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August 11, 2010

Docket Nos.: 50-364

NL-10-1514

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant - Unit 2
2R20 Inservice Inspection Report

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) submits the Joseph M. Farley Nuclear Plant-Unit 2, Interval 4, Period 1, Outage 2 Inservice Inspection Summary Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during the spring 2010 maintenance/refueling outage. Paragraph IWA-6240 of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, 2001 Edition with addenda through 2003 requires submittal of the enclosed report.

The supporting inservice inspection documentation, e.g., examination plans and schedules, examination results and reports, examination methods and procedures, evaluation results, and corrective action and repairs, is available for review upon request at Farley Nuclear Plant.

This letter contains no NRC commitments. If you have any questions, please contact Jack Stringfellow at (205)992-7037.

Respectfully submitted,

Paula M. Marino

Ms. Paula M. Marino
Vice-President - Engineering

PMM/PAH/lac

AD47
NRC

Enclosures: Farley Nuclear Plant - Unit 2, Inservice Inspection Report
Refueling Outage (2R20), Volume 1 Owners Report

cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. J. R. Johnson, Vice President – Vogtle
Mr. M. J. Ajluni, Director Nuclear Licensing
RType: CVC7000

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. R. E. Martin, NRR Project Manager – Farley
Mr. E. L. Crowe, Senior Resident Inspector – Farley
Mr. P.G. Boyle, NRR Project Manager

Joseph M. Farley Nuclear Plant - Unit 2
2R20 Inservice Inspection Report

Farley Nuclear Plant - Unit 2
Inservice Inspection Report
Refueling Outage (2R20)
Owners Report

INSERVICE INSPECTION REPORT

REFUELING 20

INTERVAL 4

PERIOD 1

OUTAGE 2

J.M. FARLEY UNIT 2

NUCLEAR PLANT

Hwy 95 South

COLUMBIA, ALABAMA 36319

Southern Nuclear Operating
Company

40 Inverness Center Parkway
Birmingham, Alabama 35242

Volume 1
Owners Report

INSERVICE INSPECTION REPORT

REFUELING 20

INTERVAL 4

PERIOD 1

OUTAGE 2

J.M. FARLEY UNIT 2

NUCLEAR PLANT

Hwy 95 South

COLUMBIA, ALABAMA 36319

Commercial Service Date: July 30, 1981

**Southern Nuclear Operating
Company**

**40 Inverness Center Parkway
Birmingham, Alabama 35242**

FNP 2R20 FINAL REPORT INDEX

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VOLUME 1

CONTAINS THE INFORMATION TO MEET THE REQUIREMENTS OF ASME CODE 2001 EDITION, 2003 ADDENDA, SECTION XI, SUBSECTION IWA-6230 FOR SUBMITTAL OF A SUMMARY REPORT TO THE NRC FOLLOWING EACH REFUELING OUTAGE.

VOLUMES 2 AND 3

CONTAINS THE SUPPORTING DOCUMENTATION FOR THE EXAMINATIONS PERFORMED (RETAINED ON SITE BY FNP)

DOCUMENTATION OF THE FLOW ACCELERATED CORROSION (FAC) INSPECTIONS PERFORMED (RETAINED ON SITE BY FNP)

TAB A

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTION

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner Southern Nuclear Operating Company
40 Inverness Center Parkway
Birmingham, AL. 35242 (as agent for Alabama Power Co.)
(Name and Address of Owner)
2. Plant J. M. Farley Nuclear Plant
Hwy 95 South
Columbia, AL. 36319
(Name and Address of Plant)
3. Plant Unit 2
4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 07/30/81
6. National Board Number for Unit see listed N. B. for each component
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion Engineering	CE 69105	N/A	21385
Pressurizer	Westinghouse Tampa	1561	N/A	W10793
Steam Gen A	Westinghouse Pensacola	ALAD-40307	N/A	73
Steam Gen C	Westinghouse Pensacola	ALAD-40309	N/A	75
Class 1 Piping	Daniel Construction	N/A	N/A	N/A
Class 2 Piping	Daniel Construction	N/A	N/A	N/A

8. Examination Dates 11/20/08 to 05/14/10
9. Inspection Period Identification: First Period 12/01/07 to 11/30/10
10. Inspection Interval Identification: Fourth Interval 12/01/07 to 11/30/17
11. Applicable Edition of Section XI 2001 Addenda 2003
12. Date/Revision of Inspection Plan: 04/02/10; Version 5
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Tabs B and C
14. Abstract of Results of Examinations and Tests. See Tab B
15. Abstract of Corrective Measures. See Tab B

Note: Supplemental sheets in the 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 report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

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

Date 8/10 20 10 Signed Southern Nuclear Operating Co. By [Signature]
(Owner)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 11/20/08 to 5/14/10 and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's 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.

[Signature]
Inspector's Signature

Commissions GA 827 NB*1256A
National Board, State, Province, and Endorsements

Date August 10 2010

**OWNER'S REPORT
FOR
INSERVICE INSPECTION**

DATE: 06/30/10

OWNER NAME AND ADDRESS: Southern Nuclear Operating Co.
40 Inverness Parkway
Birmingham, Alabama 35242
(as agent for Alabama Power Co.)

**NAME AND ADDRESS OF
NUCLEAR GENERATING PLANT:** Joseph M. Farley Nuclear Plant
Highway 95 South
Columbia, Alabama 36319

**NAME ASSIGNED TO NUCLEAR
POWER UNIT:** Joseph M. Farley Nuclear Plant
Unit 2

**OWNER CERTIFICATE OF
AUTHORIZATION:** N/A

COMMERCIAL SERVICE DATE: 07/30/81

NATIONAL BOARD NUMBER: See listed NB's for each component

**NAME OF COMPONENTS OR PARTS OF
COMPONENTS INVOLVED:** Representative samples of the following
components and systems were examined using
nondestructive examination techniques.

CLASS 1

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	APR SKETCH
Reactor Vessel	B11	1-1100, 1-1200, 1-1300
Pressurizer	B31	1-2100
Steam Generator C	B21	1-3300
Reactor Coolant System	B13	1-4100, 1-4101, 1-4200, 1-4204, 1-4205, 1-4300, 1-4307, 1-4500, 1-4501, 1-4502, 1-4503, 1-4504, 1-5200, 1-5300
Residual Heat Removal	E11	1-4301
Safety Injection System	E11	1-4103, 1-4202, 1-4203, 1-4304
Auxiliary Spray	E21	1-4506
Safety Injection System	E21	1-4104, 1-4112, 1-4201, 1-4303, 1-4308, 1-4309

CLASS 2

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	APR SKETCH
Steam Generator A	B21	2-3100
Centrifugal Charging Pump	E21	2-5120
Containment Spray	E13	2-4512, 2-4515, 2-4517, 2-4701, 2-4708, 2-4709
Feedwater	N21	2-4350
Main Steam System	N11	2-4300, 2-4301
RHR System	E11	2-4501, 2-4506, 2-4507, 2-4509A, 2-4510, 2-4511
Safety Injection	E21	2-4523, 2-4525, 2-4526, 2-4527, 2-4613, 2-4614, 2-4627

HYDROSTATIC TESTING: **SEE TAB B**

NAME OF AUTHORIZED NUCLEAR INSERVICE INSPECTOR: James Haubrich

**NAME AND MAILING ADDRESS
OF INSPECTOR'S EMPLOYER:**

Hartford Steam Boiler Inspection and
Insurance Company of Connecticut
One State Street
Hartford, CT 06103

ABSTRACT: **SEE TAB B**

TAB B

BALANCE OF PLANT EXAMINATION SUMMARY

J. M. FARLEY NUCLEAR PLANT UNIT NO 2 INTERVAL 4 PERIOD 1 OUTAGE 2 BALANCE OF PLANT EXAMINATION SUMMARY

INTRODUCTION

The ASME Boiler and Pressure Vessel Code, Section XI, 2001 Edition (Code), 2003 Addenda, is the applicable code for conducting inservice inspection activities during the fourth ten-year inspection interval at Farley Unit 2. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in Code paragraphs IWB-2412 and IWC-2412. This "Owner's Report for Inservice Inspection" is for those first inspection period examinations and tests which were performed between November 20, 2008 (date of last examination performed during the nineteenth maintenance/refueling outage, 2R19 / 4-1-1) and May 17, 2010 (date of last examination performed during the twentieth maintenance/refueling outage, 2R20 / 4-1-2). Farley received approval for FNP-ISI-ALT-01 to start the fourth ISI interval on December 1, 2007.

The examinations were performed in accordance with the approved Outage Plan. The primary areas of examination included Pressurizer and Steam Generator dissimilar metal welds and various Class 1 and Class 2 piping welds and supports. The tables documenting the Class 1 and 2 vessel and piping examinations as well as component supports examined are under Tab C of this report.

Farley Nuclear Plant has implemented ASME Section XI, Appendix VIII, "Performance Demonstration for Ultrasonic Examination Systems," as required by 10CFR 50.55a, amended by the *Federal Register* Notices 64 FR 51370 dated September 22, 1999, as later modified by 69 FR58804, dated October 1, 2004. The 2004 Rule incorporated the 2001 Edition with NRC caveats. Farley has, except where requests for relief, technical alternatives or exemptions have been approved, complied with the requirements for expedited implementation of the applicable Appendix VIII supplements using the EPRI Performance Demonstration Initiative (PDI).

In addition to the summary of inservice inspection activities, this report addresses Code-applicable repairs and replacements documented at FNP-2 since 2R19 through the end of 2R20. Class 1 and Class 2 Owner's Reports for Repairs or Replacements (Form NIS-2) are provided herein.

It should be noted that an arrangement with an Authorized Inspection Agency was provided for those examinations and tests required by the Code. ASME Section XI examinations and tests are itemized in the applicable sections by reference to Examination Category. Examinations which do not meet the Code-required coverage either reference request(s) for relief or indicate that additional relief is required.

This report does not include a summary of the Steam Generator Tube Inspections which are required per FNP Technical Specification 5.6.10. This is normally provided in a separate report one hundred eighty (180) days after the initial entry into MODE 4 following completion of an inspection performed in accordance with Technical Specification 5.5.9. There were no Steam Generator tube inspections performed during the 20th refueling outage.

RESULTS

Certain examinations resulted in recordable indication areas being noted on the basis of procedure recording criteria, which generally are more conservative than specified in the ASME Section XI Acceptance Standards. Indications were evaluated and dispositioned by Indication Evaluation Reports (IER's). A listing of IER's is attached and the data sheets are available at FNP for review. The results are summarized below.

SUMMARY OF INDICATIONS

CLASS 1

(A) VOLUMETRIC EXAMINATIONS

- There were no reportable Class 1 Volumetric indications.
- Three (3) class 1 welds had limited volumetric coverage during UT examinations because of physical limitations due to the geometric configuration of the welded areas. More than ninety percent (90%) of the required volume must be examined as addressed in ASME Section XI Code Case N-460 for adequate ASME Section XI Code-required examination coverage to be attained. As noted herein, the subject code case has been approved by the NRC for use as documented in NRC Regulatory Guide 1.147. It is impractical to achieve the ASME Section XI Code-required coverage due to the geometric configuration of the welded areas. These limited examinations will be submitted to the NRC through the relief request process as allowed by 10 CFR 50.55a.

(B) SURFACE EXAMINATIONS

- There were no reportable Class 1 Surface indications.

(C) VISUAL EXAMINATIONS

- There were thirty eight (38) bolted connections from the Class 1 pressure tests with various degrees of boron accumulation. In each case the boron was removed and either an evaluation or a re-examination found each one acceptable.

CLASS 2

(A) VOLUMETRIC EXAMINATIONS

- There were no reportable Class 2 Volumetric indications.
- Three (3) class 2 welds had limited volumetric coverage during UT examinations because of physical limitations due to the geometric configuration of the welded areas. As with the Class 1 limitations, these limited examinations will be submitted to the NRC through the relief request process as allowed by 10 CFR 50.55a.

(B) SURFACE EXAMINATIONS

- There were no reportable Class 2 Surface indications.

(C) VISUAL EXAMINATIONS

- There were no reportable Class 2 Visual indications.

ADDITIONAL EXAMINATIONS

The following is a summary of additional examinations which were performed during this outage in accordance with the 2001 Edition, 2003 Addenda of ASME Section XI:

- **Class 1 System Leakage Testing**

In accordance with IWB-5210(a), a system leakage test of the Class 1 Reactor Coolant System Pressure Boundary was performed prior to startup following the 20th refueling outage. In addition, to meet the requirements of IWB-5222(b), the boundary of this system leakage test was extended to include all Class 1 pressure retaining components. This testing was completed on 05/14/2010. There were fourteen (14) recorded indication of leakage. In each case, the boron was removed and necessary corrective actions were taken. The results of this testing is documented in FNP-2-STP-157 as Indication Evaluation Report 001 (IER 001).

To meet the requirements of IWA-5242(a), insulation was removed from all insulated Class 1 pressure retaining bolted connections for VT-2 visual examination after the system was depressurized. There was a total of total of twenty-four (24) pressure retaining bolted connections which had some degree of boron accumulation. In each case, the boron was removed and any necessary correction actions were taken. The results of this testing is also documented in FNP-2-STP-157 as Indication Evaluation Report 001 (IER 001).

A leakage test was performed for the Pressurizer Auxiliary Spray line. This 3rd Interval 10-year leakage test was originally scheduled for 2R19 and was deferred until 2R20.

- **Class 2 System Leakage Testing**

In accordance with IWC-5210(a), system leakage testing was performed during the 20th refueling outage on portions of the following systems: Residual Heat Removal, Chemical and Volume Control, Safety Injection, Main Steam, Main Feedwater, Auxiliary Feedwater, and Containment Spray. There were forty (40) recorded indication associated with these tests. In each case, necessary corrective action was performed. The results of this testing is documented in FNP-2-STP-156.2.

- **IWE/IWL Examinations**

A portion of the Containment moisture barrier was replaced during the 20th refueling outage based on age related degradation described in IWE-3510.4. While the moisture barrier was removed, a visual examination was performed on the normally inaccessible portions of the containment liner plate and no indication of degradation was noted. This inspection is documented work order 2053128401.

STATUS OF EXAMINATIONS REQUIRED FOR CURRENT INTERVAL

This 2R20 Outage was the 2nd Outage, 1st Period of the 4th Interval. The results from this outage, combined with the "scheduled" examinations from the previous refueling outage (2R19, Fall 2008) will represent 100% of the total Class 1 and 2 scope for the current period and interval. Farley Unit 2 is within ASME Code compliance, pending NRC approval of the volumetric and/or surface examination limitations. Requests for relief will be submitted within the required time frame specified by 10 CFR 50.55a. See Table 1 for completion percentages.

- **Applicable Code Cases**

The applicable Code Cases for the 2R20 Outage included:

N-460	N-663	N-696	N-729-1
N-648-1	N-695	N-722	N-700

**Table 1
Farley Unit 2
2R20 Outage
Completion Percentages**

Cat.	Item No.	Code Case / ALT	Population	Percent of Population Required To Be Examined	Total Exams Required During 4 th Interval	2R20	
						No. of Exams Completed	% of Total Exams Completed
B-A	B1.11	ALT-09	3	0%	0	0	0%
B-A	B1.12	ALT-09	4	0%	0	0	0%
B-A	B1.21	ALT-09	1	0%	0	0	0%
B-A	B1.30	ALT-09	1	0%	0	0	0%
Total:			9		0	0	0%
B-B	B2.11		2	100%	2	1	50%
B-B	B2.12		2	100%	2	1	50%
B-B	B2.40		3	33.33%	1	0	0%
Total:			7		5	2	40%
B-D	B3.100	N-648-1	6	100%	6	6	100%
B-D	B3.110		6	100%	6	2	34%
B-D	B3.120		6	100%	6	2	34%
B-D	B3.140		6	100%	6	2	34%
B-D	B3.90	ALT-09	6	0%	0	0	0%
Total:			30		24	12	50%
B-F	B5.10	N-663	6	100%	6	6	100%
B-F	B5.40		0	0%	0	0	0%
B-F	B5.70	N-663	6	100%	6	2	34%
Total:			17		12	8	67%
B-G-1	B6.10		1	100%	1	1	100%
B-G-1	B6.180		3	33.33%	1	1	100%
B-G-1	B6.190		3	0%	0	0	0%
B-G-1	B6.20		1	100%	1	1	100%
B-G-1	B6.40		1	100%	1	1	100%
B-G-1	B6.50		1	100%	1	1	100%
Total:			10		5	5	100%

**Table 1
Farley Unit 2
2R20 Outage
Completion Percentages**

Cat.	Item No.	Code Case / ALT	Population	Percent of Population Required To Be Examined	Total Exams Required During 4 th Interval	2R20	
						No. of Exams Completed	% of Total Exams Completed
B-G-2	B7.20		1	0%	0	0	0%
B-G-2	B7.30		6	0%	0	0	0%
B-G-2	B7.50		6	100%	6	0	100%
B-G-2	B7.60		3	0%	0	2	0%
B-G-2	B7.70		24	0%	0	0	0%
Total:			40		6	2	34%
B-J	B9.11	N-663	380	25%	95	34	36%
B-J	B9.21		56	25%	14	0	0%
B-J	B9.31		15	25%	4	0	0%
B-J	B9.32		19	25%	5	0	0%
B-J	B9.40		216	25%	54	0	0%
Total:			686		172	34	20%
B-K	B10.10		1	100%	1	1	100%
B-K	B10.10(R)	N-700	3	33.33%	1	0	0%
B-K	B10.20		12	12%	2	1	50%
Total:			16		4	2	50%
B-L-2	B12.20		3	0%	0	0	0%
Total:			3		0	0	0%
B-M-2	B12.50(1)		4	25%	1	0	0%
B-M-2	B12.50(2)		6	0%	0	0	0%
B-M-2	B12.50(3)		5	0%	0	0	0%
B-M-2	B12.50(4)		3	0%	0	0	0%
B-M-2	B12.50(5)		6	0%	0	0	0%
Total:			24		1	0	0%

**Table 1
Farley Unit 2
2R20 Outage
Completion Percentages**

Cat.	Item No.	Code Case / ALT	Population	Percent of Population Required To Be Examined	Total Exams Required During 4 th Interval	2R20	
						No. of Exams Completed	% of Total Exams Completed
B-N-1	B13.10		1	100%	1	1	100%
Total:			1		1	1	100%
B-N-2	B13.60		4	100%	4	4	100%
Total:			4		4	4	100%
B-N-3	B13.70		1	100%	1	1	100%
Total:			1		1	1	100%
B-O	B14.10(2)		38	13.15%	5	5	100%
Total:			38		5	5	100%
C-A	C1.20		3	33.33%	1	1	100%
C-A	C1.30		3	33.33%	1	0	0%
Total:			6		2	1	50%
C-B	C2.21		3	33.33%	1	1	100%
C-B	C2.22		3	33.33%	1	1	100%
Total:			6		2	2	100%
C-C	C3.10		6	16.666%	1	1	100%
C-C	C3.20		137	10.1%	14	5	36%
C-C	C3.30		23	10%	3	0	0%
Total:			166		18	6	34%
C-F-1	C5.11	N-663	865	7.5%	65	19	30%
C-F-1	C5.21		367	7.5%	28	0	0%
C-F-1	C5.30		196	7.5%	15	0	0%
C-F-1	C5.41		20	7.5%	2	0	0%
Total:			1448		110	19	18%

**Table 1
Farley Unit 2
2R20 Outage
Completion Percentages**

Cat.	Item No.	Code Case / ALT	Population	Percent of Population Required To Be Examined	Total Exams Required During 4 th Interval	2R20	
						No. of Exams Completed	% of Total Exams Completed
C-F-2	C5.51	N-663	203	12%	25	10	40%
C-F-2	C5.60		12	7.5%	1	0	0%
C-F-2	C5.81		24	7.5%	2	0	0%
Total:			239		28	10	36%
D-A	D1.10		9	44.444%	4	2	50%
D-A	D1.20		185	10.8%	20	7	35%
Total:			194		24	9	38%
F-A	F1.10B(2)		55	25%	14	5	36%
F-A	F1.10C(2)		25	25%	7	1	15%
F-A	F1.10D(2)		62	25%	16	8	50%
F-A	F1.10E(2)		23	25%	6	1	17%
F-A	F1.10F(2)		1	25%	1	0	0%
F-A	F1.10I(2)		3	25%	1	1	100%
F-A	F1.10S(2)		47	25%	12	5	42%
F-A	F1.20A(2)		49	15%	8	1	13%
F-A	F1.20B(2)		105	15%	16	7	44%
F-A	F1.20C(2)		19	15%	3	0	0%
F-A	F1.20D(2)		171	15%	26	6	24%
F-A	F1.20E(2)		69	15%	11	1	10%
F-A	F1.20F(2)		15	15%	3	1	34%
F-A	F1.20G(2)		8	15%	2	1	50%
F-A	F1.20J(2)		8	15%	2	1	50%
F-A	F1.20S(2)		27	15%	5	2	40%
F-A	F1.30A(2)		59	10%	6	2	34%
F-A	F1.30B(2)		121	10%	13	4	31%
F-A	F1.30C(2)		8	10%	1	0	0%
F-A	F1.30D(2)		337	10%	34	15	45%
F-A	F1.30E(2)		133	10%	14	4	29%

**Table 1
Farley Unit 2
2R20 Outage
Completion Percentages**

Cat.	Item No.	Code Case / ALT	Population	Percent of Population Required To Be Examined	Total Exams Required During 4 th Interval	2R20	
						No. of Exams Completed	% of Total Exams Completed
F-A	F1.30F(2)		62	10%	7	5	72%
F-A	F1.30H(2)		13	10%	2	0	0%
F-A	F1.30S(2)		18	15%	3	0	0%
F-A	F1.40(2)		90	50%	45	14	32%
Total:			1528		258	85	33%

TAB C

EXAMINATION PROGRAM PLAN

Farley Unit 2
Class 1 Components

ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s)	Results	Remarks
B-D B3.100	APR1-1100-17IR RPV NOZ-INSIDE RADIUS (OUTLET)	WDI-STD-088	NA	NA	NI	Enhanced Visual Exam
B-D B3.100	APR1-1100-18IR RPV NOZ-INSIDE RADIUS (INLET)	WDI-STD-088	NA	NA	NI	Enhanced Visual Exam
B-D B3.100	APR1-1100-19IR RPV NOZ-INSIDE RADIUS (OUTLET)	WDI-STD-088	NA	NA	NI	Enhanced Visual Exam
B-D B3.100	APR1-1100-20IR RPV NOZ-INSIDE RADIUS (INLET)	WDI-STD-088	NA	NA	NI	Enhanced Visual Exam
B-D B3.100	APR1-1100-21IR RPV NOZ-INSIDE RADIUS (OUTLET)	WDI-STD-088	NA	NA	NI	Enhanced Visual Exam
B-D B3.100	APR1-1100-22IR RPV NOZ-INSIDE RADIUS (INLET)	WDI-STD-088	NA	NA	NI	Enhanced Visual Exam
N-722 B15.80	APR1-1100C-BMI-BMV RPV BOTTOM HEAD INSTRUMENT BMV	NMP-ES-024-208	NA	S10F2V074	Accept	NA
B-G-1 B6.40	APR1-1100-L01 THRU L058 RPV STUD HOLE THREADS/LIGAMENTS	NMP-ES-024-504	ALA-RV-6 ALA-36	S10F2U015	NRI	NA
B-N-2 B13.60	APR1-1100-SUP-CS-1 INTERIOR SUPPORTS	WDI-STD-088	NA	NA	NI	VT-1 Exam
B-N-2 B13.60	APR1-1100-SUP-CS-2 INTERIOR SUPPORTS	WDI-STD-088	NA	NA	NI	VT-1 Exam
B-N-2 B13.60	APR1-1100-SUP-CS-3 INTERIOR SUPPORTS	WDI-STD-088	NA	NA	NI	VT-1 Exam
B-N-2 B13.60	APR1-1100-SUP-CS-4 INTERIOR SUPPORTS	WDI-STD-088	NA	NA	NI	VT-1 Exam
B-N-3 B13.70	APR1-1200-C-SS CORE SUPPORT STRUCTURE	WDI-STD-088	NA	NA	NI	Visual Exam
B-N-1 B13.10	APR1-1200-VS INT VESSEL INTERIOR	WDI-STD-088	NA	NA	NI	Visual Exam
B-O B14.10(2)	APR1-1300-38R RVLIS PEN WELD	NMP-ES-024-301	NA	S10F2P005	NRI	NA
B-O B14.10(2)	APR1-1300-50R-L CRD HOUSING WELDS	NMP-ES-024-301	NA	S10F2P006	NRI	NA
B-O B14.10(2)	APR1-1300-51R-L CRD HOUSING WELDS	NMP-ES-024-301	NA	S10F2P007	NRI	NA
B-O B14.10(2)	APR1-1300-52R-L CRD HOUSING WELDS	NMP-ES-024-301	NA	S10F2P008	NRI	NA

**Farley Unit 2
Class 1 Components**

ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks
B-O B14.10(2)	APR1-1300-53R-L CRD HOUSING WELDS	NMP-ES-024-301	NA	S10F2P009	NRI	NA
N-729 B4.30	APR1-1300-BMV REPLACEMENT RPV CLOSURE HEAD OUTSIDE SURFACE (BARE METAL VISUAL EXAM)	NMP-ES-024-208	NA	S10F2V070	Accept	IER 002 – CR 2010104911. Staining & residue.
B-G-1 B6.10	APR1-1300-N01 THRU N058 RPV NUTS 1-58	NMP-ES-024-201	NA	S10F2V076	Sat	Thread damage on Nut 24.
B-G-1 B6.20	APR1-1300-S01 THRU S058 RPV STUDS 1-58	NMP-ES-024-504	ALA-36	S10F2U059	NRI	NA
B-G-1 B6.50	APR1-1300-W01 THRU W058 RPV WASHERS	NMP-ES-024-201	NA	S10F2V077	Sat	NA
B-J B9.11	APR1-4100-13 ELBOW TO SAFE-END	PDI-ISI-254-SE-NB	VENDOR	SE-335-1	NI	96.88% Code coverage.
B-F B5.10	APR1-4100-14DM RPV SAFE-END TO NOZZLE	PDI-ISI-254-SE-NB	VENDOR	SE-335-1	NI	Exam to satisfy MRP-139 requirements.
B-J B9.11	APR1-4101-8 PIPE TO VALVE	NMP-ES-024-501	ALA-67	S10F2U022	NRI	50% Code coverage – relief request required. Examined per MRP-146.
B-J B9.11	APR1-4103-4 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U017	NRI	NA
B-J B9.11	APR1-4103-5 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U018	NRI	NA
B-J B9.11	APR1-4103-22 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U046	NRI	NA
B-J B9.11	APR1-4103-23 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U047	NRI	NA
B-J B9.11	APR1-4104-15 PIPE TO PIPE	NMP-ES-024-501	ALA-67	S10F2U012	NRI	NA
B-J B9.11	APR1-4104-17 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U010	NRI	NA
B-J B9.11	APR1-4200-13 ELBOW TO SAFE-END	PDI-ISI-254-SE-NB	VENDOR	SE-215-1	NI	96.80% Code coverage.
B-F B5.10	APR1-4200-14DM RPV SAFE-END TO NOZZLE	PDI-ISI-254-SE-NB	VENDOR	SE-215-1	NI	Exam to satisfy MRP-139 requirements.
B-K B10.20	APR1-4201-2SI-R180 (W8) WELDED ATTACHMENT	NMP-ES-024-301	NA	S10F2P004	NRI	NA

**Farley Unit 2
Class 1 Components**

ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s)	Results	Remarks
B-J B9.11	APR1-4202-2 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U034	NRI	NA
B-J B9.11	APR1-4202-3 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U036	NRI	NA
B-J B9.11	APR1-4202-4 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U035	NRI	NA
B-J B9.11	APR1-4203-4 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U038	NRI	NA
B-J B9.11	APR1-4203-5 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U037	NRI	NA
B-J B9.11	APR1-4204-4 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U031	NRI	NA
B-J B9.11	APR1-4204-6 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U030	NRI	NA
B-J B9.11	APR1-4204-8 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U032	NRI	NA
B-J B9.11	APR1-4204-9 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U033	NRI	NA
WOL Q4300	APR1-4205-WOL-1 PZR SPRAY NOZZLE OVERLAY	WDI-STD-1014 WDI-STD-1016	VENDOR	APR-2R20-4205	NRI	95.6% Code coverage.
B-J B9.11	APR1-4300-13 ELBOW TO SAFE-END	PDI-ISI-254-SE-NB	VENDOR	SE-95-1	NI	96.28% Code coverage.
B-F B5.10	APR1-4300-14DM RPV SAFE-END TO NOZZLE	PDI-ISI-254-SE-NB	VENDOR	SE-95-1	NI	Exam to satisfy MRP-139 requirements.
B-J B9.11	APR1-4301-5 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U055	NRI	Examined weld & base material between welds 5 & 6 per MRP-146 guidance.
B-J B9.11	APR1-4301-6 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U056	NRI	Examined weld & base material between welds 6 & 7 per MRP-146 guidance.
B-J B9.11	APR1-4301-7 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U057	NRI	50% Code coverage – relief request required. Examined per MRP-146.
B-J B9.11	APR1-4301-8 PIPE TO VALVE	NMP-ES-024-501	ALA-67	S10F2U058	NRI	50% Code coverage – relief request required. Examined per MRP-146.

**Farley Unit 2
Class 1 Components**

ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks
B-J B9.11	APR1-4303-2 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U042	NRI	NA
B-J B9.11	APR1-4303-8 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U041	NRI	NA
B-J B9.11	APR1-4304-3 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U044	NRI	NA
B-J B9.11	APR1-4304-4 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U049	NRI	NA
B-J B9.11	APR1-4304-7 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U043	NRI	NA
MRP-139 F	APR1-4500-7DM-OL PRZ SURGE NOZZLE SE OVERLAY	NMP-ES-024-509	AX 16-03 CIRC 16-03	S10F2U053	NRI	NA
WOL Q4300	APR1-4501-WOL-1 PZR SPRAY NOZZLE OVERLAY	WDI-STD-1014 WDI-STD-1016	VENDOR	APR-2R20-4501	NRI	98.4% Code coverage.
WOL Q4300	APR1-4502-WOL-1 PZR SPRAY NOZZLE OVERLAY	WDI-STD-1014 WDI-STD-1016	VENDOR	APR-2R20-4502	RI	98.2% Code coverage. Acceptable per IWB-3640.
WOL Q4300	APR1-4503-WOL-1 PZR SPRAY NOZZLE OVERLAY	WDI-STD-1014 WDI-STD-1016	VENDOR	APR-2R20-4503	RI	98% Code coverage. Acceptable per IWB-3640.
WOL Q4300	APR1-4504-WOL-1 PZR SPRAY NOZZLE OVERLAY	WDI-STD-1014 WDI-STD-1016	VENDOR	APR-2R20-4504	NRI	98.5% Code coverage.
B-G-2 B7.60	APR1-5200-B25 THRU B36 R.C. PUMP SEAL HOUSE BOLTING	NMP-ES-024-201	NA	S10F2V072	Sat	NA
B-G-1 B6.180	APR1-5300-B01 THRU B024 R.C. PUMP C FB	NMP-ES-024-504	ALA-35	S10F2U054	NRI	NA

Farley Unit 2 Class 2 Components						
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks
C-B C2.21	APR2-3100-8R STM GN A FW NOZ TO SHELL WELD	NMP-ES-024-401 NMP-ES-024-516	ALA-56	S10F2M001 S10F2U050	NRI	NA
C-B C2.22	APR2-3100-IR8R STM GN A FW NOZ INNER RADIUS	NMP-ES-024-513	ALA-60	S10F2U051	NRI	NA
C-F-2 C5.51	APR2-4300-1R NOZZLE TO PUP PIECE	NMP-ES-024-502	ALA-65	S10F2U060	NRI	NA
C-F-2 C5.51	APR2-4301-2 ELBOW TO ELBOW	NMP-ES-024-502	ALA-65	S10F2U045	NRI	NA
C-F-2 C5.51	APR2-4301-7 PIPE TO VALVE	NMP-ES-024-502	ALA-65	S10F2U061	NRI	NA
C-F-2 C5.51	APR2-4301-28 PIPE TO ELBOW	NMP-ES-024-502	ALA-65	S10F2U006	NRI	NA
C-F-2 C5.51	APR2-4301-29 ELBOW TO PIPE	NMP-ES-024-502	ALA-65	S10F2U007	NRI	NA
C-F-2 C5.51	APR2-4301-30 PIPE TO VALVE	NMP-ES-024-502	ALA-65	S10F2U003	NRI	NA
C-F-2 C5.51	APR2-4301-32 PIPE TO VALVE	NMP-ES-024-502	ALA-65	S10F2U052	NRI	NA
C-F-2 C5.51	APR2-4350-2 TEE TO PIPE	NMP-ES-024-502	ALA-65	S10F2U013	NRI	NA
C-F-2 C5.51	APR2-4350-4 PIPE TO PENETRATION	NMP-ES-024-502	ALA-65	S10F2U048	NRI	NA
C-F-2 C5.51	APR2-4350-28 PIPE TO REDUCER	NMP-ES-024-502	ALA-65	S10F2U014	NRI	NA
C-C C3.20	APR2-4501-2RHR-R130 (W8) WELDED ATTACHMENT	NMP-ES-024-301	NA	S10F2P011	NRI	NA
C-F-1 C5.11	APR2-4506-3 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U004	NRI	NA
C-F-1 C5.11	APR2-4506-4 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U009	NRI	NA
C-F-1 C5.11	APR2-4506-15 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U028	NRI	NA
C-F-1 C5.11	APR2-4506-16 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U025	NRI	NA
C-F-1 C5.11	APR2-4506-18 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U026	NRI	NA

Farley Unit 2 Class 2 Components						
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks
C-F-1 C5.11	APR2-4506-19 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U027	NRI	NA
C-F-1 C5.11	APR2-4506-20 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U008	NRI	NA
C-F-1 C5.11	APR2-4509A-44 TEE TO PIPE	NMP-ES-024-501	ALA-67	S10F2U023	NRI	NA
C-F-1 C5.11	APR2-4509A-47 TEE TO PIPE	NMP-ES-024-501	ALA-67	S10F2U016	NRI	NA
C-F-1 C5.11	APR2-4509A-48 PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U019	NRI	NA
C-F-1 C5.11	APR2-4509A-49 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U024	NRI	NA
C-F-1 C5.11	APR2-4511-7 TEE TO PIPE	NMP-ES-024-501	ALA-67	S10F2U011	NRI	NA
C-F-1 C5.11	APR2-4511-10 FLANGE TO PIPE	NMP-ES-024-501	ALA-67	S10F2U039	NRI	50% Code coverage – relief request required.
C-F-1 C5.11	APR2-4511-11 PIPE TO VALVE	NMP-ES-024-501	ALA-67	S10F2U040	NRI	50% Code coverage – relief request required.
C-F-1 C5.11	APR2-4511-12 TEE TO ELBOW	NMP-ES-024-501	ALA-67	S10F2U001	NRI	50% Code coverage – relief request required.
C-F-1 C5.11	APR2-4511-17 ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F2U002	NRI	NA
C-C C3.20	APR2-4511-2SI-R218 (W8) WELDED ATTACHMENT	NMP-ES-024-301	NA	S10F2P003	NRI	NA
C-C C3.20	APR2-4512-CVCS-2A30 (WS) WELDED ATTACHMENT	NMP-ES-024-301	NA	S10F2P001	NRI	NA
C-C C3.20	APR2-4515-2CVC-R205 (W8) WELDED ATTACHMENT	NMP-ES-024-301	NA	S10F2P010	NRI	NA
C-C C3.20	APR2-4517-2CVC-R231 (W8) WELDED ATTACHMENT	NMP-ES-024-301	NA	S10F2P002	NRI	NA

**Farley Unit 2
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ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks
F-A F1.40(2)	APR1-1100-CS-5 RPV SUPPORT	NMP-ES-024-203	NA	S10F2V018	Sat	NA
F-A F1.40(2)	APR1-1100-CS-6 RPV SUPPORT	NMP-ES-024-203	NA	S10F2V019	Sat	NA
F-A F1.40(2)	APR1-2100-SKIRT PRESSURIZER SKIRT Q2B31K001	NMP-ES-024-203	NA	S10F2V031	Sat	NA
F-A F1.40(2)	APR1-3300-CS-1R STEAM GENERATOR 2C Q2B21H001C	NMP-ES-024-203	NA	S10F2V021	Sat	NA
F-A F1.40(2)	APR1-3300-CS-2R STEAM GENERATOR 2C Q2B21H001C	NMP-ES-024-203	NA	S10F2V022	Sat	NA
F-A F1.40(2)	APR1-3300-CS-3R STEAM GENERATOR 2C Q2B21H001C	NMP-ES-024-203	NA	S10F2V023	Sat	NA
F-A F1.40(2)	APR1-3300-CS-4R STEAM GENERATOR 2C Q2B21H001C	NMP-ES-024-203	NA	S10F2V024	Sat	NA
F-A F1.10S(2)	APR2-4101-2RH-R600 HYDRAULIC SNUBBER	NMP-ES-024-203	NA	S10F2V060	Sat	NA
F-A F1.10D(2)	APR1-4112-SS-12382 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V029	Sat	NA
F-A F1.10E(2)	APR1-4202-SI-R146 SWAY STRUT	NMP-ES-024-203	NA	S10F2V065	Sat	NA
F-A F1.10D(2)	APR1-4300-U-202224 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V047	Sat	NA
F-A F1.10B(2)	APR1-4301-2RC-R23 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V046	Sat	NA
F-A F1.10S(2)	APR1-4301-2RH-R89 HYDRAULIC SNUBBER	NMP-ES-024-203	NA	S10F2V020	Accept	NA
F-A F1.10D(2)	APR1-4301-2RH-R90 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V035	Sat	NA
F-A F1.10D(2)	APR1-4301-2RH-R91 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V036	Sat	NA
F-A F1.10B(2)	APR1-4304-2SI-R67 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V027	Sat	NA
F-A F1.10B(2)	APR1-4304-2SI-R74 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V028	Sat	NA
F-A F1.10B(2)	APR1-4307-SS-12356 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V026	Sat	NA

**Farley Unit 2
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ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s)	Results	Remarks
F-A F1.10D(2)	APR1-4307-SS-12361 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V025	Sat	NA
F-A F1.10D(2)	APR1-4308-SS-12408 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V032	Sat	NA
F-A F1.10D(2)	APR1-4308-SS-12411 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V033	Sat	NA
F-A F1.10B(2)	APR1-4308-SS-12419 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V034	Sat	NA
F-A F1.10S(2)	APR1-4309-SS-12677 HYDRAULIC SNUBBER	NMP-ES-024-203	NA	S10F2V058	Accept	NA
F-A F1.10D(2)	APR1-4502-2RC-R138 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V052	Sat	NA
F-A F1.10S(2)	APR1-4502-2RC-R139 MECHANICAL SNUBBER (2)	NMP-ES-024-203	NA	S10F2V061	Accept	NA
F-A F1.10C(2)	APR1-4504-2RC-R143 SPRING CAN	NMP-ES-024-203	NA	S10F2V075	Sat	NA
F-A F1.10I(2)	APR1-4506-SS-12367 CONSTANT SUPPORT	NMP-ES-024-203	NA	S10F2V066	Sat	NA
F-A F1.10S(2)	APR1-4506-SS-12368 HYDRAULIC SNUBBER	NMP-ES-024-203	NA	S10F2V051	Accept	NA
F-A F1.20G(2)	APR2-1120-2CVC-R634X EXCESS LETDOWN DELAY TANKS	NMP-ES-024-203	NA	S10F2V030	Sat	NA
F-A F1.20J(2)	APR2-4300-2MS-W-C-2 WEAR RESTRAINT	NMP-ES-024-203	NA	S10F2V041	Sat	NA
F-A F1.20B(2)	APR2-4507-2RHR-R73 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V002	Sat	NA
F-A F1.20D(2)	APR2-4509A-2SI-R220 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V045	Sat	NA
F-A F1.20S(2)	APR2-4510-2SI-R123 HYDRAULIC SNUBBER	NMP-ES-024-203	NA	S10F2V012	Accept	NA
F-A F1.20B(2)	APR2-4517-2CVC-R265 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V048	Sat	NA
F-A F1.20B(2)	APR2-4523-2CVC-R241 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V014	Sat	NA
F-A F1.20F(2)	APR2-4525-2CVC-R821 THREE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V009	Sat	NA

Farley Unit 2 Supports						
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s)	Results	Remarks
F-A F1.20E(2)	APR2-4526-2CVC-R824 SWAY STRUT	NMP-ES-024-203	NA	S10F2V003	Sat	NA
F-A F1.20D(2)	APR2-4527-2CVC-R234 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V008	Sat	NA
F-A F1.20A(2)	APR2-4613-SS-12297 ANCHOR W/ATT	NMP-ES-024-203	NA	S10F2V044	Sat	NA
F-A F1.20D(2)	APR2-4614-SS-12405 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V053	Sat	NA
F-A F1.20D(2)	APR2-4614-SS-12406 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V054	Sat	NA
F-A F1.20B(2)	APR2-4627-2SI-R333 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V055	Sat	NA
F-A F1.20B(2)	APR2-4627-2SI-R340 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V017	Sat	NA
F-A F1.20D(2)	APR2-4701-2CS-R327 SNUBBER (H)	NMP-ES-024-203	NA	S10F2V056	Accept	NA
F-A F1.20B(2)	APR2-4708-2CS-R285 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	NA	S10F2V043	Sat	NA
F-A F1.20B(2)	APR2-4709-2CS-R333 ONE DIRECTIONAL RESTRAINT W/STANCH	NMP-ES-024-203	NA	S10F2V042	Sat	NA
F-A F1.20S(2)	APR2-4709-2CS-R334 HYDRAULIC SNUBBER	NMP-ES-024-203	NA	S10F2V013	Accept	NA
F-A F1.20D(2)	APR2-4709-2CS-R337 TWO DIRECTIONAL RESTRAINT W/ATT	NMP-ES-024-203	NA	S10F2V015	Sat	NA
F-A F1.40(2)	APR2-5120-CS-1 CENTRIF CHRGING PMP (C) Q2E21P002C	NMP-ES-024-203	NA	S10F2V004	Sat	NA
F-A F1.40(2)	APR2-5120-CS-2 CENTRIF CHRGING PMP (C) Q2E21P002C	NMP-ES-024-203	NA	S10F2V005	Sat	NA
F-A F1.40(2)	APR2-5120-CS-3 CENTRIF CHRGING PMP (C) Q2E21P002C	NMP-ES-024-203	NA	S10F2V006	Sat	NA
F-A F1.40(2)	APR2-5120-CS-4 CENTRIF CHRGING PMP (C) Q2E21P002C	NMP-ES-024-203	NA	S10F2V007	Sat	NA

TAB D

**SUMMARY OF
RECORDED
INDICATIONS**

APR SUMMARY OF RECORDED INDICATIONS 2010 UNIT 2RF20
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[illegible]

TAB E

FORM NIS-2 OWNER'S REPORTS FOR REPAIRS AND REPLACEMENTS

OWNER'S REPORTS FOR REPAIRS OR REPLACEMENTS (FORM NIS-2)

The following Owner's Reports for Repairs or Replacements (Form NIS-2) are provided for work activities documented at FNP-2 since the last maintenance/refueling outage (2R19) through the completion of the twentieth maintenance/refueling outage (2R20). Reports are identified by their respective job number which is denoted on each of the NIS-2 reports. The originals of the NIS-2 reports are filed with their respective packages at the plant site. Only those NIS-2 reports applicable to FNP-2 are included in this report document. Any attachments, e.g., code data reports, etc., referenced in the NIS-2 reports will be made available for review upon request at the plant site.

The NIS-2s for the following job number packages are included herein:

C092455501	2090989403	2091285301	2091329501	2101417501
M400208801	2090989404	2091285601	2091329701	2101432801
S300091301	2090989405	2091285801	2091329901	2101533602
S092208301	2090989406	2091285901	2091330101	2082406002
2050453401	2090989407	2091286001	2091330201	
2061016801	2090989408	2091286101	2091515001	
2061016811	2090989420	2091286301	2091675501	
2062579701	2090989421	2091286601	2091675601	
2070138901	2090989422	2091289701	2091921703	
2072124501	2090989451	2091290001	2091978602	
2080200001	2090989452	2091290201	2091978603	
2080583201	2091281601	2091290301	2092013001	
2081115304	2091281701	2091290401	2092017501	
2081676701	2091281801	2091290501	2092226903	
2082120701	2091282001	2091291801	2092232701	
2082109301	2091282101	2091291901	2092371701	
2082120401	2091282201	2091328301	2092575801	
2082209601	2091282301	2091328501	2101076101	
2082217701	2091282501	2091328601	2101365501	
2082325601	2091282601	2091328801	2101397301	
2090250901	2091282701	2091328901	2101397401	
2090436701	2091282901	2091329201	2101413501	
2090694102	2091283001	2091329301	2101415903	
2090695701	2091283101	2091329401	2101417201	

Form NIS-2 Owner's Report for Repairs or Replacements

As required by the provisions of the ASME Code Section XI

RType: L1.52

1. Owner Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)		2. Plant Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319		Job Number R43-DCP-C092455501-02		Sheet 1 of 2 Unit ENP S Date 5/13/10	
3. Work performed by Name : <u>Southern Nuclear Operating Company Outage and Modifications</u> Address : <u>Joseph M. Farley Nuclear Plant</u>				Type Code Symbol Stamp N/A Authorization Number N/A Expiration Date N/A			
4. Identification of System and ASME Class QSR43 DIESEL EMERG. PWR. GENERATOR							
5. (a) Applicable Construction Code: <u>ASME Section III</u> 19 <u>71</u> Edition <u>No</u> Addenda <u>N/A</u> Code Case <u>N/A</u> (b) Applicable Section XI Utilized For Repairs Or Replacements. 20 <u>01</u> Edition <u>2003</u> Addenda <u>N/A</u> Code Case <u>N/A</u> (c) Applicable Section XI Code Case(s): _____							
6. Identification of Components Repaired or Replaced and Replacement Components:							
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes/No)
LUBE OIL COOLER TUBE	ITT	96B98693-04	N/A	QP960776	1996	REMOVED	NO
LUBE OIL COOLER TUBE	ENERGY STEEL & SUPPLY	N35260-1	N/A	QP690345	2009	INSTALLED	YES
7. Description of Work Replaced QSR43H0505 1-2A EDG lube oil tube bundle. All work was performed under WO C092455503 and DCP C092455501.							
8. Test Conducted <input type="checkbox"/> Hydrostatic <input type="checkbox"/> Pneumatic <input checked="" type="checkbox"/> Normal Operating Pressure <input type="checkbox"/> Exempt <input type="checkbox"/> Other Pressure <u>90</u> PSI Temperature <u>149</u> °F							

Form NIS-2 Owner's Report for Repairs or Replacements

As required by the provisions of the ASME Code Section XI

RType: L1.52

Job Number

R43-DCP-C092455501-02

Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

For replacement of lube oil tube bundle, see Transaction # 174862 for applicable material issue

Certificate of Compliance

I certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization Number _____ N/A Expiration Date _____ N/A

Signed [Signature] Plant MODS Supervisor Date 5/24/10
Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 2/04/10 to 5/24/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions

GA827 AIN
National Board, State, Province, and Endorsements

Date

5/24/10

FORM N-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS*
As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of 2

1. Manufactured and certified by Energy Steel & Supply Co., 3123 John Conley Dr., Lapeer, MI 48448
(name and address of N Certificate Holder)
2. Manufactured for Alabama Power Co., Farley Nuclear Plant, 7388 N. State Highway 96, Columbia, AL 36319
(name and address of Purchaser)
3. Location of Installation Alabama Power Co., Farley Nuclear Plant, 7388 N. State Highway 96, Columbia, AL 36319
(name and address)
4. Type Horizontal Tube Bundle N35260-1 N/A 1875 R.1 N/A 2009
(horiz. or vert.) (tank, jacketed, heat ex.) (Cert. Holder's serial no.) (CRN) (drawing no.) (Nat'l. Bd. no.) (year built)
5. ASME Code, Section III, Division 1: 1971 No ND Class 3 N/A
(edition) (addenda date) (class) (Code Case no.)

Items 6-10 inclusive to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

6. Shell: N/A N/A N/A N/A N/A N/A
(mat'l spec. no.) (tensile strength) (nom. thickness (in.)) (min. design thickness (in.)) (dia. ID (ft. & in.)) (length (overall) (ft. & in.))
7. Seams: N/A N/A N/A N/A N/A N/A N/A
(long.) (HT¹) (RT) (alt. %) (girth) (HT¹) (RT) (no. of courses)
8. Heads: N/A N/A N/A N/A
(a) mat'l spec. no. (tensile strength) (b) mat'l spec. no. (tensile strength)

	Location (top, bottom, ends)	Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(b)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

- If removable, bolts used N/A N/A Other fastening N/A
(mat'l spec. no., size, quantity) (describe or attach sketch)

9. Jacket closure: N/A
(Describe as open & weld, bar, etc. If bar, give dimensions, describe or sketch)

10. Design pressure² N/A at max. temp. N/A Min. pressure-test temp. N/A Pneu., hydro., or comb. test pressure N/A
(psia) (°F) (psia)

Items 11 and 12 to be completed for tube sections.

11. Tubesheets: SA240 Type 304/L 19.376" 1.120" Bolted
(stationary, mat'l spec. no.) (dia. (a. subject to prest.)) (thickness (in.)) (attachment (welded, bolted))
- SA240 Type 304/L 17.125" 1.935" Rolled Tubes
(floating, mat'l spec. no.) (dia. (in.)) (thickness (in.)) (attachment)
12. Tubes: SB676 C12 AL6XN .625" .035" Straight
(mat'l spec. no.) (OD (in.)) (thickness (inches or gage)) (no.) (type (straight or U))

Items 13 to 16 inclusive to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

13. Shell: N/A N/A N/A N/A N/A N/A
(mat'l spec. no.) (tensile strength) (nom. thickness (in.)) (min. design thickness (in.)) (dia. ID (ft. & in.)) (length (overall) (ft. & in.))
14. Seams: N/A N/A N/A N/A N/A N/A N/A
(long, welded, dbl. single) (HT¹ (yes or no)) (RT) (alt. %) (girth) (HT¹) (RT) (no. of courses)
15. Heads: N/A N/A N/A N/A N/A N/A
(a) mat'l spec. no. (tensile strength) (b) mat'l spec. no. (tensile strength) (c) mat'l spec. no. (tensile strength)

	Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a)	Top, bottom, ends	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(b)	Channel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(c)	Floating	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

- If removable, bolts used N/A N/A Other fastening N/A
(mat'l spec. no., size, quantity) (describe or attach sketch)

16. Design pressure² 150 at 300 Min. pressure-test temp. 64° Pneu., hydro., or comb. test pressure 225
(psia) (°F) (°F) (psia)

¹ If postweld heat treated. ² List other internal or external pressure with coincident temperature when applicable.

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) also is 8 1/2 x 11, (2) information in Items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form.

Revised 1/15/2010

FORM N-1 (Back — Pg. 2 of 2)

Certificate Holder's Serial No. N35280-1

17. Nozzles, inspection and safety valve openings:

Purpose (Inlet, outlet, drain, etc.)	Quantity	Dia. or Size	Type	How Attached	Mat'l	Thickness	Reinforcement Material	Location
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

18. Supports: Skirt N/A Lugs N/A Legs N/A Other N/A Attached N/A
(yes or no) (quantity) (quantity) (quantity) (describe) (where and how)
 19. Remarks: Starting tube material is SB688 type N08387, Tube material certified to Section II Part B 1998 Edition 2000 Addenda.

CERTIFICATION OF DESIGN			
Design specification certified by <u>An Nguyen</u>		RE. State <u>Alabama</u>	Reg. no. <u>16301</u>
Design report certified by <u>Patrick J Butler</u>		RE. State <u>Virginia</u>	Reg. no. <u>23815</u>
CERTIFICATE OF SHOP COMPLIANCE			
We certify that the statements made in this report are correct and that this nuclear vessel conforms to the rules for construction of the ASME Code, Section III, Division 1.			
N Certificate of Authorization No. <u>N-2994</u>		Expires <u>6/21/2011</u>	
Date <u>11/5/2010</u>	Name <u>Energy Steel & Supply Co.</u>	Signed <u>[Signature]</u>	<small>(Authorized representative)</small>
CERTIFICATE OF SHOP INSPECTION			
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Michigan</u> and employed by <u>HSB CT</u>			
of <u>Hartford, CT</u> have inspected the component described in this Data Report on <u>12/21/09</u> , and state that to the best of my knowledge and belief, the Certificate Holder has constructed this component in accordance with the ASME Code, Section III, Division 1.			
By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this 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 <u>Jan. 15, 2010</u>	Signed <u>[Signature]</u>	Commissions <u>M1610</u>	<small>(Authorized Nuclear Inspector) (Natl. Bd. (incl. endorsements) and state or prov. and no.)</small>
CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE			
We certify that the statements on this report are correct and that the field assembly construction of all parts of this nuclear vessel conforms to the rules of construction of the ASME Code, Section III, Division 1.			
N Certificate of Authorization No. _____		Expires _____	
Date _____	Name _____	Signed _____	<small>(Authorized representative)</small>
CERTIFICATE OF FIELD ASSEMBLY INSPECTION			
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of _____ and employed by _____			
of _____ have compared the statements in this Data Report with the described component and state that parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me on _____ and that to the best of my knowledge and belief the Certificate Holder has constructed and assembled this component in accordance with the ASME Code, Section III, Division 1.			
By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this 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 _____	Signed _____	Commissions _____	<small>(Authorized Nuclear Inspector) (Natl. Bd. (incl. endorsements) and state or prov. and no.)</small>

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 17, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
Sheet: 1 of 2
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
Work Order No.: P16 - M400208801
Repair/Replacement Organization PO No, Job No, etc.
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V786B (RE-20B OUTLET ISO)
5. (a) Applicable Construction Code: Section III, 1974 Edition, Summer 1975 Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
2" Gate Valve	Henry Vogt	13-215552	N/A	PO: QP-1564	1987	Removed	YES
2" SST Pipe	APCO	HCC-329	N/A	N/A	1984	Removed	NO
2" SST 90 ELBOW	APCO	HCC-330	N/A	N/A	1984	Removed	NO
2" Gate Valve	FLOW SERVE Corp	30BMG	N/A	PO: QP071067	2009	Installed	YES
2" SST Pipe	Sandvik Materials	HT# 513912	N/A	PO: QP080626	2007	Installed	NO
2" SST 90 ELBOW	WFI	44013	N/A	PO: QP090469	2005	Installed	NO

7. Description of Work: Cut out and replaced V786B and associated piping and elbow fitting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ED C080151601 version 2.0 approves the use of the Flowserve replacement valve for the installed Vogt valve

Applicable Manufacturer's Data Reports to be attached

Replacement Vogt valve is of ASME sec. III, class 3, 1974 edition thru Summer 1975 Addenda

SS1109-02 allows replacement materials from 1971 edition through the 2000 edition of ASME sec. III.

Alternate materials allowed by Piping Specification SS1109-02

Replacement Piping and 90 degree elbow is of ASME sec. III, class 2, 1983 edition

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

 Asla O. Jenkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CONNECTICUT and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/16/10 to 7/13/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

6A827 AEN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 3, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - S300091301
Name *Repair/Replacement Organization PO No., Job No., etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V777 (B TRN SW FROM 2B RHR PUMP RM COOLER HDR ISO (WEST WALL))
5. (a) Applicable Construction Code: Section III, 1974 Edition, Summer 1975 Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Wedge	Vogt	Mark # C-366	N/A	PO: QP-1564	1987	Removed	NO
Wedge	Flowserve Corp.	29217-9	N/A	PO: QP080203	2008	Installed	YES

7. Description of Work: Removed/disassembled valve and replaced stem and wedge
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks 2" Wedge (gate valve) of Vogt Manufacturing was replaced with 2" Wedge from Flowserve Corp. Manufacturing

Applicable Manufacturer's Data Reports to be attached

Two inch Vogt Wedge is of construction code ASME Section III, 1974 edition thru Summer 1975 Addenda class 3 and was replaced with new Flowserve Wedge of construction code ASME Section III, 1974 edition thru Summer 1975 Addenda class 3.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: [Signature] Asla O. Jenkins, Maintenance Spt, Support Date: 7/12/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HEB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/19/10 to 7/13/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature] Commissions: GA827 AIN
Inspector's Signature *National Board, State, Province, and Endorsements*

Date: 7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 1, 2010
Name
40 Inverness Center Parkway, Birmingham, AL 35242
Address
 2. Plant: Joseph M. Farley Nuclear Plant (FNP) Sheet: 1 of 2
Name
7388 North State Hwy 95, Columbia, AL 36319
Address
 3. Work Performed By: FNP Maintenance Department Unit: FNP Unit 2
Name
7388 North State Hwy 95, Columbia, AL 36319
Address
 Work Order No.: P16 - S092208301
 Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A
 Authorization No.: N/A
 Expiration Date: N/A

4. Identification of System: TPNS: Q2P16P0001E (Srvc Wtr Intake structure pump support QSW36)
 5. (a) Applicable Construction Code: AISC, 1989 Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Bolt	Unknown	Unknown	UNK	PO: FNP2-81	1975	Removed	NO
Nut	Unknown	Unknown	UNK	PO: FNP2-81	1975	Removed	NO
Bolt	Nova Machine Prod.	HT# 734825	N/A	PO:QP090748	2009	INSTALLED	NO
Nut	Nova Machine Prod.	HT# 713333	N/A	PO:QP090748	2009	INSTALLED	NO

7. Description of Work: Removed old studs and nuts and replaced with new studs and nuts (along with new gasket)

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Removed old bolt and nut of construction code ASME sec. III class 3; AISC 1969 edition and replaced with new bolt and nut

ASME sec. III class 1; AISC 1969 edition (nut code class N/A)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

6/28/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HEB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/17/09 to 7/06/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827

National Board, State, Province, and Endorsements

Date:

7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner:	<u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i>	Date:	<u>June 1, 2010</u>
2. Plant:	<u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i>	Sheet:	<u>1</u> of <u>2</u>
3. Work Performed By:	<u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i>	Unit:	<u>FNP Unit 2</u>
		Work Order No.:	<u>P12 - 2050453401</u>
		Repair/Replacement Organization PO No, Job No, etc.	<u>N/A</u>
		Type Code Symbol Stamp:	<u>N/A</u>
		Authorization No.:	<u>N/A</u>
		Expiration Date:	<u>N/A</u>

4. Identification of System: TPNS: Q2P12T0503 (RX Makeup Water Storage Tank)

5. (a) Applicable Construction Code: Section III, 1971 Edition, thru 2000 Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Studs	Unknown	Unknown	UNK	Unknown	UNK	Unknown	NO
Nuts	Unknown	Unknown	UNK	Unknown	UNK	Unknown	NO
Studs	AUGE	HT# 235878	N/A	PO:QP050760	2004	INSTALLED	NO
Nuts	UNYTITE	HT#S44035	N/A	PO:QP080352	2001	INSTALLED	NO

7. Description of Work: Removed old studs and nuts and replaced with new studs and nuts (along with new gasket)

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Removed old studs and nuts of construction code ASME sec. III class 3; 1971 edition thru 2000 Addenda and replaced with new studs and nuts per ASME sec. III class 1; 1989 edition no Addenda.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Maintenance Spt, Support

Date:

6/28/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 2/23/10 to 7/09/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 ASN

National Board, State, Province, and Endorsements

Date:

7/09/10

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

		Job Number B31-DCP-2061016801-03	Sheet 1 of 2																																																																								
1. Owner Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	2. Plant Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	Unit FNP 2 Date 6/1/10																																																																									
3. Work performed by Name : <u>Southern Nuclear Operating Company Outage and Modifications</u> Address : <u>Joseph M. Farley Nuclear Plant</u>		Type Code Symbol Stamp N/A Authorization Number N/A Expiration Date N/A																																																																									
4. Identification of System and ASME Class Q2B31- Pressurizer Nozzle																																																																											
5. * See remarks (a) Applicable Construction Code: _____ * _____ 19 * _____ Edition _____ * _____ Addenda, _____ * _____ Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, _____ 20 * _____ Edition _____ * _____ Addenda, _____ * _____ Code Case (c) Applicable Section XI Code Case(s): _____ * _____																																																																											
6. Identification of Components Repaired or Replaced and Replacement Components: <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 12.5%;">Name of Component</th> <th style="width: 12.5%;">Name of Manufacturer</th> <th style="width: 12.5%;">Manufacturer Serial Number</th> <th style="width: 12.5%;">National Board No.</th> <th style="width: 12.5%;">Other Identification</th> <th style="width: 12.5%;">Year Built</th> <th style="width: 12.5%;">Corrected, Removed or Installed</th> <th style="width: 12.5%;">ASME Code Stamped (Yes / No)</th> </tr> </thead> <tbody> <tr> <td>Pressurizer</td> <td>Westinghouse</td> <td>1561</td> <td>W10793</td> <td>N/A</td> <td>1975</td> <td>Corrected</td> <td>Yes</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>Class 1 Piping</td> <td>Grinnell</td> <td>Q2B13-CCA-20</td> <td>N/A</td> <td>B13</td> <td>1975</td> <td>Corrected</td> <td>Yes</td> </tr> <tr> <td>Class 1 Piping</td> <td>Grinnell</td> <td>Q2B13-CCA-15</td> <td>N/A</td> <td>B13</td> <td>1975</td> <td>Corrected</td> <td>Yes</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes / No)	Pressurizer	Westinghouse	1561	W10793	N/A	1975	Corrected	Yes									Class 1 Piping	Grinnell	Q2B13-CCA-20	N/A	B13	1975	Corrected	Yes	Class 1 Piping	Grinnell	Q2B13-CCA-15	N/A	B13	1975	Corrected	Yes																																
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Class 1 Piping	Grinnell	Q2B13-CCA-15	N/A	B13	1975	Corrected	Yes																																																																				
7. Description of Work This report documents the Full Structural Weld Overlay applied to the Unit 2 Pressurizer Safeties (3), relief line (1) and the spray line (1) per DCP 2061016801. Work Orders 2061016805, 2061016806, 2061016807, 2061016808 & 2061016819. Weld travelers APRI-4205, APRI-4501, APRI-4502, APRI-4503 & APRI-4504 in compliance with Proposed Alternative ISI-GEN-ALT-07-01 ver. 2.0 pursuant to 10CFR50.55.a(a)(3)(i). Welding / installation activities were performed by Westinghouse/PCI.																																																																											
8. Test Conducted <input type="checkbox"/> Hydrostatic <input type="checkbox"/> Pneumatic <input checked="" type="checkbox"/> Normal Operating Pressure <input type="checkbox"/> Exempt <input type="checkbox"/> Other Pressure <u>2235</u> PSI Temperature <u>543</u> °F																																																																											

Form NIS-2 Owner's Report for Repairs or Replacements

RType: L1.52

As required by the provisions of the ASME Code Section XI

Job Number

B31-DCP-2061016801-03

Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Construction code for pressurizer is Section III, 1968 Edition through the Summer 1970 Addenda.

Construction code for the (3) safety lines, (1) spray line and (1) relief line is Section III, 1971 edition through the Summer 1971 Addenda.

Applicable code for the repair/replacement is Section III and XI, 2001 edition through the 2003 Addenda.

Applicable Section XI Code Cases are N-504-2 and N-638-1.

Certificate of Compliance

I certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp

N/A

Certificate of Authorization Number

N/A

Expiration Date

N/A

Signed

Plant MODS Supervisor

Date

6/4/2010

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CONNECTICUT and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/24/09 to 6/04/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions

GA 827 AIN

National Board, State, Province, and Endorsements

Date

6/04/10

Figure 1
FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
 As Required By The Provisions Of The ASME Code Section XI

1. Owner Southern Nuclear Operating Company Date May 20, 2010
 Name
40 Inverness Center Parkway
Birmingham, Alabama 35242
(as agent for Alabama Power Company)
 Address
2. Plant FARLEY NUCLEAR PLANT Unit FNP 2
 Name
Highway 95 South
Columbia, Alabama 36319
 Address
B13 WO# 2061016811
 Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Southern Nuclear Plant
Company
ES - Modifications Type Code Symbol Stamp N/A
 Name
FARLEY NUCLEAR PLANT Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System B13 - REACTOR COOLANT
5. (a) Applicable Construction Code AISC Edition, 1969 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED / 2003 AD
 (c) Applicable Section XI Code Case(s) N/A
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE SUPPORT	DANIEL CONST.	2RC-R115	N/A	N/A	N/A	REMOVED	NO
PIPE SUPPORT	SNC	2RC-R115	N/A	N/A	N/A	INSTALLED	NO
PIPE SUPPORT	DANIEL CONST.	2RC-R132X	N/A	N/A	N/A	REMOVED	NO
PIPE SUPPORT	SNC	2RC-R132X	N/A	N/A	N/A	INSTALLED	NO
PIPE SUPPORT	DANIEL CONST.	2RC-R139	N/A	N/A	N/A	REMOVED	NO
PIPE SUPPORT	SNC	2RC-R139	N/A	N/A	N/A	INSTALLED	NO

7. Description of Work **See Remarks.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
 Other ☒ Pressure _____ psi Test Temp. _____ °F

Figure 1
FORM NIS-2 (Back)

9. Remarks ** Applicable Code for supports is AISC 1969 Edition
Applicable Code for the Repair / Replacement Activity for supports is Section XI 1989 Edition.
- Support 2RC-R115 was Replaced via Work Order 2061016811 by Williams Power.
- Support 2RC-R132X was Replaced via Work Order 2061016811 by Williams Power.
- Support 2RC-R139 was Replaced via Work Order 2061016811 by Williams Power.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and that this Replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A Expiration Date _____ N/A

Signed [Signature] Date 5/28/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of GEORGIA and employed by HSB CT of Waycross, CT have inspected the components described in this Owner's Report during the period 8/24/09 to 6/04/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature] Commissions GA 827
Inspector's Signature National Board, State, Province and Endorsements

Date 6/04/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner:	Southern Nuclear Operating Co.	Date:	July 9, 2010
	<i>Name</i>		
	40 Inverness Center Parkway; Birmingham, AL 35242	Sheet:	1 of 2
	<i>Address</i>		
2. Plant:	Joseph M. Farley Nuclear Plant (FNP)	Unit:	FNP Unit 2
	<i>Name</i>		
	7388 North State Hwy 95; Columbia, AL 36319	Work Order No.:	N11 - 2062579701
	<i>Address</i>		
3. Work Performed By:	FNP Maintenance Department	Repair/Replacement Organization PO No, Job No, etc.	
	<i>Name</i>	Type Code Symbol Stamp:	N/A
	7388 North State Hwy 95; Columbia, AL 36319	Authorization No.:	N/A
	<i>Address</i>	Expiration Date:	N/A

4. Identification of System: TPNS: Q2N11V3371C 2C MS ATMOS PRESS REL VLV

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71 Addenda, 1555 & 1574 Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Primary Plug	Cartech	HT# 16468-1	N/A	PO: 40425	1983	Removed	NO
Primary Plug	Fisher Controls	HT# 242445	N/A	PO: QP070179	2007	Installed	Yes

7. Description of Work: Replaced Primary Plug of Relief Valve

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Replacement Relief Valve plug is of code construction ASME code, sec. III, class 2, 1971 edition, Summer 1972 Addenda Design

Material is supplied in accordance with Inquiry/Specification SS1102-49.

Transaction #: 177295

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

[Signature]

Asia O. Jenkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HEB CT

of MANITERO, CT have inspected the components described in this

Owner's Report during the period 4/28/10 to 7/13/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/13/10

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***
As Required by the Provisions of the ASME Code, Section III
Not to exceed One Day's Production

1. Manufactured and certified by FISHER CONTROLS INT'L LLC, 757 OLD CLEMSON ROAD, COLUMBIA, SC 29229
(name and address of NPT Certificate Holder)
2. Manufactured for Alabama Power Company, Post Office Box 1295, Birmingham, Alabama, 35201
(name and address of purchaser)
3. Location of installation Alabama Power Company Farley Nuclear Plant, 7388 N. State Highway 95, Columbia, Alabama, 36319
(name and address)
4. Type 55A5940 Rev. C SA-479 S31600/COCR-A 75 ksi N/A 2007
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III: 1971 S'72 2 N/A
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
(no.)
7. Remarks: _____
8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

	Part or Appurtenance Serial Number	Heat Number
(1)	272319-1A	242445/8AH30B
(2)	272319-1B	242445/8AH30B
(3)	272319-1C	242445/8AH30B
(4)	272319-1D	242445/8AH30B
(5)	272319-1E	242445/8AH30B
(6)	272319-1F	242445/8AH30B
(7)	272319-1G	242445/8AH30B
(8)		
(9)		
(10)		
(11)		
(12)		
(13)		
(14)		
(15)		
(16)		
(17)		
(18)		
(19)		
(20)		
(21)		
(22)		
(23)		
(24)		
(25)		

	Part or Appurtenance Serial Number	Heat Number
(26)		
(27)		
(28)		
(29)		
(30)		
(31)		
(32)		
(33)		
(34)		
(35)		
(36)		
(37)		
(38)		
(39)		
(40)		
(41)		
(42)		
(43)		
(44)		
(45)		
(46)		
(47)		
(48)		
(49)		
(50)		

10. Design Pressure 1085 psi. Temp. 600 °F. Hydro. test pressure _____ at temp. °F
(when applicable)

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in Items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM N-2 (back)

Mfr. Serial No. 272319-1A thru

CERTIFICATION OF DESIGN

Design specifications certified by N/A P.E. State Reg. no.
(when applicable)

Design report* certified by N/A P.E. State Reg. no.
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Primary Plugs
conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. N-3156 Expires 11-27-07

Date 4/27/2007 Name FISHER CONTROLS INT'L LLC Signed [Signature]
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of North Carolina
and employed by Hartford Steam Boiler of CT
of Hartford, CT have inspected these items described in this Data Report on 27 APRIL 2007 and state that to the
best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has
been authorized for stamping on the date shown above.

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

Date 4/27/07 Signed [Signature] Commissions NC # 1073
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state or prov. and no.)

Form NIS-2 Owner's Report for Repairs or Replacements

As required by the provisions of the ASME Code Section XI

RType : L1.52

Job Number Q2P16-DCP-2070138901-01	Sheet 1 of 3
---------------------------------------	--------------

1. Owner Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Al. 35242 (as agent for Alabama Power Company)		2. Plant Farley Nuclear Plant Highway 95 South Columbia, Al. 36319		Unit FNP - 2 Date January 27, 2010			
3. Work Performed By Name: Southern Nuclear Operating Company SD-Mods Address: Joseph M. Farley Nuclear Plant				Type Code Symbol Stamp N/A Authorization Number N/A Expiration Date N/A			
4. Identification of System and ASME Class P16 - Service Water - Class 3							
5. (a) Applicable Construction Code: <u>ASME Sect. III Class 3</u> <u>1971</u> Edition, <u>Summer 1971</u> Addenda, <u>N/A</u> Code Case (b) Applicable Section XI Utilized for Repairs or Replacements: <u>2001</u> Edition, <u>2003</u> Addenda, <u>N/A</u> Code Case (c) Applicable Section XI Code Case(s): <u>N/A</u>							
6. Identification of Components Repaired or Replaced and Replacement Components:							
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes/No)
20" Butterfly Valve	ITT Hammel-Dahl	72/9733/039R1	N/A	PO# FNP2-52	1976	Removed	Yes
20" Sch.40 CS Pipe	ITT Grinnell	N94207	N/A	PO# FNP2-26	1975	Removed	No
20" 300# CS Orifice Flange	ITT Grinnell	MB2C	N/A	PO# FNP2-26	1975	Removed	No
20" 150# CS W.N. Flange	ITT Grinnell	EDTY	N/A	PO# FNP2-26	1975	Removed	No
1-1/4" Stud	Unknown	Unk	N/A	Unknown	Unk	Removed	No
1-1/4" Nut	Unknown	Unk	N/A	Unknown	Unk	Removed	No
1-1/8" Stud	Unknown	Unk	N/A	Unknown	Unk	Removed	No
1-1/8" Nut	Unknown	Unk	N/A	Unknown	Unk	Removed	No
20" Ball Valve	Fisher	18406554	7559	PO# QP070923	2008	Installed	Yes
20" Sch.40 SS Pipe	SWEPCO	606221	N/A	PO# QP080891	2008	Installed	No
20" 300# SS Orifice Flange	Western Forge	46098	N/A	PO# QP080891	2008	Installed	No
20" 150# SS W.N. Flange	Western Forge	245795	N/A	PO# QP080891	2008	Installed	No
20" 150# SS Slip-On Flange	Western Forge	245795	N/A	PO# QP080891	2008	Installed	No
1/2" SS Bull Plug	Ronson	WL48	N/A	PO# QP090860	2009	Installed	No
1-1/4" Stud	T&T Enterprises	BOY	N/A	PO# QP080842	2008	Installed	No
1-1/4" Nut	T&T Enterprises	TRE	N/A	PO# QP080842	2008	Installed	No
1-1/8" Stud	T&T Enterprises	BET	N/A	PO# QP090860	2009	Installed	No
1-1/8" Nut	Nova	F717	N/A	PO# QP030345	2003	Installed	No

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number

Q2P16-DCP-2070138901-01

Sheet 2 of 3

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes/No)
1-1/8" Nut	Nova	Z149	N/A	PO# QP070122	2007	Installed	No
1-1/8" Nut	Texas Bolt	QL83	N/A	PO# 960638	1989	Installed	No
1-1/8" Nut	Dyson	LEE6	N/A	PO# QP090860	2007	Installed	No
1-1/8" Nut	T&T Enterprises	AUN	N/A	PO# QP090860	2009	Installed	No

7. Description of Work
Replace existing 20" Hammel-Dahl butterfly valve Q2P16FV3009A and associated 20" carbon steel piping spool with new 20" Fisher ball valve and new 20" stainless steel piping per DCP 2070138901 (Work Order 2070138907).

8. Test Conducted
☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ Exempt ☐ Other
Pressure 105 PSI Temperature 78 °F

Form NIS-2 Owner's Report for Repairs or Replacements

As required by the provisions of the ASME Code Section XI

RType : L1.52

Job Number

Q2P16-DCP-2070138901-01

Sheet 3 of 3

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Code Reconciliation for replacement parts provided in DCP 2070138901 and J.M. Farley Nuclear Plant Piping Specification SS-1109-02, Ver. 156.

All replacement material and parts listed herein were installed per Work Order 2070138907. Material transactions for this WO are 167674, 167688, 167698, 168475, 169218, 169799, and 169800.

Certificate of Compliance

I certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp

N/A

Certificate of Authorization Number

N/A

Expiration Date

N/A

Signed



SD MODS Supervisor

Date

2/18/10

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 6/22/09 to 2/18/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.



Inspector's Signature

Commissions

GA 821 NB#12564 AIN

National Board, State, Province, and Endorsements

Date

2/18/10

Form NIS-2 Owner's Report for Repairs or Replacements

As required by the provisions of the ASME Code Section XI

RTYPE: L1.52

		Job Number T53-MDC-2072124501-01	Sheet 1 of 2																																																																																								
1. Owner Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	2. Plant Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	Unit FNP 2																																																																																									
		Date May 27, 2010																																																																																									
3. Work performed by Name : <u>Southern Nuclear Operating Company SD-Mods</u> Address : <u>Joseph M. Farley Nuclear Plant</u>		Type Code Symbol Stamp N/A Authorization Number N/A Expiration Date N/A																																																																																									
4. Identification of System and ASME Class T53/T33 - CONTAINMENT EQUIPMENT HATCH / LINER - CLASS MC																																																																																											
5. (a) Applicable Construction Code: <u>SECT.III CLASS MC</u> <u>1971</u> Edition <u>SUMM 1971</u> Addenda. <u>N/A</u> Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements. <u>2001</u> Edition <u>2003</u> Addenda. <u>N/A</u> Code Case (c) Applicable Section XI Code Case(s): <u>N/A</u>																																																																																											
6. Identification of Components Repaired or Replaced and Replacement Components: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 12.5%;">Name of Component</th> <th style="width: 12.5%;">Name of Manufacturer</th> <th style="width: 12.5%;">Manufacturer Serial Number</th> <th style="width: 12.5%;">National Board No.</th> <th style="width: 12.5%;">Other Identification</th> <th style="width: 12.5%;">Year Built</th> <th style="width: 12.5%;">Corrected, Removed or Installed</th> <th style="width: 12.5%;">ASME Code Stamped (Yes / No)</th> </tr> </thead> <tbody> <tr> <td>1/2" Plate (25 Pc)</td> <td>Chatham Steel</td> <td>ESF130</td> <td>N/A</td> <td>QP080811</td> <td>2008</td> <td>installed</td> <td>No</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes / No)	1/2" Plate (25 Pc)	Chatham Steel	ESF130	N/A	QP080811	2008	installed	No																																																																								
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes / No)																																																																																				
1/2" Plate (25 Pc)	Chatham Steel	ESF130	N/A	QP080811	2008	installed	No																																																																																				
7. Description of Work Installed two ladders, safety ropes and tie-off lugs on reinforcing plate on either side of U-2 Containment Equipment Hatch (Q2T53PENE44) to facilitate personnel safety while opening and closing equipment hatch during refueling outages per MDC 2072124501 (Work Order 2003124505).																																																																																											
8. Test Conducted <input type="checkbox"/> Hydrostatic <input type="checkbox"/> Pneumatic <input type="checkbox"/> Normal Operating Pressure <input type="checkbox"/> Exempt <input checked="" type="checkbox"/> Other (See Remarks) Pressure _____ PSI Temperature _____ °F																																																																																											

Form NIS-2 Owner's Report for Repairs or Replacements

RType: L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
T53-MDC-2072124501	
9. Remarks (Applicable Manufacturer's Data Reports to be attached) 1/2" plates are SA516 Gr.70. Code reconciliation for these plates was determined by comparison of material properties in the CMTR provided with Purchase Order OP090811 and the requirements for SA516 Gr.70 listed in ASME Sect.II, Material Specifications Part A, 1971 Edition. The 1/2" plates were installed on the Unit 2 Containment Liner Reinforcing Plate as attachments; therefore, the required pneumatic pressure test is deferred in accordance with Section XI Article IWE-5222(a). All materials listed herein were installed per Work Order 2072124505. The material transactions for this work order is 182716.	

Certificate of Compliance

I certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp

N/A

Certificate of Authorization Number

N/A

Expiration Date

N/A

Signed



Plant MODS Supervisor

Date

6/14/10

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/19/10 to 6/14/10 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.



Inspector's Signature

Commissions

GA 827 A1N

National Board, State, Province, and Endorsement

Date

6/14/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: May 25, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: P12 - 2080200001
Address Repair/Replacement Organization PO No, Job No, etc.
Type Code Symbol Stamp: N/A
3. Work Performed By: FNP Maintenance Department Authorization No.: N/A
Name Expiration Date: N/A
7388 North State Hwy 95; Columbia, AL 36319
Address
4. Identification of System: TPNS: Q2P12P0001A (2A Reactor Makeup Water Pump), ASME Class 3
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 1972 Addenda, 1507 Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Pump back pull-out assy	Goulds	N726B306-1	48	FNP2-169	1975	Removed	Yes
Pump back pull-out assy	Goulds	N726B306-1.2 Spare	80	FNP2-169	1975	Installed	Yes

7. Description of Work: Replaced pump as part of regularly scheduled PM.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Reference Transaction Number 150816 for issuance of new pump.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

GEORGIA

and employed by

HSB CT

of

HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

1/29/09

to

7/08/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/08/10

New

Page 1 of 2

Goulds Pumps, Inc. Seneca Falls, New York 13149
Goulds Pumps, Inc. Seneca Falls, New York 13148
Identification-Manufacturer's Serial No. of Part N726B306-1, 2 Spare Rev. 3 60
Constructed According to Drawing No. N726306#1 Drawing Prepared by D. E. Rekameyer
Description of Part Inspected Spare Back Pull-Out Assembly (See attached sheet page 2)
Applicable ASME Code Section III, Edition 7/1/71, Addenda date Winter 1972, Case No. 1507 Class. 3
Remarks: Reactor Make-Up Spare Back Pull-Out Assembly for Goulds original
(Brief description of service for which component was designed)
S/N N726B306-1 & 2; Goulds Model 3196 MT Size 1-1/2 x 3 - 10
Owner: Alabama Power Company, Joseph M. Farley Nuclear Plant Units 1 & 2
Customer P.O. No. FNP2-169

We certify that the statements made in this report are correct and this vessel part or appurtenance as defined in the Code conform to the rules of construction of the ASME Code Section III.
(The applicable Design Specification and Stress Report are not the responsibility of the part Manufacturer. An appurtenance Manufacturer is responsible for furnishing a separate Design Specification and Stress Report if the appurtenance is not included in the component Design Specification and Stress Report.)

Date December 5 19 75 Signed Goulds Pumps, Inc. By [Signature]
(Manufacturer)
Certificate of Authorization Expires June 16, 1978 Certificate of Authorization No. NPT-1097

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at Goulds Pumps, Inc. Seneca Falls, New York 13148
Stress analysis report on file at N/A
Design specifications certified by Sabin Crocker, Jr. Prof. Eng. State Mass. Reg. No. 2504
Stress analysis report certified by N/A Prof. Eng. State N/A Reg. No. N/A

CERTIFICATE OF SHOP 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 New York and employed by Arkwright-Boston Mfg. Mutual Ins. Co.* of Waltham, Mass. have inspected the part of a pressure vessel described in this Manufacturer's Partial Data Report on Dec 5 1975, and state that to the best of my knowledge and belief, the Manufacturer has constructed this part in accordance with the ASME Code Section III.
By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the part described in this Manufacturer's Partial 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 5 19 75
Inspector's Signature [Signature] Commission N4394
National Board of Boiler and Pressure Vessel Inspectors

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2" x 11" (2) all supplemental sheets are included on each sheet, and (3) each sheet is numbered and number of sheets is recorded on the first sheet.

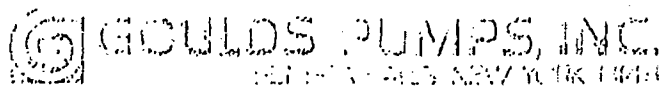
*Factory Mutual System

AUG 27 1976

3 QCDS

A18.05

Neu



Page 1 of 2
ESTABLISHED 1899
(315) 568-5811

Continuation Sheet for Manufacturers' Data Report for Nuclear Part and Appendances

1. (a) Manufactured by: Goulds Pumps, Inc. Seneca Falls, New York 13148
(b) Manufactured for: Goulds Pumps, Inc. Seneca Falls, New York 13148
2. Identification-Manufacturer's Serial No. of Part: N726B306-1,2 SPARE
Nat'l. Bd. No. 60
(a) Constructed According to Drawing No. N726B306 #1 Rev. 3
Drawing Prepared by: D. E. Rekemeyer
(b) Description of Part Inspected: Spare Back Pull-Out Assembly (Code Parts listed below)
(c) Applicable ASME Code: Sect. III Edition 7/1/71, Addenda Date Winter, 1972
Case No. 1507 Class 3
3. Remarks: Reactor Make-up Spare Back Pull-out Assembly for Goulds Pumps original
Serial Numbers: N726B306-1 and -2, Goulds Model 3196 MT Size 1-1/2 x 3 - 10
Owner: Alameda Power Company, Joseph M. Farley Nuclear Plants Unit 1 & 2
Customer P.O. No. FNP-476

Mark. Numbers	Material Spec.No.	Manufacturer	Remarks
(a) <u>Castings</u> S/N N726B306-1,2 Spare			
1--Stuffing Box Cover G-0792	S103 Rev. 0	Empire Steel	ASME SA-351Gr.CF8
1--Adapter G-0798	S002 REV. 0	Empire Steel	ASME SA-216Gr.WCB
1--Gland G-0825	S103 Rev. 0	Empire Steel	ASME SA-351Gr.CF8
(b) <u>Bolting</u>			
4--Gland Studs ID# J5	L115 Rev. 3 ASME SA-193 Gr. B8	Nuclear Mfg.Div.	1/2 x 3-1/8
(c) <u>Other Parts</u>			
4--Hex Nuts ID# ZG	L231 REV. 0 ASME SA-194 Gr. 8M	Nuclear Mfg.	Div.1/2"

RECEIVED
AUG 27 1976
QCDS

AIR 05

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 1, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: P12 - 2080583201
Address Repair/Replacement Organization PO No, Job No, etc.
Type Code Symbol Stamp: N/A
3. Work Performed By: FNP Maintenance Department Authorization No.: N/A
Name Expiration Date: N/A
7388 North State Hwy 95; Columbia, AL 36319
Address
4. Identification of System: TPNS: 2DW-R96 (PIPING/SUPPORT FOR RX Makeup Water SYSTEM)
5. (a) Applicable Construction Code: AISC, 1969 Edition, AWS D1.1-86 Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1/2" Steel Plate (Item 9)	Unknown	HT# X01135	N/A	PO: FNP2-29*	1980*	REMOVED	NO
1/2" Steel Plate (Item 10)	Unknown	HT# U60810	N/A	PO: FNP2-29*	1980*	REMOVED	NO
4" W-Beam (Item 8)	Unknown	HT# U60201	N/A	PO: FNP2-29*	1980*	REMOVED	NO
1/2" plate	NUCOR	HT# A8P0889	N/A	PO:QP090015	2008	INSTALLED	NO
4" W-Beam	NUCOR	HT# 1901315	N/A	PO:QP090376	2009	INSTALLED	NO

7. Description of Work: Removed old rusted plates and installed new plates and I-beam
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
Other ☒ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Removed Plate and I-beam support of construction code AISC 1969 edition and AWS D1.1-86 and was replaced with AISC 1969 Edition and AWS D1.1-86 code for both plate and I-beam for ASME code class 3 system.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

6/28/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

7/15/09

to

7/06/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/06/10

Figure 1

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

- | | | | | |
|----|--|---|--|----------------------|
| 1. | Owner | <u>Southern Nuclear Operating Co.</u>
Name
<u>40 Inverness Center Parkway; Birmingham</u>
<u>Alabama 35242</u> | Date | <u>5/20/2010</u> |
| | | | Sheet | <u>1</u> of <u>2</u> |
| 2. | Plant | <u>Joseph M. Farley Nuclear Plant</u>
Name
<u>7388 North State Hwy. 95; Columbia, Alabama</u>
<u>36319</u> | Unit | <u>FNP-Unit 2</u> |
| | | <u>Address</u> | <u>E11-DCP 2081115301 - WO 2081115304</u> | |
| | | | <u>Repair/Replacement Organization P.O. No., Job No., etc.</u> | |
| 3. | Work Performed by | <u>Crane Nuclear</u>
Name
<u>2825 Cobb International Blvd.; Kennesaw</u>
<u>Georgia 20152</u> | Type Code Symbol Stamp | <u>N/A</u> |
| | | <u>Address</u> | Authorization No. | <u>N/A</u> |
| | | | Expiration Date | <u>N/A</u> |
| 4. | Identification of System | <u>Q2E11MOV8811A</u> | | |
| 5. | (a) Applicable Construction Code | <u>ASME Section III</u> | Edition, | <u>1968</u> |
| | | | Addenda, | <u>Winter 1970</u> |
| | (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: | <u>2001 ED / 2003 AD</u> | | |
| | (c) Applicable Section XI Code Case(s) | <u>N/A</u> | | |

6. Identification Of Components

[illegible]

7. Description of Work *Replace Valve Disc Per DCP 208111530, WO 2081115304*

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
Other ☒ Pressure _____ psi Test Temp. _____ °F

Figure 1
FORM NIS-2 (Back)

9. Remarks Replace Disc in Valve. To test newly installed seat of Q2E11MOV8811A(Q2E11VO25A) see Attachment 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and that this Replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed

[Signature]
Owner or Owner's Designee, Title Site Design SupervisorDate 5/29/10

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of Georgia and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/08/09 to 5/20/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]
Inspector's SignatureCommissions GA 827 AIN

National Board, State, Province and Endorsements

Date

5/20/10

**FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

Pg. 1 of 1

1. Manufactured and certified by SPX Corporation, Copes-Vulcan Operation, 5620 West Road, McKean, PA
(name and address of NPT Certificate Holder)

2. Manufactured for Westinghouse Electric Corp. Pittsburgh, PA
(name and address of purchaser)

3. Location of Installation Alabama Power Company, Farley Nuclear Plant, Columbia, AL
(name and address)

4. Type 10054089 Rev. 0 SA182 Gr. F316 82,500 psi N/A 2010
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III, Division 1 74 Winter 75 1 N/A
(edition) (addenda date) (class) (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
(no.)

7. Remarks: 12/14" Gate Valve Disc
Customer PO 4500319520

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) Length overall (ft & in.) N/A

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Appurtenance Serial Number	National Board No. In Numerical Order	Appurtenance Serial Number	National Board No. In Numerical Order
(1) <u>0921-167770-1-1 (10-01) / N/A</u>		(26)	
(2)		(27)	
(3)		(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10. Design Pressure 800 psi. Temp. 400 f. Hydro. Test Pressure N/A at temp F
(when applicable)

* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in Items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.
(7/98) This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-2 (Back — Pg 2 of)

0921-167770-

Certificate Holder's 1-1 Serial Nos. through 1-1

CERTIFICATION OF DESIGN

Design specifications certified by Louis James Malandra P.E. State PA Reg. no. 13868-E
(when applicable)
Design report* certified by John A. George P.E. State PA Reg. no. 26623-E
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Disc
conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-3053 Expires 10/5/2010
Date 2/23/2010 Name SPX Corporation, Copes-Vulcan Operation Signed Randall L. Slomski
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Penna and employed by OneBeacon America Insurance Company
Of Lynn, MA have inspected these items described in this Data Report on 02-23-2010 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.
By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 02-23-2010 Signed [Signature] Commissions PA-2046
no.] (Authorized Nuclear Inspector) (Natl. Bd. (incl. endorsements) and state or prov. and

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 16, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Work Order No.: P16 - 2081676701
Repair/Replacement Organization PO No, Job No, etc.
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V005E (2C CCW HX SW OUTLET TUBE SIDE DRN)
5. (a) Applicable Construction Code: Section III, 1974 Edition, Summer 1975 Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
2" Pipe	Unknown	Unknown	N/A	Unknown	Unk	Removed	NO
2" Elbow(90)	Unknown	Unknown	N/A	Unknown	Unk	Removed	NO
2" Globe Valve	Henry Vogt Co.	114-215271	N/A	PO: QP0420	1986	Removed	YES
2" Pipe	Sandvik	HT# 513912	N/A	PO: QP080626	2007	Installed	NO
2" Elbow(90)	Bonney Forge	HT# E44359	N/A	PO: QP090059	2006	Installed	NO
2" Globe Valve	BNL Industires, Inc.	A070809-1-1	N/A	PO: QP070775	2007	Installed	YES

7. Description of Work: Replaced 2" Globe valve, elbow and piping with new Ball valve, elbow and applicalbe piping
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks 2" globe valve, piping, and elbow fitting was replaced with 2" ball valve, piping, and elbow

Applicable Manufacturer's Data Reports to be attached

Two inch Ball valve replacement is of ASME Section III, class 3 1971 edition thru Winter 1971 and Paragraph NB6111.1c of Winter 1972

Two inch pipe and elbow replacement is of ASME sec. III, class 3 1986 edition.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

GEORGIA

and employed by

HSB

CT

of

HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

1/13/10

to

7/13/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 AN

National Board, State, Province, and Endorsements

Date:

7/13/10

Pg. 1 of 2

- [illegible]

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM NPV-1 (Book - Pg. 2 of 2)

Certificate Holder's Serial No. A070809-1-11 THRU 20)

8. Design conditions _____ psi _____ °F or valve pressure class ANSI 150# (1)
(pressure) (temperature)

9. Cold working pressure 230 psi at 100°F

10. Hydrostatic test 425 psi. Disk differential test pressure 320 psi

11. Remarks: _____

CERTIFICATION OF DESIGN

Design Specification certified by AN NGUYEN P.E. State AL Reg. no. 15301
Design Report certified by _____ P.E. State _____ Reg. no. _____

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N-2882 Expires 11/10/10

Date 12-19-07 Name BNL INDUSTRIES, INC. Signed [Signature]
(N Certificate Holder) (Authorized Representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CONNECTICUT and employed by ONEBEACON AMERICA INC. of BOSTON, MASS have inspected the pump, or valve, described in this Data Report on 12/20/07, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this 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 12/21/07 Signed [Signature] Commission NB/IR-4, A, N, CN262
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

(1) For manually operated valves only.

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 17, 2010
Name
40 Inveness Center Parkway, Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - 2082120701
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2P16F0520 SERVICE WATER OUTLET FROM 2B EDG LUBE OIL HX
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 1971 Addenda, 1177-7 & 1330-3 Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Expansion Joint	Tube Turns	49812	N/A	PO: FNP2-93	1975	REMOVED	YES
Studs	Unknown	Unknown	N/A	Unknown	N/A	REMOVED	NO
Stay Rod Nuts*	Unk. (Senior Flexonics)	Unknown	N/A	Unk(QP081064)	2009	Unknown	NO
Stay Rods*	Unk. (Senior Flexonics)	Unknown	N/A	Unk(QP081064)	2009	Unknown	NO
Expansion Joint	Senior Flexonics	K82580-1-2	N/A	PO: QP081064	2009	INSTALLED	YES
Studs	Nova Machine	HT # 7800/04	N/A	PO: QP090495	2009	INSTALLED	NO
Stay Rod Nuts	Trust Mfg., LLC	HT # 459810	N/A	PO: QP090279	2009	INSTALLED	NO
Plate (Spacers)	Nucor	HT# 9103524	N/A	PO: QP090737	2009	INSTALLED	NO
Stay Rods	Vulcan Thrd. Prod.	HT# 731381	N/A	PO: QP090766	2009	INSTALLED	NO

7. Description of Work: Replacement of Expansion Joint with associated hardware
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Replacement expansion joint approved/reconciled under Equivalency Determination 2092121001ED

Applicable Manufacturer's Data Reports to be attached

Replacement Expansion Joint(Senior Flexonics Manuf.) is of ASME Sec. III, class 3, 1980 edition thru Summer 1982 Addenda,

w/ Code Case N-369

Replacement 3/4" studs are of ASME sec. III, class 2, 1989 edition (qty 16)

Replacement 3/4" nuts are ASME sec. III, class 1, 1989 edition (qty 32)

Replacement Spacers are ASME Sec. III, class 3, 1980 edition thru Summer 1982 Addenda.

Replacement 3/4" stay rods (qty 4) are ASME sec. III, class 3, 1980 edition

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Maintenance Spt, Support

Date:

0/28/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

8/19/09

to

7/08/10

, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 822 N/A

National Board, State, Province, and Endorsements

Date:

7/08/10

**FORM NPP-1 CERTIFICATE HOLDERS' DATA REPORT FOR FABRICATED
NUCLEAR PIPING SUBASSEMBLIES***

As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of 1

Job Number: N567 Sales Order Number: K82580 ADDENDUM * 8/26/09

1. Fabricated and certified by Senior Operations Inc., Senior Flexonics Pathway Division, 2400 Loughorn Industrial Drive, New Braunfels, TX 78130
(name and address of NPT Certificate Holder)
2. Fabricated for Southern Nuclear Operating Company, Alabama Power Company, Farley Nuclear Plant, Columbia, AL 36319
(name and address)
3. Location of installation Alabama Power Company, Farley Nuclear Plant, 7398 N. State Highway 95, Columbia, AL 36319
(name and address of Purchaser)
4. Type K82580-1-1 thru K82580-1-2 N/A D-59711 Rev. 6 N/A 2009
(Cert. Holder's serial no.) (CRN) (drawing no.) (Nat'l Bd. No.) (year built)
5. ASME Code, Section III, Division 1: 1980 Summer 1982 3 N-369
(edition) (addenda date) (class) (Code Case no.)
6. Shop Hydrostatic test 225 Int. psi at 87 ° F (if performed)
7. Description of piping 8" Nominal Diameter Tied Expansion Joint Assembly

8. Certificate Holder's Data Reports properly identified and signed by commissioned inspectors have been furnished for the following items of this report: None

9. Remarks Materials

Drawing Part Number	Description	Specification	Material Traceability Code Number (MTCN)
1A & 1B	Bellows (2 piles)	SA240 / 321	TDM583
2 & 3	Flanges	SA182 / 304L	TDK890 / TDL696*
4	Liner	SA240/321	TDK147-1
5 & 6	Ears	SA240/304	TDG855-1
7	Limit Rod	SA193 B-7	TDK891
8	Nuts	SA194 Gr. 2H	TDK892
10	Shipping Bars	S/S	TDM417

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that the fabrication of the described piping subassembly conforms to the rules for construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-2778 Expires April 01, 2011
 Date 6/26/09 Name Senior Operations, Inc., Senior Flexonics Pathway Division Signed [Signature]
 (NPT Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by One Beacon American Ins. Co. of Lynn, Mass. have inspected the piping subassembly described in this Data Report on 6-26-09, and state to the best of my knowledge and belief, the Certificate Holder has fabricated this piping subassembly in accordance with the ASME Code, Section III, Division 1.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the piping subassembly described in this 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 6-26-09 Signed [Signature] Commissions TE 1083
 (Authorized Nuclear Inspector) [Nat'l Bd. (incl. endorsements) state or prov. and no.]

*Supplemental information in form of lists, sketches, or drawings may be used provided (1) size 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

This form (E00062) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: May 26, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: N23 - 2082109301
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2N23HV3228C (TDAFWP to 2C Steam Generator), ASME Class 3
5. (a) Applicable Construction Code: Section III, 1971 Edition, Summer 1972 Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Plug	Hammel-Dahl	962132	N/A	PO: 15239	1984	Removed	No
Plug	Flowserve	A4802 #2	N/A	PO: QP99032-1	1999	Installed	No

7. Description of Work: Replaced plug in valve Q2N23HV3228C due to normal wear.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Reference Transaction Number 183998 for issuance of new plug.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSE CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

5/1/10

to

7/09/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/09/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 15, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Work Order No.: P16 - 2082120401
Repair/Replacement Organization PO No, Job No, etc.
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2P16F0521 SERVICE WATER INLET TO 2B EDG AIR COOLANT HX
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 1971 Addenda, 1177-7 & 1330-3 Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Expansion Joint	Tube Turns	49813	N/A	PO: FNP2-93	1975	REMOVED	YES
Studs	Unknown	Unknown	N/A	Unknown	N/A	REMOVED	NO
Stay Rod Nuts*	Ink. (Senior Flexonic	Unknown	N/A	Unk(QP081064)	2009	Unknown	NO
Stay Rods*	Ink. (Senior Flexonic	Unknown	N/A	Unk(QP081064)	2009	Unknown	NO
Expansion Joint	Senior Flexonics	K82580-1-1	N/A	PO: QP081064	2009	INSTALLED	YES
Studs (qty 4)	Nova Machine	HT # 7800/04	N/A	PO: QP090495	2009	INSTALLED	NO
Studs (qty 12)	Nova Machine	HT # 7800/04	N/A	PO: QP090495	2009	INSTALLED	NO
Stay Rod Nuts	Trust Mfg., LLC	HT # 459810	N/A	PO: QP090279	2009	INSTALLED	NO
Plate (Spacers)	Nucor	HT# 9103524	N/A	PO: QP090737	2009	INSTALLED	NO
Stay Rods	Vulcan Thrd. Prod.	HT# 731381	N/A	PO: QP090766	2009	INSTALLED	NO

7. Description of Work: Replacement of Expansion Joint with associated hardware
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Replacement expansion joint approved/reconciled under Equivalency Determination 2092121001ED

Applicable Manufacturer's Data Reports to be attached

Replacement Expansion Joint(Senior Flexonics Manuf.) is of ASME Sec. III, class 3, 1980 edition thru Summer 1982 Addenda,

w/ Code Case N-369

Replacement 3/4" studs are of ASME sec. III, class 2, 1989 edition (qty 4) and ASME sec. III, class 2, 1983 edition thru Summer 1984

addenda (qty 12). Replacement 3/4" nuts are ASME sec. III, class 1, 1989 edition (qty 32)

Replacement Spacers are ASME Sec. III, class 3, 1980 edition thru Summer 1982 Addenda.

Replacement 3/4" stay rods (qty 4) are ASME sec. III, class 3, 1980 edition

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins

Asia O. Jenkins, Maintenance Spt, Support

Date:

6/28/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by H&B CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

8/19/09

to

7/08/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 21, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
 2. Plant: Joseph M. Farley Nuclear Plant (FNP) Sheet: 1 of 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
 3. Work Performed By: FNP Maintenance Department Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
 Work Order No.: N23 - 2082209601
 Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A
 Authorization No.: N/A
 Expiration Date: N/A

4. Identification of System: TPNS: Q2N23V0011B DBB-2 (AFW REDUCER 10x8")
 5. (a) Applicable Construction Code: Section III, 1971 Edition, 2000 Addenda, NO Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
REDUCER	Unknown	16-88-2-1	N/A	PO: FNP2-26	1975	Removed	NO
Tube Steel 3x3x1/4"	Steel Supply	W92319	N/A	PO: 7071Q60628	1981	Removed	NO
REDUCER	Taylor Forge	MKVF-2	N/A	PO: QP091145	2010	INSTALLED	NO
Tube Steel 3x3x1/4"	Consolidated Pwr	HT-E82071	N/A	PO: QP090577	2009	INSTALLED	NO

7. Description of Work: Cut out and replaced 10x8" reducer
 8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks *FNP Piping Spec. SS110902 allows a construction code of ASME sec. III, 1971 edition thru 2000 edition/Addenda

Applicable Manufacturer's Data Reports to be attached

Replacement Reducer is ASME sec. II an dII sub NC class 2, 1989 edition no Addenda

Replacement tubesteel is AISC 69 Edition to AWS D1.1 1986

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

2/24/10

to

7/13/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA-827 AIN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 7, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Work Order No.: P16 - 2082217701
Address Repair/Replacement Organization PO No, Job No, etc.
 3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V679 (SW B TRAIN VACUUM BKR)
5. (a) Applicable Construction Code: Section III, 1974 Edition, Winter 1974 Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Valve Disc	Weir Valves	Serial #2 Heat S00222	N/A	PO: QP060786	2006	Removed	NO
Valve Disc	Weir Valves	Serial #1 Heat S00222	N/A	PO: QP060786	2006	Installed	NO

7. Description of Work: Removed/disassembled valve and replaced internals and disc
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

The original (Weir Valve manufacturer) valve disc is of construction code ASME Section III, 1974 edition with Winter 1974 Addenda, class 3 and was replaced with a new (Weir Valve manufacturer) of construction code ASME Section III, 1974 edition with Winter 1974 Addenda class 3.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

6/28/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

4/16/10

to

7/02/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/02/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: July 9, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - 2082325601
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V0208D CTMT COOL 2D SW OTLT R/VL
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71 Addenda, 1555 & 1574 Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1.5" x 2" relief valve	Lonerger	210289-4-4	N/A	FNP2-51	1978	Removed	Yes
1.5" x 2" relief valve	Jerson Greenwood Cro	N99904-00-0006	N/A	QP090349	2009	Installed	Yes

7. Description of Work: Perform STP-628.15 Replace Relief Valve
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Reference ED 2071240901 used for Relief Valve Replacement

Applicable Manufacturer's Data Reports to be attached

Replacement Relief Valve is of code construction ASME code, sec. III, class 2, 1974 edition, Summer 1975 Addenda

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: _____ N/A

Certificate of Authorization No.: _____ N/A Expiration Date: _____ N/A

Signed: Asia O. Jerkins Asia O. Jerkins, Maintenance Spt. Support Date: 7/12/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/09/10 to 7/13/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature] Commissions: GA 827
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 1, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: P17 - 2090250901
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A

4. Identification of System: TPNS: Q2P17-HBC-255 (PIPING/SUPPORT FOR CCW SYSTEM)

5. (a) Applicable Construction Code: Section III, 1971 Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
2" weld #24 dwg D-519953	FNP	Q2P17HBC255	N/A	PO: WO# 20406	1987	REMOVED	NO
Support	FNP	SS-16044	N/A	PO: WO# 20406	1987	REMOVED	NO
2" weld #24F	FNP	Q2P17HBC255	N/A	PO: 20290250901	2009	INSTALLED	NO
Support	FNP	SS-16044	N/A	PO: 20290250901	2009	INSTALLED	NO

7. Description of Work: Removed and reinstalled piping/supports/interferences to support Chg Pump replacement

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Existing pipe/supports were reinstalled per codes ASME 1971sec. III class 3 and AISC 1969 ed.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

6/22/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 2/05/09 to 7/02/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/02/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 1, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P17 - 2090436701
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2P17V0006C (CCW Heat Exchanger 2C Jacket Relief Valve)
5. (a) Applicable Construction Code: Section III, 1971 Edition, Thru Wntr 1971 Addenda, 1555, 1574 Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Relief Valve	J.E. Lonergan Co.	7901110-2-1	N/A	PO: FNP2-1390	1981	Removed	YES
Inlet Studs (qty:4)	Unknown	Unknown	N/A	Unknown	UNK	Removed	NO
Inlet nuts (qty:8)	Unknown	Unknown	N/A	Unknown	UNK	Removed	NO
Relief Valve	erson Greenwood Cr	HT# N99846-00-0005	N/A	PO:QP081059	2009	INSTALLED	YES
Inlet Studs (qty:4)	Nova Machine Prod.	HT# GX4	N/A	PO:QP1174	1986	INSTALLED	NO
Inlet nuts (qty:8)	Nova Machine	HT# B87035	N/A	PO:QP060302	2000	INSTALLED	NO

7. Description of Work: Removed relief valve, nuts, and studs, and replaced with new valve, studs and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks FNP Piping Spec. SS110902 allows a construction code of ASME sec. III, 1971 edition thru 2000 edition/Addenda

Applicable Manufacturer's Data Reports to be attached

The Original Construction Relief valve is of ASME sec. III 1971, thru Winter 1971 Addenda class 3, 1555, 1574 code case.

The Removed relief valve is ASME sec. III, 1971 edition thru Winter 1971 class 2 Addenda and Code Cases 1555, 1574.

The Relief valve installed is ASME sec. III, 1974 edition thru Summer 1975 Addenda class 3.

Studs were removed of unknown construction code and were replaced with studs of ASME sec. III, 1971 edition thru Winter 1972 Addenda

Nuts were removed of unknown construction code and were replaced with nuts of ASME sec. III, 1983 edition thru Winter 1983 Addenda.

(component Line class is ASME sec. III class 3)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: _____ N/A

Certificate of Authorization No.: _____ N/A Expiration Date: _____ N/A

Signed: Asia O. Jenkins, Maintenance Spt, Support Date: 7/12/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 1/15/10 to 7/13/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

Inspector's Signature Commissions: GA 827 ADN
National Board, State, Province, and Endorsements

Date: 7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co.
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

Date: May 26, 2010

Sheet: 1 of 2

2. Plant: Joseph M. Farley Nuclear Plant (FNP)
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

Unit: FNP Unit 2

Work Order No.: P16 - 2090694102

Repair/Replacement Organization PO No, Job No, etc.

3. Work Performed By: FNP Maintenance Department
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

Type Code Symbol Stamp: N/A

Authorization No.: N/A

Expiration Date: N/A

4. Identification of System: TPNS: Q2P16-HBC-29-137 (1" drain line in Service Water System upstream of Q2P16V252A) ASME class 3

5. (a) Applicable Construction Code: Section III, 1971 Edition, Summer 1971 Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
2" sockolet	WFI Nucur Prod.	HT# 3146ANB1	N/A	PO: QP090317	2009	Installed	No
2"x1" Reducing Insert	Bonney Forge	LOT# 9215	N/A	PO: QP090309	2008	Installed	No

7. Description of Work: Replaced 1" sockolet with a 2" sockolet and 2"x1" reducer insert due to corrosion

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

This change was implemented under MDC 209069401. A 1" sockolet (SA-105) was "replaced" with a 2" sockolet and a 2"X1" reducer insert. The sockolet was placed over the existing 1" sockolet. The 12" line this is in is SA-106B material and is class 3. Piping Specification SS1109-02 allows the following code years for this class of pipe: ASME sec. II, 1971 Edition thru 2000 Edition/ADD The 2" sockolet is ASME Sec. III class 2, 1983 Edition thru Summer 1984 Addenda. The 2"X1" socket weld reducing insert is ASME Sec. III class 3 1998 Ed. Thru 2000 Addenda.

Ref. Trans No. 154695 and 154697

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: Asia O. Jerkins Asia O. Jerkins, Maintenance Spt, Support Date: 7/12/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/20/10 to 7/13/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

Inspector's Signature: [Signature] Commissions: GA 827 AIN
National Board, State, Province, and Endorsements

Date: 7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 1, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - 2090695701
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V0011A (CTMT COOLR SRV WATER INLET RELIEF VALVE)
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 1971 Addenda, 1555 & 1574 Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Relief Valve	Lonergan	210289-5-1	N/A	PO: FNP2-51	1978	REMOVED	YES
Relief Valve	Crosby	N99904-00-0004	N/A	PO: QP071026	2008	INSTALLED	YES

7. Description of Work: Replaced relief valve due to water leakage pass the seat
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks The Lonergan relief valve was replaced with a Crosby relief valve per Equivalent Determination - 2071240901

Applicable Manufacturer's Data Reports to be attached

The relief valve change was implemented per WO2090695701. Relief valve (Lonergan serial 210289-5-1) with Construction code ASME sec III class 3, 1971 Winter 1971 ADDENDA CODE CASE 1555 & 1574 was replaced with 'relief valve (Crosby N99904-00-0004) ASME sec III class 2, 1974 Summer 1975 ADDENDA.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jerkins, Maintenance Spt, Support

Date:

6/28/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

3/19/09

to

7/08/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 822 AIN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16- 2090989403
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V216J - HCC-39 SW SUPP 2B CTMT CLR DRN
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71" Addenda, NO Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Consolidate Pipe	26963	N/A	PO:7047Q62575	1974	Removed	NO
ELBOW	Ladish	ZF2B	N/A	PO:7047Q62656	1973	Removed	NO
VALVE	McWilliams Forge	DA15-24	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO:QP090740	2009	Installed	NO
ELBOW	Bonney Forge	44012	N/A	PO:QP090059	2006	Installed	NO
VALVE	BNL	A070603-1-12	N/A	PO:QP070675	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216J and associated pipe/fitting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177010 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

[Signature]

Asia O. Jerkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

GEORGIA

and employed by

HSB CT

of

HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

7/23/10

to

7/13/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Work Order No.: P16- 2090989404
Repair/Replacement Organization PO No, Job No, etc.

3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Authorization No.: N/A
 Expiration Date: N/A

4. Identification of System: TPNS: Q2P16V216K - HCC-29 SW SUPP 2B CTMT CLR DRN

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71" Addenda, NO Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Consolidate Pipe	26963	N/A	PO:7047Q62575	1974	Removed	NO
ELBOW	Ladish	ZF2B	N/A	PO:7047Q62656	1973	Removed	NO
VALVE	McWilliams Forge	DA15-25	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO:QP090740	2009	Installed	NO
ELBOW	Bonney Forge	44012	N/A	PO:QP090059	2006	Installed	NO
VALVE	BNL	A070809-1-34	N/A	PO:QP070775	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216K and associated pipe/fitting

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177016 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

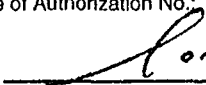
Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:



Asla O. Jerkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

2/29/10

to

7/13/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co.
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP)
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

Date: June 22, 2010

Sheet: 1 of 2

Unit: FNP Unit 2

Work Order No.: P16- 2090989405

Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A

Authorization No.: N/A

Expiration Date: N/A

4. Identification of System: TPNS: Q2P16V216L - HCC-39 SW SUPP 2B CTMT CLR DRN
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71* Addenda, NO Code Case
Year
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
- (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Consolidate Pipe	26963	N/A	PO:7047Q62575	1974	Removed	NO
ELBOW	Ladish	ZF2B	N/A	PO:7047Q62656	1973	Removed	NO
VALVE	McWilliams Forge	DX5-18	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO:QP090740	2009	Installed	NO
ELBOW	Bonney Forge	44012	N/A	PO:QP090059	2006	Installed	NO
VALVE	BNL	A070809-1-52	N/A	PO:QP070775	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216L and associated pipe/fitting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
- Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177012 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 2/23/10 to 7/13/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 AIN
National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16- 2090989406
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V216M - HCC-29 SW SUPP 2B CTMT CLR DRN
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71" Addenda, NO Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Consolidate Pipe	26963	N/A	PO:7047Q62575	1974	Removed	NO
VALVE	McWilliams Forge	DX11-16	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO:QP090740	2009	Installed	NO
VALVE	BNL	A070809-1-58	N/A	PO:QP070775	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216M and associated pipe
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177000 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

GEORGIA

and employed by

HSB CT

of

HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

7/23/10

to

7/13/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 ASN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16- 2090989407
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V216O - HCC-29 SW SUPP 2B CTMT CLR DRN
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71" Addenda, NO Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Consolidate Pipe	26963	N/A	PO:7047Q62575	1974	Removed	NO
ELBOW	Ladish	ZF2B	N/A	PO:7047Q62656	1973	Removed	NO
VALVE	McWilliams Forge	CS1-24	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO:QP090740	2009	Installed	NO
ELBOW	Bonney Forge	44012	N/A	PO:QP090059	2006	Installed	NO
VALVE	BNL	A070809-1-32	N/A	PO:QP070775	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216L and associated pipe/fitting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177018 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

CONNECTICUT

and employed by

HSB

CT

of

HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

2/23/10

to

7/13/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: P16- 2090989408
Address Repair/Replacement Organization PO No, Job No, etc.
Type Code Symbol Stamp: N/A
3. Work Performed By: FNP Maintenance Department Authorization No.: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319 Expiration Date: N/A
Address
4. Identification of System: TPNS: Q2P16V216P - HCC-39 SW SUPP 2B CTMT CLR DRN
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71" Addenda, NO Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Consolidate Pipe	26963	N/A	PO:7047Q62575	1974	Removed	NO
ELBOW	Ladish	ZF2B	N/A	PO:7047Q62656	1973	Removed	NO
VALVE	McWilliams Forge	JN2-24	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO:QP090740	2009	Installed	NO
ELBOW	Bonney Forge	44012	N/A	PO:QP090059	2006	Installed	NO
VALVE	BNL	A070809-1-76	N/A	PO:QP070775	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216P and associated pipe/fitting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177009 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

[Signature]

Asia O. Jerkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 7/23/10 to 7/13/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: P16- 2090989420
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A

4. Identification of System: TPNS: Q2P16V216H - HCC-39 SW SUPP 2A CTMT CLR DRN

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71* Addenda, NO Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Consolidate Pipe	26963	N/A	PO:7047Q62575	1974	Removed	NO
ELBOW	Ladish	ZF2B	N/A	PO:7047Q62656	1973	Removed	NO
VALVE	McWilliams Forge	CS12-22	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO:QP090740	2009	Installed	NO
ELBOW	Bonney Forge	44012	N/A	PO:QP090059	2006	Installed	NO
VALVE	BNL	A070809-1-63	N/A	PO:QP070775	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216H and associated pipe/fitting

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177007 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jerkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HBB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 2/23/10 to 7/13/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 21, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: P16- 2090989421
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A

4. Identification of System: TPNS: Q2P16V216I - HCC-29 SW SUPP 2B CTMT CLR DRN

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71** Addenda, NO Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Consolidate Pipe	26963	N/A	PO:7047Q62575	1974	Removed	NO
ELBOW	Ladish	ZF2B	N/A	PO:7047Q62656	1973	Removed	NO
VALVE	McWilliams Forge	DA6-24	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO:QP090740	2009	Installed	NO
ELBOW	Bonney Forge	44012	N/A	PO:QP090059	2006	Installed	NO
VALVE	BNL	A070809-1-50	N/A	PO:QP070775	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216I and associated pipe/fitting

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177023 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CONNECTICUT and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 2/23/10 to 7/13/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA827 AIN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Work Order No.: P16- 2090989422
Repair/Replacement Organization PO No, Job No, etc.

3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Authorization No.: N/A
 Expiration Date: N/A

4. Identification of System: TPNS: Q2P16V216N - HCC-39 SW SUPP 2B CTMT CLR DRN

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71" Addenda, NO Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Consolidate Pipe	26963	N/A	PO:7047Q62575	1974	Removed	NO
ELBOW	Ladish	ZF2B	N/A	PO:7047Q62656	1973	Removed	NO
VALVE	McWilliams Forge	DX12-24	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO:QP090740	2009	Installed	NO
ELBOW	Bonney Forge	44012	N/A	PO:QP090059	2006	Installed	NO
VALVE	BNL	A070809-1-11	N/A	PO:QP070775	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216N and associated pipe/fitting

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177013 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

 Asia O. Jerkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

2/23/10

to

7/13/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Work Order No.: P16- 2090989451
Repair/Replacement Organization PO No, Job No, etc.
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V216F - HCC-39 SW SUPP 2A CTMT CLR DRN
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71" Addenda, NO Code Case
Year
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
- (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Consolidate Pipe	26963	N/A	PO:7047Q62575	1974	Removed	NO
ELBOW	Ladish	ZF2B	N/A	PO:7047Q62656	1973	Removed	NO
VALVE	McWilliams Forge	CS12-16	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	513912	N/A	PO:QP080626	2009	Installed	NO
ELBOW	Bonney Forge	44012	N/A	PO:QP091051	2006	Installed	NO
VALVE	BNL	A070809-1-33	N/A	PO:QP070775	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216F and associated pipe/fitting
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177831 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

3/18/10

to

7/13/10

, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: P16- 2090989452
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A

4. Identification of System: TPNS: Q2P16V216G - HCC-29 SW SUPP 2A CTMT CLR DRN

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 71" Addenda, NO Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	Unknown	Unknown	N/A	Unknown	Unk	Unknown	NO
VALVE	McWilliams Forge	CS12-18	N/A	PO:FNP2-55	1975	Removed	YES
PIPE	Sandvik	513912	N/A	PO:QP080626	2007	Installed	NO
VALVE	BNL	A070809-1-7	N/A	PO:QP070775	2007	Installed	YES

7. Description of Work: Cut out Valve Q2P16V216G and associated pipe/fitting

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 177827 for issuance of new parts.

This work was completed under MDC 2090989401.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 3/18/10 to 7/13/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 ATN
National Board, State, Province, and Endorsements

Date:

7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 21, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P17 - 2091281601
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2P17SNUBBCCWBR12 COMPONENT COOLING WATER SYSTEM, ASME CLASS 3
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
- (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWBR12	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37729	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCW-BR12 was replaced as a scheduled upgrade Ref: Transaction # 178319
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178319

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

CONNECTICUT

and employed by

ASB CT

of

HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

4/09/10

to

7/08/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

Inspector's Signature

Commissions:

6A 827 AIN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 21, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
Sheet: 1 of 2
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
Work Order No.: E13-2091281701
Repair/Replacement Organization PO No, Job No, etc.
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2E13SNUBBCSR310A CONTAINMENT SPRAY SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	20777	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37755	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CSR-310A was replaced as a scheduled upgrade Ref: Transaction # 178329
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092050401

Ref: Transaction # 178329

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

GEORGIA

and employed by

HSB CT

of

HARTFORD

CT

have inspected the components described in this

Owner's Report during the period

4/09/10

to

7/08/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 822 ASN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 20, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: E21- 2091281801
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
 Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A
 Authorization No.: N/A
 Expiration Date: N/A

4. Identification of System: TPNS: Q2E21SNUBBCVCR693 CHEMICAL VOLUME CONTROL SYSTEM, ASME CLASS 1

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CVCR693	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37752	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CVC-R693 was replaced as a scheduled upgrade Ref: Transaction # 178328

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092099701

Ref: Transaction # 178328

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

4/13/10

to

7/08/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 20, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: E11- 2091282001
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
 Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A
 Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2E11SNUBBRHR102 RESIDUAL HEAT REMOVAL SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2RHR102	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37750	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2RHR-102 was replaced as a scheduled upgrade Ref: Transaction # 178330

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092533401ED

Ref: Transaction # 178330

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Supv. Support

Date:

4/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA and employed by HSB of

of HARTFORD

have inspected the components described in this

Owner's Report during the period 4/13/10 to 7/08/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner:	Southern Nuclear Operating Co.	Date:	April 5, 2010
	<i>Name</i>		
	40 Inverness Center Parkway; Birmingham, AL 35242	Sheet:	1 of 2
	<i>Address</i>		
2. Plant:	Joseph M. Farley Nuclear Plant (FNP)	Unit:	FNP Unit 2
	<i>Name</i>		
	7388 North State Hwy 95; Columbia, AL 36319	Work Order No.:	E11- 2091282101
	<i>Address</i>		<i>Repair/Replacement Organization PO No, Job No, etc.</i>
3. Work Performed By:	FNP Maintenance Department	Type Code Symbol Stamp:	N/A
	<i>Name</i>		
	7388 North State Hwy 95; Columbia, AL 36319	Authorization No.:	N/A
	<i>Address</i>		
		Expiration Date:	N/A
4. Identification of System:	TPNS: Q2E11SNUBBRHR116A RESIDUAL HEAT REMOVAL SYSTEM, ASME CLASS 2		
5. (a) Applicable Construction Code:	See Remarks	N/A Edition,	N/A Addenda,
		Year	N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity:	2001	Addenda:	2003
	Year		
(c) Applicable Section XI Code Case(s):	N/A		

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2RHR116	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37730	N/A	QP090698	2009	Installed	NO

7. Description of Work:	Snubber 2RHR-116A was replaced as a scheduled upgrade Ref: Transaction # 178320		
8. Tests Conducted:	Hydrostatic <input type="checkbox"/>	Pneumatic <input type="checkbox"/>	Nominal Operating Pressure <input type="checkbox"/>
	Exempt <input checked="" type="checkbox"/>		
	Other <input type="checkbox"/>	Pressure: _____ psi	Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092533401

Ref: Transaction # 176320

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins

Asia O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

GEORGIA

and employed by

HSB CT

of

WATERBURY, CT

have inspected the components described in this

Owner's Report during the period

4/04/10

to

7/07/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 ANN

National Board, State, Province, and Endorsements

Date:

7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 21, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Work Order No.: E11 - 2091282201
Repair/Replacement Organization PO No, Job No, etc.

3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Authorization No.: N/A
Expiration Date: N/A

4. Identification of System: TPNS: Q2E11SNUBBSSRHR89 RESIDUAL HEAT REMOVAL SYSTEM, ASME CLASS 1

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2RH-R89	N/A	FNP-2-29	1978	Removed	No
Hydraulic Snubber	ANVIL	37748	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2RH-R89 was replaced as a scheduled upgrade Ref: Transaction # 180341

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86

Reference equivalency determination C092533401

Ref: Transaction # 180341

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

[Signature]

Asia O. Jenkins, Maintenance Spt, Support

Date:

6/25/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

GEORGIA

and employed by

HSB CS

of

HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

4/04/10

to

7/07/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AEW

National Board, State, Province, and Endorsements

Date:

7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 20, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Sheet: 1 of 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

Work Order No.: E11- 2091282301
 Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A

Authorization No.: N/A
 Expiration Date: N/A

4. Identification of System: TPNS: Q2E11SNUBBRHRR8A RESIDUAL HEAT REMOVAL SYSTEM, ASME CLASS 2

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2RHRR8	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37731	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2RHRR8A was replaced as a scheduled upgrade Ref: Transaction # 178321

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092533401

Ref: Transaction # 178321

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by H&B CI

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

4/13/10

to

7/08/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827 ASN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 20, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: E11- 2091282501
Address Repair/Replacement Organization PO No, Job No, etc.
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319 Authorization No.: N/A
Address Expiration Date: N/A

4. Identification of System: TPNS: Q2E11SNUBBSIR105 SAFETY INJECTION SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	19172	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	37751	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2SIR-105 was replaced as a scheduled upgrade Ref: Transaction # 180339
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C101300501

Ref: Transaction # 180339

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 4/13/10 to 7/08/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

Inspector's Signature

Commissions:

6A 827 AFN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 21, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: E11- 2091282601
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A

4. Identification of System: TPNS: Q2E11SNUBBSIR126 SAFETY INJECTION SYSTEM, ASME CLASS 2

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	19175	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	37747	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber SIR126 was replaced as a scheduled upgrade Ref: Transaction # 178335

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C101300501ED

Ref: Transaction # 178335

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

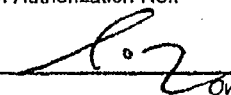
Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:



Asia O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by H&B CT

of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/13/10 to 7/08/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 ABV

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 24, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Work Order No.: E21- 2091282701
Address Repair/Replacement Organization PO No, Job No, etc.
 3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS:Q2E21SNUBBSIR178 SAFETY INJECTION SYSTEM, ASME CLASS 1
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SI-R178	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37945	N/A	QP091163	2009	Installed	NO
Upgrade Kit							
Tie Rod	ITT GRINNELL	QP04820000	N/A	QP0482	1985	Installed	NO
Tie Rod Nut	ITT GRINNELL	RF860157000	N/A	23612	1983	Installed	NO

7. Description of Work: Snubber 2SIR-178 was rebuilt and upgraded Tie rod and nut were damaged during overhaul and replaced ref transaction 181616 and 182620 ,182680
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C101300501

Ref: Transaction # 181616 and 182620,182680

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: Asia O. Jerkins, Supv. Support Date: 6/21/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HBB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/14/10 to 7/07/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

Inspector's Signature Commissions: GA 827 AIN
National Board, State, Province, and Endorsements

Date: 7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>April 21, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>E11- 2091282901</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
<p>4. Identification of System: <u>TPNS: Q2E11SNUBBSIR128 SAFETY INJECTION SYSTEM, ASME CLASS 2</u></p>	
<p>5. (a) Applicable Construction Code: <u>See Remarks</u>, <u>N/A</u> Edition, <u>N/A</u> Addenda, <u>N/A</u> Code Case <i>Year</i></p> <p>(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>2001</u> Addenda: <u>2003</u> <i>Year</i></p> <p>(c) Applicable Section XI Code Case(s): <u>N/A</u></p>	

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SIR128	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37773	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2SIR-128 was replaced as a scheduled upgrade Ref: Transaction # 181638

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psf Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C101300501

Ref: Transaction # 181638

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: Asla O. Jerkins, Supv. Support Date: 6/24/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CONNECTICUT and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/17/10 to 7/08/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature] Commissions: GA 827 ASW
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co.

Date: April 21, 2010

Name

40 Inveness Center Parkway, Birmingham, AL 35242

Sheet: 1 of 2

Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP)

Unit: FNP Unit 2

Name

7388 North State Hwy 95, Columbia, AL 36319

Work Order No.: P16 - 2091283001

Address

Repair/Replacement Organization PO No, Job No, etc.

3. Work Performed By: FNP Maintenance Department

Type Code Symbol Stamp: N/A

Name

7388 North State Hwy 95, Columbia, AL 36319

Authorization No.: N/A

Address

Expiration Date: N/A

4. Identification of System: TPNS: Q2P16SNU8BSWBR11A SERVICE WATER SYSTEM, ASME CLASS 3

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SWBR11	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37723	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2SW-BR11A was replaced as a scheduled upgrade Ref: Transaction # 178691

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092570501

Ref: Transaction # 178691

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jerkins, Supv. Support

Date:

4/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

4/16/10

to

7/08/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 822 AIA

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>April 21, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>P16 - 2091283101</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
<p>4. Identification of System: <u>TPNS: Q2P16SNUBBSWR521B SERVICE WATER SYSTEM, ASME CLASS 3</u></p>	
<p>5. (a) Applicable Construction Code: <u>See Remarks</u>, <u>N/A</u> Edition, <u>N/A</u> Addenda, <u>N/A</u> Code Case <i>Year</i></p> <p>(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>2001</u> Addenda: <u>2003</u> <i>Year</i></p> <p>(c) Applicable Section XI Code Case(s): <u>N/A</u></p>	

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SWR521	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37724	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2SW-R521B was replaced as a scheduled upgrade Ref: Transaction # 178685

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092570501

Ref: Transaction # 178685

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: Asla O. Jerkins, Supv. Support Date: 6/21/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/09/10 to 7/07/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions: GA 827 AIN
National Board, State, Province, and Endorsements

Date: 7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>March 15, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>P17 - 2091285301</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
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4. Identification of System: TPNS: Q2P17SNUBBCCWBR26 COMPONENT COOLING WATER SYSTEM, ASME CLASS 3

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWBR26	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37742	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCWBR26 was replaced as a scheduled upgrade Ref: Transaction # 178282

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178282

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

[Signature]

Asla O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/15/10 to 7/07/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: March 15, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: P17 - 2091285601
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A

4. Identification of System: TPNS: Q2P17SNUBBCCWH54A COMPONENT COOLING WATER SYSTEM, ASME CLASS 3

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWH54	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37741	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCW-H54A was replaced as a scheduled upgrade Ref: Transaction # 178317

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178317

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by H&B CI

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

3/18/10

to

7/02/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 ATN

National Board, State, Province, and Endorsements

Date:

7/02/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner:	<u>Southern Nuclear Operating Co.</u> Name <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> Address	Date:	<u>March 15, 2010</u>
2. Plant:	<u>Joseph M. Farley Nuclear Plant (FNP)</u> Name <u>7388 North State Hwy 95; Columbia, AL 36319</u> Address	Sheet:	<u>1</u> of <u>2</u>
3. Work Performed By:	<u>FNP Maintenance Department</u> Name <u>7388 North State Hwy 95; Columbia, AL 36319</u> Address	Unit:	<u>FNP Unit 2</u>
		Work Order No.:	<u>P17 - 2091285801</u>
		Repair/Replacement Organization PO No, Job No, etc.	<u>N/A</u>
		Type Code Symbol Stamp:	<u>N/A</u>
		Authorization No.:	<u>N/A</u>
		Expiration Date:	<u>N/A</u>

4. Identification of System: TPNS: Q2P17SNUBBCCWH54B COMPONENT COOLING WATER SYSTEM, ASME CLASS 3

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWH54	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37733	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCW-H54B was replaced as a scheduled upgrade Ref: Transaction # 178278

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178278

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins

Asia O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/15/10 to 7/08/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>March 26, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>P17 - 2091285901</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
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4. Identification of System: TPNS:Q2P17SNUBBCCWH58A COMPONENT COOLING WATER SYSTEM, ASME CLASS 3

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWH58	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37722	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCW-H58A was replaced as a scheduled upgrade Ref: Transaction # 178517

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178517

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA and employed by HSB CT

of HARTFORD CT have inspected the components described in this

Owner's Report during the period 3/25/10 to 7/07/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co.

Name

40 Inveness Center Parkway; Birmingham, AL 35242

Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP)

Name

7388 North State Hwy 95; Columbia, AL 36319

Address

3. Work Performed By: FNP Maintenance Department

Name

7388 North State Hwy 95; Columbia, AL 36319

Address

Date: March 22, 2010

Sheet: 1 of 2

Unit: FNP Unit 2

Work Order No.: P17 - 2091286001

Repair/Replacement Organization PO No, Job No, etc.

Type Code Symbol Stamp: N/A

Authorization No.: N/A

Expiration Date: N/A

4. Identification of System: TPNS: Q2P17SNUBBCCWR149A COMPONENT COOLING WATER SYSTEM, ASME CLASS 3

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWR149	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37725	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCW-R149A was replaced as a scheduled upgrade Ref: Transaction # 178515

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178515

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

[Signature]

Asla O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

Connecticut

and employed by

HEB CT

of

Hartford, CT

have inspected the components described in this

Owner's Report during the period

3/22/10

to

7/06/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 807 AEN

National Board, State, Province, and Endorsements

Date:

7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>March 18, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>P17 - 2091286101</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
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4. Identification of System: TPNS: Q2P17SNUBBCCWR206 COMPONENT COOLING WATER SYSTEM, ASME CLASS 3

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWR206	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37738	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCW-R206 was replaced as a scheduled upgrade Ref: Transaction # 178312

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178312

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: _____ N/A

Certificate of Authorization No.: _____ N/A Expiration Date: _____ N/A

Signed: Asla O. Jerkins, Supv. Support Date: 6/21/00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/18/10 to 7/06/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

Inspector's Signature: [Signature] Commissions: GA 827 ATN
National Board, State, Province, and Endorsements
Date: 7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co.Name40 Inverness Center Parkway; Birmingham, AL 35242AddressDate: March 12, 2010Sheet: 1 of 22. Plant: Joseph M. Farley Nuclear Plant (FNP)Name7388 North State Hwy 95; Columbia, AL 36319AddressUnit: FNP Unit 2Work Order No.: P17 - 2091286301Repair/Replacement Organization PO No, Job No, etc.3. Work Performed By: FNP Maintenance DepartmentName7388 North State Hwy 95; Columbia, AL 36319AddressType Code Symbol Stamp: N/AAuthorization No.: N/AExpiration Date: N/A4. Identification of System: TPNS: Q2P17SNUBBCCWR212A COMPONENT COOLING WATER SYSTEM, ASME CLASS 35. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWR212	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37734	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCWR-212A was replaced as a scheduled upgrade Ref: Transaction # 1782838. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178283

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins

Asia O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HBB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

3/12/10

to

7/07/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

Inspector's Signature

Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: March 12, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: P17 - 2091286601
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A

4. Identification of System: TPNS: Q2P17SNUBBCCWR212B COMPONENT COOLING WATER SYSTEM, ASME CLASS 3

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWR212	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37739	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCW-R212B was replaced as a scheduled upgrade Ref: Transaction # 178284

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178284

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jerkins

Asla O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 3/12/10 to 7/08/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA-827 AIN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: March 28, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P17 - 2091289701
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS:Q2P17SNUBBCCWR245B COMPONENT COOLING WATER SYSTEM, ASME CLASS 3
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	21855	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37746	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCW-R245B was replaced as a scheduled upgrade Ref: Transaction # 178334

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178334

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: Asia O. Jenkins, Supv. Support Date: 6/21/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/28/10 to 7/06/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature] Commissions: GA 827 AGN
Inspector's Signature National Board, State, Province, and Endorsements
Date: 7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner:	<u>Southern Nuclear Operating Co.</u> Name <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> Address	Date:	<u>March 17, 2010</u>
2. Plant:	<u>Joseph M. Farley Nuclear Plant (FNP)</u> Name <u>7388 North State Hwy 95; Columbia, AL 36319</u> Address	Sheet:	<u>1</u> of <u>2</u>
3. Work Performed By:	<u>FNP Maintenance Department</u> Name <u>7388 North State Hwy 95; Columbia, AL 36319</u> Address	Unit:	<u>FNP Unit 2</u>
		Work Order No.:	<u>E13- 2091290001</u>
		Repair/Replacement Organization PO No, Job No, etc.	<u></u>
		Type Code Symbol Stamp:	<u>N/A</u>
		Authorization No.:	<u>N/A</u>
		Expiration Date:	<u>N/A</u>

4. Identification of System: TPNS: Q2E13SNUBBCSR314 CONTAINMENT SPRAY SYSTEM, ASME CLASS 2

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	20636	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37774	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CSR-314 was replaced as a scheduled upgrade Ref: Transaction # 178331

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092050401

Ref: Transaction # 178331

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: Asia O. Jenkins, Supv. Support Date: 8/21/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/17/10 to 7/07/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

Inspector's Signature: [Signature] Commissions: GA 902 REN
National Board, State, Province, and Endorsements

Date: 7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co.

Name

40 Inverness Center Parkway; Birmingham, AL 35242

Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP)

Name

7388 North State Hwy 95; Columbia, AL 36319

Address

3. Work Performed By: FNP Maintenance Department

Name

7388 North State Hwy 95; Columbia, AL 36319

Address

Date: March 28, 2010

Sheet: 1 of 2

Unit: FNP Unit 2

Work Order No.: E13- 2091290201

Repair/Replacement Organization PO No, Job No, etc.

Type Code Symbol Stamp: N/A

Authorization No.: N/A

Expiration Date: N/A

4. Identification of System: TPNS: Q2E13SNUBBCSR327 CONTAINMENT SPRAY SYSTEM, ASME CLASS 2

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CSR327	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37765	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CSR-327 was replaced as a scheduled upgrade Ref: Transaction # 178332

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092050401

Ref: Transaction # 178332

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jerkins

Asla O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Connecticut and employed by HSB CT

of Hartford, CT have inspected the components described in this Owner's Report during the period 2/28/10 to 7/06/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

6th 827 ABN

National Board, State, Province, and Endorsements

Date:

7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 21, 2010
Name
40 Inverness Center Parkway, Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95, Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: E21- 2091290301
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95, Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A

4. Identification of System: TPNS:Q2E21SNUBBCVCR660 CHEMICAL VOLUME CONTROL SYSTEM, ASME CLASS 1

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CVCR660	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37745	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CVC-R660 was replaced as a scheduled upgrade. Ref: Transaction # 1788325

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092099701

Ref: Transaction # 178325

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 4/13/10 to 7/08/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>April 20, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>E21- 2091290401</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
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4. Identification of System: TPNS:Q2E21SNUBBCVCR661 CHEMICAL VOLUME CONTROL SYSTEM, ASME CLASS 1

5. (a) Applicable Construction Code: See Remarks , N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CVCR661	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37744	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CVC-R661 was replaced as a scheduled upgrade Ref: Transaction # 178326

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092099701

Ref: Transaction # 178326

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:



Asia O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/13/10 to 7/07/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 21, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: E21- 2091290501
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS:Q2E21SNUBBCVCR662 CHEMICAL VOLUME CONTROL SYSTEM, ASME CLASS 1
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CVCR662	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37770	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CVC-R662 was replaced as a scheduled upgrade Ref: Transaction # 178693
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092099701

Ref: Transaction # 178693

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

[Signature]

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/13/10 to 7/06/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co.

Name

40 Inverness Center Parkway; Birmingham, AL 35242

Address

Date: March 19, 2010

Sheet: 1 of 2

2. Plant: Joseph M. Farley Nuclear Plant (FNP)

Name

7388 North State Hwy 95; Columbia, AL 36319

Address

Unit: FNP Unit 2

Work Order No.: E21- 2091291801

Repair/Replacement Organization PO No, Job No, etc.

3. Work Performed By: FNP Maintenance Department

Name

7388 North State Hwy 95; Columbia, AL 36319

Address

Type Code Symbol Stamp: N/A

Authorization No.: N/A

Expiration Date: N/A

4. Identification of System: TPNS:Q2E21SNUBBCVCR813 CHEMICAL VOLUME CONTROL SYSTEM, ASME CLASS 2

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CVCR813	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37778	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CVC-R813 was replaced as a scheduled upgrade Ref: Transaction # 178270

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092099701

Ref: Transaction # 178270

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by ASB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/18/10 to 7/06/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827 ASN

National Board, State, Province, and Endorsements

Date:

7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: March 14, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: N11- 2091291901
Address Repair/Replacement Organization PO No, Job No, etc.
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name Authorization No.: N/A
7388 North State Hwy 95; Columbia, AL 36319 Expiration Date: N/A
Address

4. Identification of System: TPNS: Q2N11SNUBBMSR813 MAIN STEAM SYSTEM, ASME CLASS 2

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2MSR813	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37772	N/A	QF090698	2009	Installed	NO

7. Description of Work: Snubber 2MSR-813 was replaced as a scheduled upgrade Ref: Transaction # 178695

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092165101

Ref. Transaction # 178695

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

[Signature]

Asia O. Jenkins, Supv. Support

Date:

6/21/10

Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HBB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/29/10 to 7/08/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 ASW

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: <u>Southern Nuclear Operating Co.</u> <div style="text-align: center;"><i>Name</i></div> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <div style="text-align: center;"><i>Address</i></div>	Date: <u>April 22, 2010</u> <hr/> Sheet: <u>1</u> of <u>2</u> <hr/> Unit: <u>FNP Unit 2</u> <hr/> Work Order No.: <u>P17 - 2091328301</u> <hr/> Repair/Replacement Organization PO No, Job No, etc. Type Code Symbol Stamp: <u>N/A</u> <hr/> Authorization No.: <u>N/A</u> <hr/> Expiration Date: <u>N/A</u> <hr/>
2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <div style="text-align: center;"><i>Name</i></div> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <div style="text-align: center;"><i>Address</i></div>	
3. Work Performed By: <u>FNP Maintenance Department</u> <div style="text-align: center;"><i>Name</i></div> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <div style="text-align: center;"><i>Address</i></div>	
4. Identification of System: <u>TPNS: Q2P17SNUBBCCWH47 COMPONENT COOLING WATER SYSTEM, ASME CLASS 3</u> <hr/>	
5. (a) Applicable Construction Code: <u>See Remarks</u> , <u>N/A</u> Edition, <u>N/A</u> Addenda, <u>N/A</u> Code Case <div style="text-align: center;"><i>Year</i></div> (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>2001</u> Addenda: <u>2003</u> <div style="text-align: center;"><i>Year</i></div> (c) Applicable Section XI Code Case(s): <u>N/A</u> <hr/>	

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	24134	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37732	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCW-H47 was replaced as a scheduled upgrade Ref: Transaction # 178280

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178280

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CONNECTICUT and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 3/26/10 to 7/08/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

NA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: E11- 2091328501
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
 Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A
 Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2E11SNUBBRHRR132 RESIDUAL HEAT REMOVAL SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2RHRR132	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37771	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2RHRR-132 was replaced as a scheduled upgrade Ref: Transaction # 178333
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092533401

Ref: Transaction # 178333

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

ASL

Asla O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/22/10 to 7/07/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AEW

National Board, State, Province, and Endorsements

Date:

7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>April 22, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>B13- 2091328601</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
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4. Identification of System: TPNS: Q2B13SNUBBRCR24 REACTOR COOLANT SYSTEM, ASME CLASS 1

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	21591	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37780	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2RC-R24 was replaced as a scheduled upgrade Ref: Transaction # 178698

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092313201

Ref: Transaction # 178698

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/16/10 to 7/08/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Name</i> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Name</i> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Name</i> <i>Address</i></p>	<p>Date: <u>April 29, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>E11- 2091328801</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
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4. Identification of System: TPNS: Q2E11SNUBBSIR127 SAFETY INJECTION SYSTEM, ASME CLASS 2

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SIR-127	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37779	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2SIR-127 was replaced as a scheduled upgrade Ref: Transaction # 178699

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C101300501ED

Ref: Transaction # 178699

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Supv. Support

Date:

6/01/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CONNECTICUT and employed by HSB CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 3/19/10 to 7/08/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 AEN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>April 12, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>E11-2091328901</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
<p>4. Identification of System: <u>TPNS: Q2E11SNUBBSIR125 SAFETY INJECTION SYSTEM, ASME CLASS 2</u></p>	
<p>5. (a) Applicable Construction Code: <u>See Remarks</u>, <u>N/A</u> Edition, <u>N/A</u> Addenda, <u>N/A</u> Code Case <i>Year</i></p> <p>(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>2001</u> Addenda: <u>2003</u> <i>Year</i></p> <p>(c) Applicable Section XI Code Case(s): <u>N/A</u></p>	

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	24161	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37764	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2SI-R125 was replaced as a scheduled upgrade Ref: Transaction # 178701

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C101300501ED

Ref: Transaction # 178701

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins

Asia O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CONNECTICUT and employed by H&B CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 3/23/10 to 7/08/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: E11- 2091329201
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
 Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A
 Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2E11SNUBBRHR104 RESIDUAL HEAT REMOVAL SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2RH-R104	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37767	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2RHR-104 was replaced as a scheduled upgrade Ref: Transaction # 178704
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092533401

Ref: Transaction # 178704

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/16/10 to 7/06/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 17, 2010
Name
40 Inveness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: E11- 2091329301
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A

4. Identification of System: TPNS: Q2E11SNUBBRHRR139 RESIDUAL HEAT REMOVAL SYSTEM, ASME CLASS 2

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	17007	N/A	FNP-222	1976	Removed	NO
Hydraulic Snubber	ANVIL	37776	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2RHR-R139 was replaced as a scheduled upgrade Ref: Transaction # 178706

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092533401

Ref: Transaction # 178706

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: Asia O. Jenkins, Supv. Support Date: 6/21/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB of HARTFORD CT have inspected the components described in this Owner's Report during the period 4/02/10 to 7/08/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

Inspector's Signature Commissions: GA 827 MEN
National Board, State, Province, and Endorsements

Date: 7/08/10

As Required by the Provisions of the ASME Code, Section XI

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C101300501ED

Ref: Transaction # 178707

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD CT have inspected the components described in this

Owner's Report during the period 4/09/10 to 7/02/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 822

National Board, State, Province, and Endorsements

Date:

7/02/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>April 12, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>E11- 2091329501</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
<p>4. Identification of System: <u>TPNS: Q2E11SNUBBSIR107 SAFETY INJECTION SYSTEM, ASME CLASS 2</u></p>	
<p>5. (a) Applicable Construction Code: <u>See Remarks</u>, <u>N/A</u> Edition, <u>N/A</u> Addenda, <u>N/A</u> Code Case <i>Year</i></p> <p>(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>2001</u> Addenda: <u>2003</u> <i>Year</i></p> <p>(c) Applicable Section XI Code Case(s): <u>N/A</u></p>	

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	19177	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37781	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber SIR-107 was replaced as a scheduled upgrade Ref: Transaction # 178271

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C101300501ED

Ref: Transaction # 178271

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSE CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/18/10 to 7/68/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 821 ATN

National Board, State, Province, and Endorsements

Date:

7/68/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 21, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: E21- 2091329701
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
- Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A
- Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2E21SNUBBSIR140 SAFETY INJECTION SYSTEM, ASME CLASS 1
5. (a) Applicable Construction Code: See Remarks , N/A Edition, N/A Addenda, N/A Code Case
Year
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
- (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SIR140	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37768	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2SIR-140 was replaced as a scheduled upgrade Ref: Transaction # 178708
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C101300501

Ref: Transaction # 178708

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: Asia O. Jerkins, Supv. Support Date: 6/21/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CONNECTICUT and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/16/10 to 7/07/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

Inspector's Signature: [Signature] Commissions: GA 822 ASN
Date: 7/07/10 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 20, 2010
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: E21-2091329901
Address Repair/Replacement Organization PO No, Job No, etc.

3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
7388 North State Hwy 95; Columbia, AL 36319 Authorization No.: N/A
Address Expiration Date: N/A

4. Identification of System: TPNS: Q2E21SNUBBSIR142 SAFETY INJECTION SYSTEM, ASME CLASS 1

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	24168	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37777	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2SIR-142 was replaced as a scheduled upgrade Ref: Transaction # 178709

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1989 and welded to AWS D1.1-86.

Reference equivalency determination C101300501ED

Ref: Transaction # 178709

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/09/10 to 7/08/10 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 ASN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 29, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: E21- 2091330101
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS:Q2E21SNUBBSIR358 SAFETY INJECTION SYSTEM, ASME CLASS 1
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Load Stud Nut	Unknown	Unknown	N/A	FNP-2-29	1978	Removed	NO
Load Stud Nut	ANVIL	L1240	N/A	QP1547401	1987	Installed	NO

7. Description of Work: Snubber 2SIR-358 Load Stud Nut damaged and was replaced Ref: Transaction # 183183

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Ref: Transaction # 183183

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

[Signature]

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

CONNECTICUT

and employed by

HSB CT

of

HARTFORD CT

have inspected the components described in this

Owner's Report during the period

4/24/10

to

7/06/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>March 24, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>P16 - 2091330201</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
<p>4. Identification of System: <u>TPNS: Q2P16SNUBBSWR507A SERVICE WATER SYSTEM, ASME CLASS 3</u></p>	
<p>5. (a) Applicable Construction Code: <u>See Remarks</u>, <u>N/A</u> Edition, <u>N/A</u> Addenda, <u>N/A</u> Code Case <i>Year</i></p> <p>(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>2001</u> Addenda: <u>2003</u> <i>Year</i></p> <p>(c) Applicable Section XI Code Case(s): <u>N/A</u></p>	

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SWR507	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37735	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2SW-R507A was replaced as a scheduled upgrade Ref: Transaction # 178315

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092570501

Ref: Transaction # 178315

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:



Asia O. Jerkins, Supv. Support

Date:

4/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/23/10 to 7/07/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 821 ASN

National Board, State, Province, and Endorsements

Date:

7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>March 18, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>P17 - 2091515001</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
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4. Identification of System: TPNS: Q2P17SNUBBCCWR205B COMPONENT COOLING WATER SYSTEM, ASME CLASS 3

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWR205	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37736	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2CCW-R205B was replaced as a scheduled upgrade Ref: Transaction # 178314

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C091933501

Ref: Transaction # 178314

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

6.2

Asia O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 3/18/10 to 7/06/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AFN

National Board, State, Province, and Endorsements

Date:

7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inveness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>May 10, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>B13- 2091675501</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
--	--

4. Identification of System: TPNS: Q2B13SNUBBRCR139A REACTOR COOLANT SYSTEM, ASME CLASS 1

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Mechanical Snubber	Pacific Scientific	3505	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	Lisega	03615185/25	N/A	QP070079	2007	Installed	NO

7. Description of Work: Snubber 2RC-R139A was replaced as a scheduled upgrade Ref: Transaction # 180236

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination (ED) 96-0-0225 Rev 1

Ref: Transaction # 180236

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jerkins

Asla O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/04/10 to 7/08/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 ASN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

<p>1. Owner: <u>Southern Nuclear Operating Co.</u> <i>Name</i> <u>40 Inveness Center Parkway; Birmingham, AL 35242</u> <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i></p>	<p>Date: <u>May 10, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>B13- 2091675601</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
--	--

4. Identification of System: TPNS: Q2B13SNUBBRCR139B REACTOR COOLANT SYSTEM, ASME CLASS 1

5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Mechanical Snubber	Pacific Scientific	3508	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	Lisega	30700188/006	N/A	QP061080	2007	Installed	NO

7. Description of Work: Snubber 2RC-R139B was replaced as a scheduled upgrade Ref: Transaction # 178724

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination (ED) 96-0-0225 Rev 1

Ref: Transaction # 178724

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Owner or Owner's Designee, Title

Asia O. Jenkins, Supv. Support

Date:

6/21/10

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of

GEORGIA

and employed by

HSB CT

of

HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

4/04/10

to

7/07/10

, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

Inspector's Signature

Commissions:

GA 827

National Board, State, Province, and Endorsements

Date:

7/07/10

SHARED

FNP-0-GMP-0.2

Figure 1

- | | | | | |
|----|---|---|---|--|
| 1. | Owner | <u>SOUTHERN NUCLEAR OPERATING CO.</u>
Name
<u>40 INVERNESS CENTER PARKWAY</u>
<u>BIRMINGHAM AL. 35242</u>
Address | Date | <u>11/30/09</u> |
| | | | Sheet | <u>1</u> of <u>2</u> |
| 2. | Plant | <u>JOSEPH M. FARLEY NUCLEAR PLANT</u>
Name
<u>7388 NORTH STATE HWY. 95</u>
<u>COLUMBIA AL 36319</u>
Address | Unit | <u>FNP UNIT 2</u>

<u>E21 2091921703</u> |
| | | | Repair/Replacement Organization P.O. No., Job No., etc. | |
| 3. | Work Performed by | <u>WILLIAMS POWER GROUP</u>
Name
<u>FARLEY NUCLEAR PLANT</u>
Address | Type Code Symbol Stamp | <u>N/A</u> |
| | | | Authorization No. | <u>N/A</u> |
| | | | Expiration Date | <u>N/A</u> |
| 4. | Identification of System | <u>TPNS: Q2E21V0026 (RWST SUCTION CHARGING PUMPS SUCTION CHECK VALVE) ASME CLASS 2</u>
<u>8" HCB-42 PIPING</u> | | |
| 5. | (a) Applicable Construction Code | <u>ASME SECTION III</u> | Edition, | <u>1968</u> |
| | (b) Applicable Edition of Section XI Used for Repair/Replacement Activity | <u>Addenda, WINTER 70</u> | | |
| | (c) Applicable Section XI Code Case(s) | <u>Code Case</u> | | |

6. Identification Of Components

[illegible]

7. Description of Work REPLACED BONNET WITH VENT VALVE INSTALLED
-
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure psi Test Temp. °F

04/01/10 12:33:17

SHARED

FNP-0-GMP-0.2

Figure 1
FORM NIS-2 (Back)

9. Remarks REPLACEMENT BONNET HAD MANUFACTURER TO DRILL HOLE IN BONNET TO ALLOW INSTALLING
3/4" VENT VALVE
- Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and that this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed [Signature] Site Design Supervisor Date 5/20/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of GEORGIA and employed by HSB CT of Thermod, CT have inspected the components described in this Owner's Report during the period 4/18/10 to 5/20/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature] Commissions GA 827 AIN
Inspector's Signature National Board, State, Province and Endorsements
Date 5-20-10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 15, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: P16 - 2091978602
Address Repair/Replacement Organization PO No, Job No, etc.
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319 Authorization No.: N/A
Address Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V792A HCC-42 (B TRN SW RETURN CONNECTION)
5. (a) Applicable Construction Code: Section III, 1971 Edition, 2000 all Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Cap	N/A	N/A	N/A	N/A	N/A	REMOVED	NO
Weld Neck Flange	Vester Forge&Flang	31909	N/A	PO: QP071063	2004	INSTALLED	NO
Blind Flange	Vester Forge&Flang	246352	N/A	PO: QP100076	2009	INSTALLED	NO
Stud	Auge Ind. Fastner	300919	N/A	PO: QP090378	2009	INSTALLED	NO
Nut	Charter Steel	425940	N/A	PO: QP090378	2006	INSTALLED	NO
Stud	Auge Ind. Fastner	258262	N/A	PO: QP081068	2008	INSTALLED	NO
Nut	Charter Steel	217100	N/A	PO: QP081068	2003	INSTALLED	NO

7. Description of Work: Cut and remove pipe cap and Add drain line weldneck flange and blind flange
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Activity was performed under MDC 2091978602

Applicable Manufacturer's Data Reports to be attached

Construction code is of ASME Sec. III all addenda/edition class 3 from 1971 edition to 2000 edition

Installed Weld neck Flange of ASME Sec. II and III subsection NC class 2, 1983 edition no addenda.

Installed Blind Flange of ASME Sec. II and III subsection ND class 3, 1982 edition no addenda.

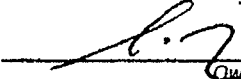
Installed Stud/Nut of ASME Sec. III subsection NC class 2, 1983 edition thru Winter 83 addenda.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: _____ N/A

Certificate of Authorization No.: _____ N/A Expiration Date: _____ N/A

Signed:  Asia O. Jenkins, Maintenance Spt, Support Date: 7/12/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/04/10 to 07/13/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

 Commissions: GA 827 AFD
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 15, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
 Work Order No.: P16 - 2091978603
Repair/Replacement Organization PO No, Job No, etc.
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
 Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V792B HCC-42 (B TRAIN SW RETURN CONN (NORTH OF 2A CCW HX SW OUTLET VLV))
5. (a) Applicable Construction Code: Section III, 1971 Edition, 2000 all Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Cap	N/A	N/A	N/A	N/A	N/A	REMOVED	NO
Weld Neck Flange	Vester Forge&Flang	31909	N/A	PO: QP071063	2004	INSTALLED	NO
Blind Flange	Vester Forge&Flang	246352	N/A	PO: QP100076	2009	INSTALLED	NO
Stud	Auge Ind. Fastner	300919	N/A	PO: QP090378	2009	INSTALLED	NO
Nut	Charter Steel	425940	N/A	PO: QP090378	2006	INSTALLED	NO

7. Description of Work: Cut/ remove pipe cap and Added weldneck flange and blind flange
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Activity was performed under MDC 2091978601

Applicable Manufacturer's Data Reports to be attached

Construction code is of ASME Sec. III all addenda/edition class 3 from 1971 edition to 2000 edition

Installed Weld neck Flange of ASME Sec. II and III subsection NC class 2, 1983 edition no addenda.

Installed Blind Flange of ASME Sec. II and III subsection ND class 3, 1982 edition no addenda.

Installed Stud/Nut of ASME Sec. III subsection NC class 2, 1983 edition thru Winter 83 addenda.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: _____ N/A

Certificate of Authorization No.: _____ N/A Expiration Date: _____ N/A

Signed: Asia O. Jerkins Asia O. Jerkins, Maintenance Spt, Support Date: 7/12/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CONNECTICUT and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/04/10 to 7/13/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature] Commissions: GA 827 AIN
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/13/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: July 12, 2010
Name
40 Inveness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Work Order No.: B13 - 2092013001 (QP090468)
Repair/Replacement Organization PO No, Job No, etc.

3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Authorization No.: N/A
Expiration Date: N/A

4. Identification of System: TPNS: Q2B13V031C PRZR SAFETY (S/N N56963-01-001-0014)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 72 Addenda, 1501, 1649 Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
DISC INSERT	CROSBY	N94630-34-0007	N/A	PO:QP931204	1993	Removed	Yes
Mounting Studs(12)	Unk.	Unk.	N/A	Unk.	Unk.	Unk.	Unk.
DISC INSERT	CROSBY	N94630-37-0011	N/A	PO: QP090468	2009	Installed	NO
Mounting Studs(12)	Mackson, Inc.	HT# 1UA	N/A	QP00-0328	2000	Installed	No

7. Description of Work: Remove/Install Przr Safety for Testing/Replacement

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Original valve construction code is ASME sec. III, 1971 Ed. Winter 1972 Addenda with CC 1501, and CC1649

Replacement Disc is for ASME sec. III, class 1, 1971 Edition, Winter 1972 Addenda

CC 1501 and 1649 are not applicable to the Disc Insert

Mounting Studs original construction code is of ASME sec. III, 1971 Ed. Thru Winter 1972 Add.

Replacement Studs are of ASME sec. III, 1995 edition

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Jim L. Hunter, Maintenance Asst. Manager

Date:

7/29/2010

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

4/09/10

to

7/21/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/21/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 17, 2010
Name
40 Inverness Center Parkway, Birmingham, AL 35242
Address
 2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95, Columbia, AL 36319
Address
 3. Work Performed By: FNP Maintenance Department Work Order No.: E21 - 2092017501
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95, Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A

4. Identification of System: TPNS: Q2E21P002C (2C Charging Pump)
 5. (a) Applicable Construction Code: Section III, 1995 Edition, 1995 Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Outer Seal Housing	Ingersoll-Dresser	47195-AA	N/A	PO: QP96-0658	1996	Removed	NO
Outer Seal Housing	Flowserve	RLSA05815	N/A	PO: QP090230	2009	INSTALLED	YES

7. Description of Work: Replacement of 2C Charging Pump Outer Seal Housing
 8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Original outer seal housing was manufactured to the ASME 1968 Draft Pump and Valve code.

Applicable Manufacturer's Data Reports to be attached

Per U418256(Reedy Report), the mechanical properties (minimum yield and tensile strength) of SA182 F304 have not been reduced between the 1968 and 1995 editions of the code; the latter code is therefore acceptable.

Original Outer Seal Housing (Ingersoll-Dresser Manuf.) is of construction ASME sec. III, class 2, 1995 edition thru the 1995 addenda

The replacement Outer Seal Housing (Flowserve Manuf.) is of ASME sec. III, class 2, 1971 edition thru the Summer 1972 Addenda

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jerkins, Maintenance Spt, Support

Date:

6/20/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7/11/09 to 7/02/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/02/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: May 6, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: N11- 2092226903
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2N11SNUBBMSR814 MAIN STEAM SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	SW9-R23	N/A	FNP-2-22	1972	Removed	NO
Hydraulic Snubber	ANVIL	37937	N/A	QP0091163	2009	Installed	NO

7. Description of Work: Snubber 2MSR-814 was replaced as a scheduled upgrade Ref: Transaction # 181430
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination C092165101

Ref: Transaction # 181430

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

[Signature]

Asia O. Jerkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of Georgia

and employed by HSB CT

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

5/03/10

to

7/01/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 16, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - 2092232701
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
- Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A
- Authorization No.: N/A
- Expiration Date: N/A
4. Identification of System: TPNS: Q2P16P0001E (2E Service Water Pump)
5. (a) Applicable Construction Code: Section III, 1971 Edition, Summer 1972 Addenda, N/A Code Case
Year
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
- (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Pump	Sulzer Pump	08C02145	N/A	PO: QP060449	2006	Removed	YES
Pump	Sulzer Pump	08C02147	N/A	PO: QP060449	2008	Installed	YES

7. Description of Work: Replaced 2E Service Water Pump
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
- Other ☐ Pressure: _____ psf Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Replacement Pump is ASME Sec. III, class 3, 1971 thru Summer 1972 Addenda

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

6/22/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

8/15/09

to

7/02/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/02/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 16, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: F16 - 2092371701
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2F16T0501 (Refueling Water Storage Tank)
5. (a) Applicable Construction Code: Section III, 1971 Edition, 2000 Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1" Stud	Unknown	Unknown	N/A	Unknown	Unk	Removed	No
1" Hex Nuts (qty:2)	Unknown	Unknown	N/A	Unknown	Unk	Removed	No
1" Stud	Nova Machine Prod.	HT# 230938	N/A	PO: QP070180	2005	Installed	No
1" Hex Nuts (qty:2)	Unytite	HT# 7240826	N/A	PO: QP040924	2004	Installed	No

7. Description of Work: Replaced Flange Stud/Nut
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks *Piping Spec SS1109-02 allows ASME Sec. III 1971 edition thru 2000 Edition/Addenda

Applicable Manufacturer's Data Reports to be attached

** The Stud/Nut was built to ASME class 1 requirements but was placed into a class 2 system

Old Stud/Nut was class 2 and the New Stud/Nut is of ASME sec. III, class 1, 1983 edition thru Summer 1984 Addenda

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: Asia O. Jerkins Asia O. Jerkins, Maintenance Spt, Support Date: 6/25/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 1/05/10 to 7/02/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature] Commissions: GA 827 AIN
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/02/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: May 20, 2009
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address

3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - 2092575801
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A

4. Identification of System: TPNS: Q2P16V011C (Containment Cooler 2C Service Water Relief Valve), ASME Class 3

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 1971 Addenda, 1555, 1574 Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1.5" x 2" Relief Valve	Lonergan	210289-5-3	N/A	PO: FNP2-51	1978	Removed	Yes
1/2"-13 Nut (mount, qty 1)	Unknown	Unknown	N/A	Unknown	Unk.	Removed	No
1.5" x 2" Relief Valve	A.G. Crosby	N99904-00-0005	N/A	PO: QP090349	2009	Installed	Yes
1/2"-13 Nut (mount, qty 1)	Texas Bolt	HT# 13552	N/A	HT# 13552	1990	Installed	No

7. Description of Work: Replaced CS relief valve with SST relief valve. One mounting nut was also replaced.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks The replacement valve was built to ASME Section III, 1974 Edition thru Summer 1975 Addenda. The Code year difference

Applicable Manufacturer's Data Reports to be attached

is reconciled thru ASME Section XI, paragraph IWA-4223. The physical differences (weight, material, etc.) were evaluated and reconciled through Equivalency Determination ED2071240901.

The replacement nut was built to ASME Section III, 1989 Edition. FNP piping specification SS1109-02 allows for an applicable Construction Code of ASME Section III, 1971 Edition thru 2000 Edition/Addenda for this piping classification (HBC).

Reference Transaction Number 179390 for issuance of the valve and 181663 for issuance of the nut.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: [Signature] Asia O. Jerkins, Maintenance Spt, Support Date: 6/21/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/10/10 to 7/07/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions: GA 827 AEN
National Board, State, Province, and Endorsements

Date: 7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 17, 2010
Name
40 Inveness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Work Order No.: P16 - 2101076101
 Repair/Replacement Organization PO No, Job No, etc.
 Type Code Symbol Stamp: N/A
3. Work Performed By: FNP Maintenance Department Authorization No.: N/A
Name
7388 North State Hwy 95; Columbia, AL 36319
Address Expiration Date: N/A
4. Identification of System: TPNS: Q2P16P001D (2D Service Water Pump)
5. (a) Applicable Construction Code: Section III, 1971 Edition, Summer 1972 Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
27CC/2 Stage/SW Pump	SULZER	08C02146	N/A	PO: QP060449	2007	Removed	YES
27CC/2 Stage/SW Pump	SULZER	08C02148	N/A	PO: QP060449	2010	INSTALLED	YES

7. Description of Work: Replacement of 2D SW Pump
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Replacement Sulzer pump is of ASME sec. III, class 3, 1971 edition, summer 1972 Addenda

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jerkins, Maintenance Spt, Support

Date:

6/28/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

2/14/10

to

7/02/10

and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/02/10

FORM NPV-1 CERTIFICATE HOLDER'S DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Division 1

2

Pg. 1 of 1

1. Manufactured and certified by SULZER PUMPS (US) INC 4126 CAINE LANE, CHATTANOOGA, TN 37421
(name and address of Manufacturer)
2. Manufactured for ALABAMA POWER COMPANY, 7388 N. STATE HIGHWAY 95, COLUMBIA, AL 36319
(name and address of Purchaser)
3. Location of installation FARLEY NUCLEAR PLANT, 7388 N. STATE HIGHWAY 95, COLUMBIA, AL 36319
(name and address)
4. Model No., Series No., or Type 27EC/2 STAGE Drawing E-08C02145-08 Rev. F CRN N/A
5. ASME Code, Section III, Division 1 1971 SUMMER 1972 3 N/A
(edition) (edition date) (class) (Code Case no.)
6. Pump or valve PUMP Nominal inlet size 20" DIA Outlet size 18" DIA
7. Material
(a) valve Body N/A Bonnet N/A Disk N/A Bolting N/A
(b) pump Casing SEE REMARKS Cover N/A Bolting SEE REMARKS

[illegible]

*Supplemental information in the form of lists, sketches, or drawings may be used provided: (1) size is 8½ x 11; (2) information in items 1 through 4 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.

Certificate Holder's Serial No. 08C02146

8. Design conditions 150 125 or valve pressure class N/A
(pressure) (temperature)
9. Cold working pressure N/A
10. Hydrostatic test 225 . Disk differential test pressure N/A
11. Remarks MATERIALS USED PER DRAWING E-08C02145-08 (REVISION F)

CERTIFICATION OF DESIGN

Design Specification certified by S.W. ASHWORTH P.E. State GA Reg. no. 017030
 Design Report certified by ARTHUR GUY WASHBURN P.E. State FL Reg. no. 48852

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N-2615 Expires JANUARY 19, 2010

Date 8/2/07 Name SULZER PUMPS (US) INC Signed Tommy Craig
(N Certificate Holder) (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TENNESSEE and employed by HSBCT of HARTFORD, CT have inspected the pump, or valve, described in this Data Report on

Aug. 2, 2007, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this 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 8-2-07 Signed Mike Jackson Commissions TN 3142 NBI
(Authorized Nuclear Inspector) (National Bd. Incl. endorsements, and state or prov. and no.)

Pg. 1 of 3

[illegible]

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 X 11; (2) information in Items 1 through 4 on this Data Report is included on each sheet; and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NPV-1 (Back- Pg. 2 of 3)Certificate Holder's Serial No. 08C021488. Design Conditions 150 125 or valve pressure class N/A
(pressure) (temperature)9. Cold working pressure N/A10. Hydrostatic test 225 , Disk differential test pressure N/A11. Remarks Materials used per drawing E-0802145-08 (Revision F).
Job number 08C02148 / 100020460**CERTIFICATION OF DESIGN**Design Specification certified by S. W. Ashworth P.E. State CA Reg. no. 017030
Design Report certified by Arthur Guy Washburn P.E. State FL Reg. no. 48852**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code Section III, Division 1.

N Certificate of Authorization No. N-2614 Expires 26 March 2010Date 2/26/10 Name Sulzer Pumps (US) Inc. Signed **CERTIFICATE OF INSPECTION**I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Tennessee and employed by HSB-CT of Hartford, CT have inspected the pump, or valve, described in this Data Report on 2/26/10, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this 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 2/26/10 Signed James A. Wigham Commissions TN2693

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 5, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: E11- 2101365501
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2E11SNUBBRHR116B RESIDUAL HEAT REMOVAL SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2RHR116	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	37718	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber 2RHR-116B was replaced as a scheduled upgrade Ref: Transaction # 180319

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: psi Test Temp.: °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1989 and welded to AWS D1.1-86.

Reference equivalency determination C092533401

Ref: Transaction # 180319

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp: N/A

Certificate of Authorization No.: N/A Expiration Date: N/A

Signed: Asla O. Jerkins, Supv. Support Date: 6/2/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/4/10 to 7/06/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature] Commissions: GA 827 ASN
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 22, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: G24- 2101397301
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS# Q2G24SNUBBSS12940 'STEAM GENERATOR BLOWDOWN SYSTEM, ASME Class 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Mechanical Snubber	Pacific- Scientific	2069	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	Lisega	30800149/017	N/A	QP080176	2008	Installed	NO

7. Description of Work: Snubber SS-12940 was replaced as a scheduled upgrade Ref: Transaction # 181086
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISI-1969 and welded to AWS D1.1-86.

Reference equivalency determination (ED) 96-0-0225 Rev 1

Ref: Transaction # 181086

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/10/10 to 7/09/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 HSN

National Board, State, Province, and Endorsements

Date:

7/09/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: March 14, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: N11- 2101397401
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS# Q2N11SNUBBSS15772 MAIN STEAM SYSTEM, ASME Class 3
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Mechanical Snubber	Pacific- Scientific	38350	N/A	QP2244	1988	Removed	NO
Hydraulic Snubber	Lisea	30900372/005	N/A	QP090948	2009	Installed	NO

7. Description of Work: Snubber SS-15772 was replaced as a scheduled upgrade Ref: Transaction # 181085
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86.

Reference equivalency determination (ED) 96-0-0225 Rev 1

Ref: Transaction # 181085

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Supv. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA and employed by HSEB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 4/10/10 to 7/06/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827 AEW

National Board, State, Province, and Endorsements

Date:

7/06/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: May 20, 2009
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - 2101413501
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V0075 (Service Water to RCP Motor Coolers Check Valve), ASME Class 2
5. (a) Applicable Construction Code: Section III, * 1989 Edition, N/A Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Mounting Studs (qty 16)	Unknown	Unknown	N/A	Unknown	Unk.	Removed	No
Mounting Nuts (qty 14)	Unknown	Unknown	N/A	Unknown	Unk.	Removed	No
Mounting Studs (qty 16)	Nova Machine	HT# 3008725	N/A	PO: QP100082	2010	Installed	No
Mounting Nuts (qty 2)	Mackson, Inc.	HT# S44035	N/A	PO: QP090289	2009	Installed	No
Mounting Nuts (qty 12)	Nova Machine	HT# 241436	N/A	PO: QP091144	2009	Installed	No

7. Description of Work: All 16 mounting studs were replaced (conservative decision making) and 14 of the nuts on valve Q2P16V0075.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks * Replacement parts built to ASME Section III, 1989 Edition. FNP piping specification SS1109-02 allows for an applicable

Applicable Manufacturer's Data Reports to be attached

Construction Code of ASME Section III, 1971 Edition thru 2000 Edition/Addenda for this piping classification (HBC).

Reference Transaction Numbers 184248 and 184253 for issuance of new parts.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt. Support

Date:

6/21/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

5/03/10

to

7/09/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

Inspector's Signature

Commissions:

GA 817 AIN

National Board, State, Province, and Endorsements

Date:

7/09/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: July 12, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - 2101415903
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
Expiration Date: N/A
4. Identification of System: TPNS: Q2P16HCCCZC & CZF (2C CTMT COOLER)
5. (a) Applicable Construction Code: Section III, 1980 Edition, Summer 82 Addenda, N/A Code Case
Year
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Flanged Flexible Hose Conn	Parker	86152-1 & 86154-5	N/A	PO:QP1845	1987	Removed	Yes
3" 150# RF Blind Flange	Western Forge	246352	N/A	PO: QP100403	2006	Installed	NO
3" 150# RF Blind Flange	Western Forge	246352	N/A	PO: QP100403	2009	Installed	NO
3" 150# RF Blind Flange	Western Forge	H-534	N/A	PO: QP100425	2009	Installed	NO
3" 150# RF Blind Flange	Western Forge	246352	N/A	PO: QP100076	2009	Installed	NO
5/8 - 11UNC Studs (qty 16)	NOVA	230111	N/A	PO: QP050858	2005	Installed	NO
5/8 Hvy Hex Nuts (qty 16)	NOVA	217100	N/A	PO: QP050858	2005	Installed	NO

7. Description of Work: Removed Flexible hose/Installed Temp. Mod. 2101415901 (blind Flanges)
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

9. Remarks reference Temp Mod 2101415901 Rev. 1 which allows the replacement of the inlet and outlet flanged flexible

Applicable Manufacturer's Data Reports to be attached

connectors with blind flanges due to degradation of the braided outer sheathing on connector Q2P16HCCCZC

Replacement blind flanges is of ASME sec. III, class 3 1983 Ed. With Summer 84 Add.

SS1109-02 allows any Code edition/addenda from 1971 up to the 2000 edition

Replacement Stud and nuts are ASME Sec. III Subsection ND Class 3, 1971 Edition thru Summer 1971 Addenda

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

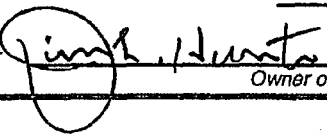
Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:



Jim L. Hunter Maintenance Asst., Manager

Date:

7/22/2010

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 4/24/10 to 7/22/10, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 821 AIN

National Board, State, Province, and Endorsements

Date:

7/22/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 21, 2010
Name
40 Inverness Center Parkway, Birmingham, AL 35242
Address
 2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95, Columbia, AL 36319
Address
 3. Work Performed By: FNP Maintenance Department Work Order No.: E21 - 2101417201
Name Repair/Replacement Organization PO No, Job No, etc.
7388 North State Hwy 95, Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A

4. Identification of System: TPNS: Q2E21SNUBBSS12527A CHEMICAL VOLUME CONTROL SYSTEM, ASME CLASS 1

5. (a) Applicable Construction Code: See Remarks , N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Mechanical Snubber	Pacific-Scientific	2148	N/A	FNP-2-29	1977	Removed	No
Hydraulic Snubber	Lisega	30900372/008	N/A	QP100389	2009	Installed	NO

7. Description of Work: Snubber SS-12527A was replaced as a scheduled upgrade Ref: Transaction # 18184

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D1.1-86

Reference equivalency determination (ED) 96-0-0225 Rev. 1

Ref: Transaction # 181084

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asla O. Jenkins, Maintenance Spt, Support

Date:

6/28/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD, CT

have inspected the components described in this

Owner's Report during the period

4/14/10

to

7/07/10

, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.

[Signature]

Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/07/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: April 21, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: E21- 2101417501
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS# Q2E21SNUBBSS11974 CHEMICAL VOLUME CONTROL SYSTEM, ASME Class 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Mechanical Snubber	Pacific- Scientific	1978	N/A	QP0542	1984	Removed	NO
Hydraulic Snubber	Lisega	30900372/013	N/A	QP100389	2009	Installed	NO

7. Description of Work: Snubber SS-11974 was replaced as a scheduled upgrade Ref: Transaction # 182544
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1989 and welded to AWS D1.1-86.

Reference equivalency determination (ED) 96-0-0225 Rev 1

Ref: Transaction # 182544

VT-3 Conducted

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:



Asia O. Jerkins, Supv. Support

Date:

8/10/10
8/10/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of GEORGIA

and employed by

HSB CT

of HAVERFORD, CT

have inspected the components described in this

Owner's Report during the period

4/20/10

to

7/08/10

, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

6A 821 AIN

National Board, State, Province, and Endorsements

Date:

7/08/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner: Southern Nuclear Operating Co. Date: June 15, 2010
Name
40 Inverness Center Parkway; Birmingham, AL 35242
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2
Name
7388 North State Hwy 95; Columbia, AL 36319
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - 2101432801
Name *Repair/Replacement Organization PO No, Job No, etc.*
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A
Address Authorization No.: N/A
 Expiration Date: N/A
4. Identification of System: TPNS: Q2P16V011D (CTMT COOL 2D SW R/VALVE)
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 1971 Addenda, 1555 & 1574 Code Case
Year
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1.5" x 2" relief valve	Loneragan	210289-5-4	N/A	PO: FNP2-51	N/A	1978	YES
Mounting Studs (4)	Unknown	Unknown	N/A	Unknown	N/A	Unknown	NO
1.5" x 2" relief valve	erson Greenwood Cr	N99904-00-0008	N/A	PO:QP090757	2010	INSTALLED	YES
Mounting Studs (4)	Auge Ind. Fastner	HT# 230113	N/A	PO: QP71096	2069	INSTALLED	NO

7. Description of Work: Replaced CS Relief valve Q2P16V0011D with SS relief valve and 4 Mounting Studs

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks ED 2071240901 has approved the use of the alternate AG Crosby relief valve including variation in material, config/weight

Applicable Manufacturer's Data Reports to be attached

Relief valve assembly (Lonergan Manufacturing) construction code is of ASME Sec. III, class 3, 1971 edition w/Winter 1971 addenda
code case 1555 & 1574 was replaced with relief valve assembly (Anderson Greenwood Crosby Manuf.) of ASME sec. III, 1974
edition w/Summer 1975 addenda (Code year difference is reconciled through ASME Sec XI, paragraph IWA-4223).
Mounting studs of code construction ASME sec. III, class 3 1971 edition thru 200 edition/addenda were replaced with
mounting studs of ASME Sec. III, class 1, 1983 edition thru Winter 1983 Addenda

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
State or Province of GEORGIA and employed by HBB CT
of HARTFORD, CT have inspected the components described in this
Owner's Report during the period 4/13/10 to 7/02/10, and state that to
the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's 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 Owner's 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.



Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/02/10

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code, Section XI

1. Owner:	Southern Nuclear Operating Co.	Date:	June 22, 2010
	<i>Name</i>		
	40 Inverness Center Parkway; Birmingham, AL 35242	Sheet:	1 of 2
	<i>Address</i>		
2. Plant:	Joseph M. Farley Nuclear Plant (FNP)	Unit:	FNP Unit 2
	<i>Name</i>		
	7388 North State Hwy 95; Columbia, AL 36319	Work Order No.:	P16 - 2101533602
	<i>Address</i>		
3. Work Performed By:	FNP Maintenance Department	Repair/Replacement Organization PO No, Job No, etc.	
	<i>Name</i>	Type Code Symbol Stamp:	N/A
	7388 North State Hwy 95; Columbia, AL 36319	Authorization No.:	N/A
	<i>Address</i>	Expiration Date:	N/A

4. Identification of System: TPNS: Q2P16 HBC-39 (SW SUPP TO CTMT FIRE PROT)

5. (a) Applicable Construction Code: Section III, 1971 Edition, 1971* Addenda, NO Code Case
Year

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003
Year

(c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	DANIEL	Q-2-P16-HBC-39-37M1	N/A	Unknown	1979	Removed	NO
PIPE	USS	D00103	N/A	QP080034	2006	Installed	NO

7. Description of Work: Cut out and relace 3" pipe

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ Pressure: _____ psi Test Temp.: _____ °F

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 report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks *FNP Piping Spec. SS110902 allows a construction code of ASME sec. III, 1971 edition thru 2000 edition/Addenda

Applicable Manufacturer's Data Reports to be attached

Replacement Pipe is ASME sec. II and III sub NC class 2, 1977, Winter 1977 edition

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

Asia O. Jenkins, Maintenance Spt, Support

Date:

7/12/10

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/5/10 to 7/13/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.


Inspector's Signature

Commissions:

GA 827 AIN

National Board, State, Province, and Endorsements

Date:

7/13/10

Figure 1
FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
 As Required By The Provisions Of The ASME Code Section XI

1. Owner Southern Nuclear Operating Co. Date 6/01/2010
 Name
40 Inverness Center Parkway; Birmingham, AL
35242 Sheet 1 of 3
 Address
 2. Plant Joseph M. Farley Nuclear Plant(FNP) Unit FNP Unit 2
 Name
7388 North State Hwy 95; Columbia, AL
36319 Work Order NO: P16/N23- 2082406002
 Address Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by Williams Power Co. Type Code Symbol Stamp N/A
 Name Authorization No. N/A
7388 North State Hwy 95; Columbia, Expiration Date N/A
AL36319
 Address
 4. Identification of System TPNS: Q2P16-HCC-355 & Q2N23-HCC-355 (Service Water to AWF Pumps and AFW Pump Room Coolers)
 5. (a) Applicable Construction Code SECTION III Edition, 1971 Addenda, Summer 1971 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED/ 2003 AD
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPING SPOOL(Q2P16-HBC-28-2)	ITT GRINNELL INDUSTRIAL	JG-4(B)452	N/A	PO-FNP-2-26	1974	REMOVED	YES
PIPING SPOOL(Q2N23-HBC-28-10)	ITT GRINNELL INDUSTRIAL	JG-11(B)40	N/A	PO-FNP-2-26	1974	REMOVED	YES
PIPING SPOOL(Q2N23-HBC-28-11)	ITT GRINNELL INDUSTRIAL	JG-11(B)41	N/A	PO-FNP-2-26	1974	REMOVED	YES
1/4" STUD(qty: 8)	Unknown	Unknown	N/A	Unknown	Unk.	REMOVED	No
3/8" Nut(qty: 16)	Unknown	Unknown	N/A	Unknown	Unk.	REMOVED	No
5" CS Pipe	Unknown	Unknown	N/A	Unknown	Unk.	REMOVED	No
Rollled Plate	Unknown	Unknown	N/A	Unknown	Unk.	REMOVED	No
8" CS PIPE	US Steel Corp	X04284	N/A	PO QP000914	1995	INSTALLED	NO

7. Description of Work
- Replace CS Piping spools Q2P16-HBC-28-2, Q2P23-HBC-28-10 AND Q2P23-HBC-28-11 with SST Piping

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F

Figure 1
FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
 As Required By The Provisions Of The ASME Code Section XI

1. Owner Southern Nuclear Operating Co. Date 6/01/2010
 Name
40 Livemass Center Parkway; Birmingham, AL
35242 Sheet 2 of 3
 Address
 2. Plant Joseph M. Farlay Nuclear Plant(FNP) Unit FNP Unit 2
 Name
7388 North State Hwy 95; Columbia, AL
36319 Work Order NO: P16/N23- 2082406002
 Address Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by Williams Power Co. Type Code Symbol Stamp N/A
 Name Authorization No. N/A
7388 North State Hwy 95; Columbia, Expiration Date N/A
AL36319
 Address
 4. Identification of System TPNS: Q2P16-HCC-355 & Q2N23-HCC-355 (Service Water to AWF Pumps and AFW Pump Room Coolers)
 5. (a) Applicable Construction Code SECTION III Edition, 1971 Addenda, Summer 1971 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED/ 2003 AD
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
8" SST PIPE (20.6')	Consolidated Power	HT# 38839	N/A	QP090704	2009	INSTALLED	NO
8" SST PIPE (20.6')	"	HT# 3A228	N/A	PO QP090298	2009	INSTALLED	NO
8" SST PIPE (20.7)	"	HT#22871	N/A	PO QP080217	2009	INSTALLED	NO
8"X3/4"Socketlet	KREBER STEEL	HT#3899ANA1	N/A	PO QP090317	2009	INSTALLED	NO
8" Spectacle-Blind Flange	Consolidated Power	HT# 29555	N/A	PO QP090704	2009	INSTALLED	NO
3/4"-10 Stud (qty: 16)	Consolidated Power	HT#64721	N/A	PO QP090495	2009	INSTALLED	NO
3/4"-10 Nut (qty: 32)	MACKSON INC	HT# S44035	N/A	PO QP090289	2009	INSTALLED	NO
8" Elbow, 90° (3)	Consolidated Power	HT-MNMS-2 MNMT-2 MQRZ-4	N/A	PO QP090704	2009	INSTALLED	NO
8" x 2-1/2" Weldolet	WFI Int.	HT#5079ANA	N/A	PO QP090800	2009	INSTALLED	NO
5" CS Pipe	Consolidated Power	U82156	N/A	PO QP090933	2009	INSTALLED	NO
1" Rolled Plate	Consolidated Power	HT-154195	N/A	PO QP090933	2009	INSTALLED	NO
8" CS Pipe	Consolidated Power	HT# X04284	N/A	PO QP000914	2000	INSTALLED	NO
8" RFWN FLANGE(2)	WESTERN FORGE	HT#519557	N/A	POQP090704	2009	INSTALLED	NO

7. Description of Work
- Replace CS Piping spools Q2P16-HBC-28-2, Q2P23-HBC-28-10 AND Q2P23-HBC-28-11 with SST Piping.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F

Figure 1
FORM NIS-2 (Back)

Remarks * These parts are part of Piping Anchor AFW-2A4; AISC 1969 is the applicable construction code for this item. MDC 2082406201 upgraded this piping from carbon steel to stainless steel (FNP Piping Class HBC to HCC). FNP Piping Specification SS1109-2 allows applicable construction code of ASME Section III, 1971 ED. Thru 2000 Edition/Addenda for class HCC.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and that this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Mod. Supervisor Date 6/14/10
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/05/09 to 6/14/10, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's 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 Owner's 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.

[Signature]
Inspector's Signature

Commissions GA 827 AIN
National Board, State, Province and Endorsements

Date 6/14/10