B	2		REMOVED HANGER 2-14B-437B-DE029
95109B	2		MODIFIED HANGER 2-14B-1436D-DE003
95109B	2		MODIFIED HANGER 2-14B-1436C-MDH-1101
95109E	2		REPLACED NUT ON CLEVIS HANGER 2-14B-1400A-RL-0103
95109E	2		MODIFIED HANGER 2-14B-1436C-MDH-1102
95109B	2		MODIFIED HANGER 2-14B-1436C-DE166
95109B	2		REMOVED HANGER 2-14B-437B-DE113
95109E	2		REMOVED HANGER 2-51B-436J-DE038

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OCOONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
951308	2		MODIFIED HANGER 2-51A-435C-85M-1901
953376	2		INSTALL HANGER 2-56-438C-DE027
953378	2		MODIFIED HANGER 2-56-438C-DE030
953378	2		REMOVED HANGER 2-56-438C-DE032
953378	2		MODIFIED HANGER 2-53B-438D-W55-2002
953378	2		REALIGNED U-BOLT FOR LOOSE FIT 2-53B-438D-DE075
953378	2		INSTALLED HANGER 2-56-2-0-437B-H29
953378	2		MODIFIED HANGER 2-53B-438D-W55-2003
953378	2		MODIFIED HANGER 2-53B-438D-DE074
953378	2		MODIFIED HANGER 2-53B-438D-DE073
953378	2		MODIFIED HANGER 2-53B-438D-DE076
953378	2		MODIFIED HANGER 2-56-438B-DE041
953378	2		MODIFIED HANGER 2-56-438B-DE002
953378	2		REPLACED HANGER 2-56-0-437B-5R16
953378	2		MODIFIED HANGER 2-56-2-0-436C-5R15
953378	2		MODIFIED HANGER 2-56-2-0-436C-5R15
953378	2		REPLACED HANGER 2-56-0-437B-5R7

REPAIRS AND REPLACEMENT LOG
UNIT 2, RFO-11
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OCONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
958976	2		INSTALLED HANGER 2-56-0-437B-DEQ15
958976	2		MODIFIED HANGER 2-56-438C-DEQ03
959376	2		MODIFIED HANGER 2-53B-438D-W55-2001
959376	2		REPLACED HANGER 2-56-4-0-437B-H9
54240H	2		REPLACE SNUBBER RESERVOIR - HANGER 2-57-0-1481A-H16
57707B	2		REINSTALLED U-BOLT - HANGER 2-50-1481A-H6059
57707B	2		REINSTALLED U-BOLT - HANGER 2-50-1481A-H6052
57361C	2		RECONNECTED CONSTANT SUPPORT - HANGER 2-57-0-1481A-H14
57362C	2		RECONNECTED CONSTANT SUPPORT - HANGER 2-57-0-1481A-H22
95119B	2		REMOVED HANGER 2-03A-1-0-400B-H19
54226H	2		REPAIRED WELDS - HANGER 2-01A-1-1-0-1401B-H33
500251	2		REPAIRED WELDS - HANGER 2-01A-1-1-0-1401B-H9
95119B	2		REMOVED HANGER 2-03A-1-0-104A-5R18
95119B	2		REMOVED HANGER 2-03A-1-0-400E-5R19
95119B	2		MODIFIED PER SKETCH - HANGER 2-03A-1-0-1401A-5R25
95119B	2		MODIFIED PER SKETCH - HANGER 2-03A-1-0-400E-5R17

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UNIT 2, RFD-11
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OCONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
575890	2		REMOVED/REPLACED HANGER 2-01A-3-0-1401B-H23
555811	2		REPLACED MISSING NUT - HANGER 2-01A-1-2-0-1401A-H11
535801	2		REPLACED BROKEN U-BOLT - HANGER 2-01A-1-2-0-1401A-H12
95337B	2		INSTALLED HANGER 2-56-438C-DW040
95337B	2		MODIFIED PER SKETCH - HANGER 2-53B-438C-LCC-2203
95337B	2		INSTALLED HANGER 2-53B-438C-DE077
95337B	2		REPLACED HANGER 2-533-438C-W55-2101
95337B	2		MODIFIED PER SKETCH 2-56-4-0-437B-H7
95337B	2		MODIFIED PER SKETCH 2-56-5-0-437B-H23
95337B	2		MODIFIED PER SKETCH 2-53B-438C-LCC-2101
95337B	2		MODIFIED PER SKETCH 2-53B-438C-LCC-2204
95337B	2		REMOVED HANGER 2-56-438C-DE031
95337B	2		REMOVED HANGER 2-56-0-437B-JFW-1001
95337B	2		MODIFIED PER SKETCH 2-56-5-0-437B-H27
95337B	2		REMOVED HANGER 2-56-438C-DE006
95337B	2		MODIFIED PER SKETCH 2-56-4-0-437B-H13
95337B	2		MODIFIED PER SKETCH 2-53B-438C-DE078

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UNIT 2, RFO-11
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DODGE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
95337B	2		MODIFIED PER SKETCH 2-56-438C-DE023
95337B	2		MODIFIED PER SKETCH 2-56-438C-DE026
95337B	2		MODIFIED PER SKETCH 2-56-4-437B-H6
95337B	2		MODIFIED PER SKETCH 2-56-438B-DE029
95337B	2		REMOVED HANGER 2-56-438C-DE039
95337B	2		REPLACED HANGER 2-56-4-0-437B-H8
95337B	2		MODIFIED PER SKETCH 2-56-438C-DE026
54228H	2		ADJUSTED U-BOLT - HANGER 2-51A-0-1479A-H7A
57742B	2		REMOVED/REINSTALLED SNUBBER - HANGER 2-54B-0-1477-H9A
57742B	2		REMOVED/REINSTALLED SNUBBER - HANGER 2-50-0-1479A-H2A
57742B	2		REMOVED/REINSTALLED SNUBBER - HANGER 2-57-0-1481A-H2B
57742B	2		REMOVED/REINSTALLED SNUBBER - HANGER 2-50-0-1481A-H3
57742B	2		REMOVED/REINSTALLED SNUBBER - HANGER 2-01A-0-1441-R9-2
57742B	2		REMOVED/REINSTALLED SNUBBER - HANGER 2-54A-3-0-435L-R2B
57742B	2		REMOVED/REINSTALLED SNUBBER - HANGER 2-01A-4-1-0-14030-R6
57742B	2		REMOVED/REINSTALLED SNUBBER - HANGER 2-01A-0-1401B-R1B
57742B	2		REMOVED/REINSTALLED SNUBBER - HANGER 2-50-0-1066A-R3FH-2A2-552

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UNIT 2, RFO-11
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OCONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
577428	2		REMOVED/REINSTALLED SNUBBER - HANGER 2-01A-4-0-14090-R22
519071	2		REMOVED/REPLACED HANGER 2-55-0-1478A-H23C
518110	2		REMOVED/REPLACED HANGER 2-588-435B-EMO-H46
54239H	2		REPLACED SNUBBER RESERVOIR - HANGER 2-03-0-1480B-H6B
519081	2		REMOVED/REPLACED HANGER 2-55-0-1478A-H26C
159270	2		REMOVED/REPLACED HANGER 2-54A-435B-EMOH-R22
54236H	2		REPLACED SNUBBER RESERVOIR - HANGER 2-01A-0-1481B-H2A
977270	2		REPLACED LOAD-ADJUSTING STUD - HANGER 2-50-0-1481A-H6
32184T	2		REMOVED/REPLACED HANGER 2-588-456E-EMO-H61
54236H	2		REPLACED MISSING NUT - HANGER 2-01A-3-0-1401B-R6
50018I	2		REPAIR ROD EYE BEARING - HANGER 2-57-0-1481A-H7
50017I	2		REPLACED MISSING NUT - HANGER 2-01A-1-2-0-1401B-H13
50018I	2		REPLACED MISSING NUT - HANGER 2-01A-1-1-0-1401B-H10
51571I	2		RECONNECTED SNUBBER - HANGER 2-04A-0-1478A-NP5-H46
51567I	55F		RECONNECTED SNUBBER - HANGER 0-19A-447F-H7124
51568I	55F		RECONNECTED SNUBBER - HANGER 0-19A-447F-H7126

REPAIRS AND REPLACEMENT LOG
UNIT 2, RFD-11
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OCONEE NUCLEAR STATION

WORK REQUEST #	UNIT	ASME	DESCRIPTION
500001	2		TIGHTEN LOOSE NUT - HANGER 2-01A-1-1-0-1401B-H7
515891	2		REPLACED MISSING NUT - HANGER 2-03A-1400B-H40
500011	2		TIGHTEN LOOSE NUTS - HANGER 2-03A-1401A-GC-1212
521761	2		REINSTALLED HANGER 2-53B-435B-EMO-H50
521771	2		REINSTALLED HANGER 2-53B-435B-EMO-H52
54230H	2		ADJUSTED ALIGNMENT HANGER 2-01A-0-1401B-DE093
97039C	2		REPAIRED WELD - HANGER 2-53B-435B-DE012
054229H	2		ADDED TACK WELD - HANGER 2-03A-1-0-1400A-H36
054234H	2		INSTALLED SHIM - HANGER 2-54B-0-1477-H12A
050014I	2		ADJUSTED PIPE CLAMP - HANGER 2-01A-4-0-1403D-H9
54235H	2		INSTALLED SHIM - HANGER 2-54B-0-1477-H10A
500211	2		ADJUSTED PIPE CLAMP - HANGER 2-02-0-1480B-H6B
54237H	2		ADJUSTED PIPE CLAMP - HANGER 2-03A-1480A-H5A
500191	2		ADJUSTED SPRING DAN - HANGER 2-51A-455B-DK3-1410