

**Mark J. Ajluni, P.E.**  
Nuclear Licensing Director

**Southern Nuclear  
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Tel 205.992.7673  
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February 15, 2011



Docket Nos.: 50-348

NL-11-0255

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

Joseph M. Farley Nuclear Plant – Unit 1  
Outage Inservice Inspection Summary Report

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) submits the Joseph M. Farley Nuclear Plant – Unit 1, Interval 4, Period 1, Outage 2 Inservice Inspection Summary Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during the fall 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.

Sincerely,

A handwritten signature in black ink that reads "Mark J. Ajluni".

M. J. Ajluni  
Nuclear Licensing Director

MJA/LPH

Enclosure:

Farley Nuclear Plant – Unit 1, Inservice Inspection Report, Refueling Outage (1R23), Volume 1 Owners Report

U. S. Nuclear Regulatory Commission

NL-11-0255

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cc: Southern Nuclear Operating Company  
Mr. J. T. Gasser, Executive Vice President  
Mr. L. M. Stinson, Vice President – Farley  
Ms. P. M. Marino, Vice President – Engineering  
RTYPE: CFA04.054

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. Boyle, NRR Project Manager

Joseph M. Farley Nuclear Plant – Unit 1  
Outage Inservice Inspection Summary Report

Inservice Inspection Report  
Refueling Outage 1R23  
Owners Report

**INSERVICE INSPECTION REPORT**

**REFUELING 23**

**INTERVAL 4**

**PERIOD 1**

**OUTAGE 2**

**J.M. FARLEY UNIT 1**

**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 23**

**INTERVAL 4**

**PERIOD 1**

**OUTAGE 2**

**J.M. FARLEY UNIT 1**

**NUCLEAR PLANT**

**Hwy 95 South**

**COLUMBIA, ALABAMA 36319**

**Commercial Service Date: December 1, 1977**

**Southern Nuclear Operating  
Company**

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

**February 10, 2011**

## FNP 1R23 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 1
4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 12/01/77
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 B	Westinghouse Pensacola	ALAD-40308	N/A	74
Steam Gen C	Westinghouse Pensacola	ALAD-40309	N/A	75
Reactor Coolant Pump A	Westinghouse	RCPCP1-1	N/A	N/A
Reactor Coolant Pump B	Westinghouse	RCPCP1-2	N/A	N/A
Residual Heat Removal Pump A	Ingersoll Rand	117018	N/A	N/A
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 05/08/09 to 11/15/10
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: Volume 1 – 04/30/10, Version 6.0; Volume 2 – 08/03/10, Version 4; Volume 3 – 01/07/10, Version 2; Volume 6 – 10/16/09, Version 2

FORM NIS-1

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.

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 2/9 20 11 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 5/07/09 to 11/18/10 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] Commissions NB#1254 GA-827 AIN  
Inspector's Signature National Board, State, Province, and Endorsements

Date FEBRUARY 10<sup>TH</sup> 20 11

**OWNER'S REPORT  
FOR  
INSERVICE INSPECTION**

**DATE:** 02/10/2011

**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 1

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

**COMMERCIAL SERVICE DATE:** 12/01/1977

**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**

<b>COMPONENT OR SYSTEM</b>	<b>SYSTEM DESIGNATION</b>	<b>ALA SKETCH</b>
Reactor Vessel	B11	1-1200, 1-1300
Pressurizer	B31	1-2100
Steam Generator A, B, C	B21	1-3100, 1-3200, 1-3300
Reactor Coolant Pump A, B	B41	1-5100, 1-5200
Reactor Coolant System	B13	1-4100, 1-4101, 1-4102, 1-4103, 1-4104, 1-4105, 1-4106, 1-4108, 1-4109, 1-4112, 1-4200, 1-4205, 1-4207, 1-4300, 1-4304, 1-4500, 1-4501, 1-4502, 1-4503, 1-4504
Safety Injection System	E11	1-4103, 1-4304
Safety Injection System	E21	1-4104, 1-4112

## CLASS 2

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	APR SKETCH
RHR Pump A	E11	2-5130
Chemical and Volume Control	E21	2-1110, 2-1120, 2-4509, 2-4510, 2-4600, 2-4608
Containment Spray	E13	2-4702, 2-4706, 2-4707
Feedwater	N21	2-4150
Main Steam System	N11	2-4101
RHR System	E11	2-4501, 2-4504, 2-4505, 2-4514
Safety Injection	E21	2-4526, 2-4528, 2-4536, 2-4537, 2-4539, 2-4615, 2-4617, 2-4622, 2-4630, 2-4634, 2-4635

**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 1 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 1. 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 May 7, 2009 (date of last examination performed during the twenty-second maintenance/refueling outage, 1R22 / 4-1-1) and November 17, 2010 (date of last examination performed during the twenty-third maintenance/refueling outage, 1R23 / 4-1-2).

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-1 since 1R22 through the end of 1R23. 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.

## 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.
- Five (5) 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 was one reportable Visual indication on a stud from the B steam generator primary bolting. The threads were damaged and the stud was replaced. This was documented in IER-003 and Farley Condition Report (CR) 2010115324.
- There were four (4) 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.
- There were no Class 2 limited Volumetric examinations.

#### **(B) SURFACE EXAMINATIONS**

- There were two (2) Class 2 reportable Surface indications. IER-001 was written to document a PT indication on the integrally welded attachment on the south side of support ALA2-4509-CVC-R233 (W8). The indication was compared to the tables in IWB-3500 and it was determined that the indication was "acceptable as is". This was also documented in Farley CR 2010113663. IER-002 was written to document a PT indication on pipe weld ALA2-4615-14. The indication was compared to the tables in IWB-3500 and it was determined that the indication was "acceptable as is". This was also documented in Farley CR 2010114434.

#### **(C) VISUAL EXAMINATIONS**

- There were no reportable Class 2 Visual indications.

- There was one (1) bolted connection from the Class 2 pressure tests with boron accumulation. The boron was removed and the re-examination found acceptable results.

## 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 23<sup>rd</sup> 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 11/15/2010. 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-1-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-1-STP-157 as Indication Evaluation Report 001 (IER 001).

- **Class 2 System Leakage Testing**

In accordance with IWC-5210(a), system leakage testing was performed during the 23<sup>rd</sup> refueling outage on portions of the following systems: Residual Heat Removal, Chemical and Volume Control, Safety Injection, 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-1-STP-156.2.

- **IWE/IWL Examinations**

No examinations were performed in the 1R23 outage.

## STATUS OF EXAMINATIONS REQUIRED FOR CURRENT INTERVAL

This 1R23 Outage was the 2<sup>nd</sup> Outage, 1<sup>st</sup> Period of the 4<sup>th</sup> Interval. The results from this outage, combined with the "scheduled" examinations from the previous refueling outage (1R22, Spring 2009) will represent 100% of the total Class 1 and 2 scope for the current period and interval. Farley Unit 1 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 1R23 Outage included:

N-460	N-700	N-729-1
N-663	N-722	

Farley Unit 1 1R23 Outage Completion Percentages							
Cat.	Item No.	Code Case	Population	Percent Of Population Required To Be Examined	Total Exams Required During 4 <sup>th</sup> Interval	1R22	
						No. of Exams Completed	% of Total Exams Completed
B-A	B1.11		3	100%	3	0	0%
B-A	B1.12		4	100%	4	0	0%
B-A	B1.21		2	100%	2	0	0%
B-A	B1.22(2)		6	100%	6	0	0%
B-A	B1.30		1	100%	1	0	0%
Total:			16		16	0	0%
B-B	B2.11(1)		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		6	100%	6	0	0%
B-D	B3.110		6	100%	6	1	17%
B-D	B3.120		6	100%	6	1	17%
B-D	B3.140(1)		6	100%	6	2	33%
B-D	B3.90		6	100%	6	0	0%
Total:			30		30	4	13%
B-F	B5.10(1)		6	100%	6	0	0%
B-F	B5.70(1)		6	100%	6	1	17%
Total:			12		12	1	8%
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%

Farley Unit 1 1R23 Outage Completion Percentages							
Cat.	Item No.	Code Case	Population	Percent Of Population Required To Be Examined	Total Exams Required During 4 <sup>th</sup> Interval	1R22	
						No. of Exams Completed	% of Total Exams Completed
B-G-1	B6.20		1	100%	1	1	100%
B-G-1	B6.40		1	100%	1	0	0%
B-G-1	B6.50		1	100%	1	1	100%
Total:			10		5	4	80%
B-G-2	B7.20		1	0%	0	0	0%
B-G-2	B7.30		6	100%	6	6	100%
B-G-2	B7.50		9	33%	3	3	100%
B-G-2	B7.60		3	33%	1	1	100%
B-G-2	B7.70		24	20%	5	1	20%
Total:			43		15	11	73%
B-J	B9.11(1)	N-663 & N-460	360	25%	94	22	23%
B-J	B9.21(1)		55	25%	16	5	31%
B-J	B9.31(1)		14	25%	3	0	0%
B-J	B9.32(1)		24	25%	4	2	50%
B-J	B9.40(1)		244	25%	58	8	14%
Total:			697		175	37	21%
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		37	12%	5	1	20%
Total:			41		7	2	29%
B-L-2	B12.20		3	0%	0	0	0%
Total:			3		0	0	0%

Farley Unit 1 1R23 Outage Completion Percentages							
Cat.	Item No.	Code Case	Population	Percent Of Population Required To Be Examined	Total Exams Required During 4 <sup>th</sup> Interval	1R22	
						No. of Exams Completed	% of Total Exams Completed
B-M-2	B12.50(1)		4	25%	1	1	100%
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	1	100%
B-N-1	B13.10		1	100%	1	1	100%
Total:			1		1	1	100%
B-N-2	B13.60		4	100%	4	0	0%
Total:			4		4	0	0%
B-N-3	B13.70		1	100%	1	0	0%
Total:			1		1	0	0%
B-O	B14.10		38	18.3%	7	0	0%
Total:			38		7	0	0%
C-A	C1.20(1)		3	33.33%	1	0	0%
C-A	C1.30(1)		3	33.33%	1	0	0%
Total:			6		2	0	0%
C-B	C2.21(1)		3	33.33%	1	0	0%
C-B	C2.22(1)		3	33.33%	1	0	0%
Total:			6		2	0	0%

Farley Unit 1 1R23 Outage Completion Percentages							
Cat.	Item No.	Code Case	Population	Percent Of Population Required To Be Examined	Total Exams Required During 4 <sup>th</sup> Interval	1R22	
						No. of Exams Completed	% of Total Exams Completed
C-C	C3.10		6	16.666%	1	0	0%
C-C	C3.20		210	10.1%	22	8	36%
C-C	C3.30		12	10%	2	0	0%
Total:			228		25	8	36%
C-F-1	C5.11(1)	N-663	876	7.5%	68	6	9%
C-F-1	C5.21(1)		402	7.5%	28	1	4%
C-F-1	C5.30(1)		338	7.5%	26	13	50%
C-F-1	C5.41(1)		18	7.5%	1	1	100%
Total:			1634		123	21	17%
C-F-2	C5.51(1)		210	7.5%	25	5	20%
C-F-2	C5.61(1)		12	7.5%	1	0	0%
C-F-2	C5.81(1)		24	7.5%	2	1	50%
Total:			246		28	6	21%
D-A	D1.10(1)		10	44%	5	0	0%
D-A	D1.20		303	10.8%	33	9	27%
Total:			313		38	9	24%
F-A	F1.10A(1)		7	25%	2	0	0%
F-A	F1.10B(1)		56	26%	15	5	33%
F-A	F1.10C(1)		31	25%	8	3	37%
F-A	F1.10D(1)		65	27%	18	6	33%
F-A	F1.10E(1)		41	24%	10	4	40%
F-A	F1.10F(1)		1	0%	0	0	0%

Farley Unit 1 1R23 Outage Completion Percentages							
Cat.	Item No.	Code Case	Population	Percent Of Population Required To Be Examined	Total Exams Required During 4 <sup>th</sup> Interval	1R22	
						No. of Exams Completed	% of Total Exams Completed
F-A	F1.10S(1)		54	27%	12	7	58%
F-A	F1.20A(1)		63	15%	9	3	33%
F-A	F1.20B(1)		139	14%	20	6	30%
F-A	F1.20C(1)		17	28%	5	0	0%
F-A	F1.20D(1)		138	16%	22	6	27%
F-A	F1.20E(1)		81	15%	13	5	38%
F-A	F1.20F(1)		27	15%	4	1	25%
F-A	F1.20G(1)		14	20%	3	3	100%
F-A	F1.20S(1)		53	21%	5	1	20%
F-A	F1.30A(1)		72	9%	7	2	29%
F-A	F1.30B(1)		129	10%	13	3	23%
F-A	F1.30C(1)		5	20%	1	1	100%
F-A	F1.30D(1)		334	11%	36	12	33%
F-A	F1.30E(1)		119	12%	16	5	31%
F-A	F1.30F(1)		112	11%	12	5	42%
F-A	F1.30H(1)		31	9%	3	1	33%
F-A	F1.30S(1)		24	21%	2	1	50%
F-A	F1.40(1)		72	45%	33	9	27%
Total:			1685		269	89	33%

# **TAB C**

## **EXAMINATION PROGRAM PLAN**

**Farley Unit 1  
Class 1 Components**

<b>ASME Section XI</b>	<b>Examination/Area</b>	<b>Examination Procedure(s)</b>	<b>Cal Block(s)</b>	<b>Exam/Cal Sheet No(s).</b>	<b>Results</b>	<b>Remarks</b>
B-N-1 B13.10	<b>ALA1-1200-VS INT</b> RPV INTERIOR	NMP-ES-024-203	--	0001	Accept	Examined all accessible surfaces from PRV Flange to Core Plate
B-G-1 B6.10	<b>ALA1-1300-N01 – N58</b> REACTOR VESSEL NUTS	NMP-ES-024-201	--	S10F1V022	Sat	NA
B-G-1 B6.20	<b>ALA1-1300-S01 THRU S058</b> REACTOR VESSEL STUDS	NMP-ES-024-504	ALA-36	S10F1U018	NRI	NA
B-G-1 B6.10	<b>ALA1-1300-W01 – W058</b> REACTOR VESSEL WASHERS	NMP-ES-024-201	--	S10F1V021	Sat	NA
B-B B2.12	<b>ALA1-2100-3</b> PZR UPPER SHELL LONG SEAM	NMP-ES-024-516	APR-7	S10F1U020	NRI	Examined 1 <sup>st</sup> 12" per SNC ISI Plan
B-B B2.11(1)	<b>ALA1-2100-7</b> PZR UPPER SHELL TO TOP HEAD	NMP-ES-024-516	APR-7	S10F1U019	NRI	98% Code Coverage
B-D B3.140(1)	<b>ALA1-3100-IR1R</b> SG HOT LEG NOZZLE INNER RADIUS	NMP-ES-024-513	ALA-54	S10F1U009	NRI	NA
B-D B3.140(1)	<b>ALA1-3100-IR2R</b> SG CROSS-OVER NOZ INNER RADIUS	NMP-ES-024-513	ALA-54	S10F1U008	NRI	NA
B-G-2(1) B7.30	<b>ALA1-3100-N01-N32</b> STEAM GEN. NUTS	NMP-ES-024-201	--	WO 1090805401	Sat	Exam performed by QC
B-G-2(1) B7.30	<b>ALA1-3100-S01-S32</b> STEAM GEN. STUDS	NMP-ES-024-201	--	WO 1090805701	Sat	Exam performed by QC
B-G-2(1) B7.30	<b>ALA1-3200-N01-N32</b> STEAM GEN. NUTS	NMP-ES-024-201	--	NA	Sat	NA
B-G-2(1) B7.30	<b>ALA1-3200-S01-S32</b> STEAM GEN. STUDS	NMP-ES-024-201	--	NA	Unsat	IER 003, CR 2010115324 – One stud with thread damage - Replaced
B-G-2(1) B7.30	<b>ALA1-3300-N01-N32</b> STEAM GEN. NUTS	NMP-ES-024-201	--	NA	Sat	NA
B-G-2(1) B7.30	<b>ALA1-3300-S01-S32</b> STEAM GEN. STUDS	NMP-ES-024-201	--	NA	Sat	NA
N-722 B15.90	<b>ALA1-4100-1DM-BMV</b> RPV HOT LEG SAFE END BMV	NMP-ES-024-202	--	S10F1V024	Accept	BMV performed with insulation removed.
B-J B9.11(1)	<b>ALA1-4100-4R</b> ELBOW TO SAFE-END	NMP-ES-024-501	ALA-62 ALA/APR-33	S10F1U010	NRI	50% Code Coverage – Relief Request required.
B-J B9.32(1)	<b>ALA1-4100-18BC</b> BRANCH CONNECTION	NMP-ES-024-301	--	S10F1P014	NRI	NA

**Farley Unit 1  
Class 1 Components**

<b>ASME Section XI</b>	<b>Examination/Area</b>	<b>Examination Procedure(s)</b>	<b>Cal Block(s)</b>	<b>Exam/Cal Sheet No(s).</b>	<b>Results</b>	<b>Remarks</b>
B-F B5.70(1)	<b>ALA1-4100-26RDM</b> SAFE-END TO STEAM GEN. NOZZLE	NMP-ES-024-507	ALA-62	S10F1U007	NRI	52.1% Code Coverage – Relief Request required.
B-J B9.11(1)	<b>ALA1-4101-6</b> PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F1U002	NRI	50% Code Coverage – Relief Request required.
B-J B9.11(1)	<b>ALA1-4101-7</b> ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F1U003	NRI	NA
B-J B9.11(1)	<b>ALA1-4101-8</b> PIPE TO VALVE	NMP-ES-024-501	ALA-67	S10F1U004	NRI	50% Code Coverage – Relief Request required.
B-J B9.11(1)	<b>ALA1-4102-1</b> PIPE TO BRANCH CONNECTION	NMP-ES-024-501	ALA-67	S10F1U033	NRI	NA
B-J B9.11(1)	<b>ALA1-4103-1</b> PIPE TO BRANCH CONNECTION	NMP-ES-024-501	ALA-6 ALA-67	S10F1U011	NRI	NA
B-J B9.11(1)	<b>ALA1-4103-6</b> ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F1U013	NRI	NA
B-J B9.11(1)	<b>ALA1-4103-7</b> PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F1U012	NRI	NA
B-J B9.40(1)	<b>ALA1-4103-19</b> PIPE TO BRANCH CONNECTION	NMP-ES-024-301	--	S10F1P024	NRI	NA
B-J B9.40(1)	<b>ALA1-4103-30</b> PIPE TO BRANCH CONNECTION	NMP-ES-024-301	--	S10F1P025	NRI	NA
B-J B9.40(1)	<b>ALA1-4104-23</b> PIPE TO BRANCH CONNECTION	NMP-ES-024-301	--	S10F1P013	NRI	NA
B-J B9.11(1)	<b>ALA1-4105-1</b> BRANCH CONNECTION TO PIPE	NMP-ES-024-501	ALA-67	S10F1U032	NRI	NA
B-J B9.21(1)	<b>ALA1-4106-1</b> PIPE TO BRANCH CONNECTION	NMP-ES-024-301	--	S10F1P036	NRI	NA
B-J B9.21(1)	<b>ALA1-4106-10</b> PIPE TO PIPE	NMP-ES-024-301	--	S10F1P033	NRI	NA
B-J B9.21(1)	<b>ALA1-4108-1</b> PIPE TO BRANCH CONNECTION	NMP-ES-024-301	--	S10F1P015	NRI	NA
B-J B9.40(1)	<b>ALA1-4109-2</b> PIPE TO COUPLING	NMP-ES-024-301	--	S10F1P029	NRI	NA
B-J B9.40(1)	<b>ALA1-4109-3</b> COUPLING TO PIPE	NMP-ES-024-301	--	S10F1P030	NRI	NA
B-J B9.40(1)	<b>ALA1-4109-4</b> PIPE TO COUPLING	NMP-ES-024-301	--	S10F1P031	NRI	NA

**Farley Unit 1  
Class 1 Components**

<b>ASME Section XI</b>	<b>Examination/Area</b>	<b>Examination Procedure(s)</b>	<b>Cal Block(s)</b>	<b>Exam/Cal Sheet No(s).</b>	<b>Results</b>	<b>Remarks</b>
B-J B9.21(1)	<b>ALA1-4109-15BW</b> FLANGE TO PIPE	NMP-ES-024-301	--	S10F1P032	NRI	NA
B-J B9.40(1)	<b>ALA1-4112-3</b> ELBOW TO PIPE	NMP-ES-024-301	--	S10F1P022	NRI	NA
B-J B9.40(1)	<b>ALA1-4112-4</b> PIPE TO ELBOW	NMP-ES-024-301	--	S10F1P023	NRI	NA
N-722 B15.90	<b>ALA1-4200-1DM-BMV</b> RPV HOT LEG SAFE END BMV	NMP-ES-024-202	--	S10F1V025	Accept	BMV performed with insulation removed.
WOL Q-4300	<b>ALA1-4205-WOL-1</b> PZR SPRAY NOZZLE OVERLAY	NMP-ES-024-509	AX 8-03 CIRC 8-03	S10F1U023	NRI	NA
B-J B9.21(1)	<b>ALA1-4207-5</b> PIPE TO VALVE	NMP-ES-024-301	--	S10F1P034	NRI	NA
N-722 B15.90	<b>ALA1-4300-1DM-BMV</b> RPV HOT LEG SAFE END BMV	NMP-ES-024-202	--	S10F1V026	Accept	BMV performed with insulation removed.
B-J B9.11(1)	<b>ALA1-4304-7</b> PIPE TO VALVE	NMP-ES-024-501	ALA-67	S10F1U031	NRI	50% Code Coverage – Relief Request required.
WOL Q-4300	<b>ALA1-4500-WOL-1</b> PZR SURGE NOZZLE OVERLAY	NMP-ES-024-509	AX 16-03 CIRC 16-03	S10F1U028	NRI	NA
WOL Q-4300	<b>ALA1-4501-WOL-1</b> PZR SAFETY NOZZLE OVERLAY	NMP-ES-024-509	AX 8-03 CIRC 8-03	S10F1U025	NRI	NA
WOL Q-4300	<b>ALA1-4502-WOL-1</b> PZR SAFETY NOZZLE OVERLAY	NMP-ES-024-509	AX 8-03 CIRC 8-03	S10F1U024	NRI	NA
WOL Q-4300	<b>ALA1-4503-WOL-1</b> PZR SAFETY NOZZLE OVERLAY	NMP-ES-024-509	AX 8-03 CIRC 8-03	S10F1U026	NRI	NA
WOL Q-4300	<b>ALA1-4504-WOL-1</b> PZR SAFETY NOZZLE OVERLAY	NMP-ES-024-509	AX 8-03 CIRC 8-03	S10F1U027	NRI	NA
B-G-1 B6.180	<b>ALA1-5100-B01 – B24</b> R.C. PUMP BOLTING	NMP-ES-024-504	ALA-35	S10F1U014	NRI	NA
B-G-2(1) B7.60	<b>ALA1-5200-B25 – B36</b> RC PUMP SEAL HOUSING BOLTING	NMP-ES-024-201	--	S10F1V023	Sat	NA

**Farley Unit 1  
Class 2 Components**

<b>ASME Section XI</b>	<b>Examination/Area</b>	<b>Examination Procedure(s)</b>	<b>Cal Block(s)</b>	<b>Exam/Cal Sheet No(s).</b>	<b>Results</b>	<b>Remarks</b>
C-F-1 C5.11(1)	<b>ALA2-1110-3</b> LTD DEL TANK SHELL TO HEAD	NMP-ES-024-501	ALA-67	S10F1U015	NRI	NA
F-A F1.20G(1)	<b>ALA2-1120-CVCS-H662</b> EXCESS LETDOWN DELAY TANKS	NMP-ES-024-203	--	S10F1V019	Sat	NA
C-F-2 C5.51(1)	<b>ALA2-4101-2</b> PIPE TO ELBOW	NMP-ES-024-502	ALA-65	S10F1U029	NRI	NA
C-F-2 C5.51(1)	<b>ALA2-4101-4</b> PIPE TO ELBOW	NMP-ES-024-502	ALA-65	S10F1U030	NRI	NA
C-F-2 C5.51(1)	<b>ALA2-4101-9</b> VALVE TO PIPE	NMP-ES-024-502	ALA-65	S10F1U005	NRI	NA
C-F-2 C5.51(1)	<b>ALA2-4101-10</b> PIPE TO VALVE	NMP-ES-024-502	ALA-24 ALA-65	S10F1U006	NRI	NA
C-F-2 C5.81(1)	<b>ALA2-4101-11BC</b> BRANCH CONNECTION	NMP-ES-024-401	--	S10F1M001	NRI	NA
C-F-2 C5.51(1)	<b>ALA2-4150-14</b> PIPE TO ELBOW	NMP-ES-024-502	ALA-65	S10F1U037	NRI	NA
C-F-1 C5.11(1)	<b>ALA2-4501-3</b> ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F1U017	NRI	NA
C-F-1 C5.11(1)	<b>ALA2-4501-4</b> PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F1U016	NRI	NA
F-A F1.20D(1)	<b>ALA2-4504-RHR1-R4</b> TWO DIRECTIONAL RESTRAINT W/ATTACH	NMP-ES-024-203	--	S10F1V020	Sat	NA
C-C C3.20	<b>ALA2-4504-RHR2-R72 (W8)</b> WELDED ATTACHMENT	NMP-ES-024-301	--	S10F1P011	NRI	NA
F-A F1.20E(1)	<b>ALA2-4505-RHR10-R28</b> SWAY STRUT	NMP-ES-024-203	--	S10F1V001	Sat	NA
C-C C3.20	<b>ALA2-4505-RHR10-R45 (WS)</b> WELDED ATTACHMENT	NMP-ES-024-301	--	S10F1P035	NRI	NA
F-A F1.20B(1)	<b>ALA2-4509-CVC-R232</b> ONE DIRECTIONAL RESTRAINT W/ATTACH	NMP-ES-024-203	--	S10F1V002	Sat	NA
C-C C3.20	<b>ALA2-4509-CVC-R232 (WS)</b> WELDED ATTACHMENT	NMP-ES-024-301	--	S10F1P005	NRI	NA
C-C C3.20	<b>ALA2-4509-CVC-R233 (W8)</b> WELDED ATTACHMENT	NMP-ES-024-301	--	S10F1P002	RI	IER 001, CR 2010113663. Acceptable as is.

**Farley Unit 1  
Class 2 Components**

<b>ASME Section XI</b>	<b>Examination/Area</b>	<b>Examination Procedure(s)</b>	<b>Cal Block(s)</b>	<b>Exam/Cal Sheet No(s).</b>	<b>Results</b>	<b>Remarks</b>
F-A F1.20F(1)	<b>ALA2-4509-CVC-R232</b> 3 DIRECTIONAL RESTRAINT W/ATTACH	NMP-ES-024-203	--	S10F1V015	Sat	NA
C-C C3.20	<b>ALA2-4510-CVC-R225 (W8)</b> WELDED ATTACHMENT	NMP-ES-024-301	--	S10F1P007	NRI	NA
F-A F1.20D(1)	<b>ALA2-4510-CVC-R230</b> TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	--	S10F1V003	Sat	NA
F-A F1.20E(1)	<b>ALA2-4510-CVC-R231</b> SWAY STRUT	NMP-ES-024-203	--	S10F1V004	Sat	NA
F-A F1.20B(1)	<b>ALA2-4514-SI-R86</b> ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	--	S10F1V005	Sat	NA
F-A F1.20E(1)	<b>ALA2-4514-SI-R88</b> SWAY STRUT	NMP-ES-024-203	--	S10F1V006	Sat	NA
C-F-1 C5.41(1)	<b>ALA2-4526-3BC</b> BRANCH CONNECTION	NMP-ES-024-301	--	S10F1P001	NRI	NA
F-A F1.20A(1)	<b>ALA2-4528-CVC-A14</b> ANCHOR	NMP-ES-024-203	--	S10F1V007	Sat	NA
C-F-1 C5.30(1)	<b>ALA2-4536-3</b> VALVE TO PIPE	NMP-ES-024-301	--	S10F1P004	NRI	NA
C-F-1 C5.30(1)	<b>ALA2-4537-18</b> PIPE TO ELBOW	NMP-ES-024-301	--	S10F1P009	NRI	NA
C-F-1 C5.30(1)	<b>ALA2-4537-19</b> ELBOW TO PIPE	NMP-ES-024-301	--	S10F1P010	NRI	NA
F-A F1.20B(1)	<b>ALA2-4537-CVC-R611</b> ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	--	S10F1V008	Sat	NA
C-F-1 C5.30(1)	<b>ALA2-4538-3</b> VALVE TO PIPE	NMP-ES-024-301	--	S10F1P012	NRI	NA
C-F-1 C5.30(1)	<b>ALA2-4539-5</b> VALVE TO PIPE	NMP-ES-024-301	--	S10F1P003	NRI	NA
C-F-1 C5.11(1)	<b>ALA2-4600-7</b> PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S10F1U034	NRI	NA
C-F-1 C5.11(1)	<b>ALA2-4600-8</b> ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F1U035	NRI	NA
F-A F1.20A(1)	<b>ALA2-4608-SI-A17</b> ANCHOR	NMP-ES-024-203	--	S10F1V009	Sat	NA
C-F-1 C5.30(1)	<b>ALA2-4615-3</b> COUPLING TO PIPE	NMP-ES-024-301	--	S10F1P017	NRI	NA

**Farley Unit 1  
Class 2 Components**

<b>ASME Section XI</b>	<b>Examination/Area</b>	<b>Examination Procedure(s)</b>	<b>Cal Block(s)</b>	<b>Exam/Cal Sheet No(s).</b>	<b>Results</b>	<b>Remarks</b>
C-F-1 C5.30(1)	<b>ALA2-4615-8</b> PIPE TO COUPLING	NMP-ES-024-301	--	S10F1P018	NRI	NA
C-F-1 C5.30(1)	<b>ALA2-4615-9</b> COUPLING TO PIPE	NMP-ES-024-301	--	S10F1P019	NRI	NA
C-F-1 C5.30(1)	<b>ALA2-4615-14</b> PIPE TO ELBOW	NMP-ES-024-301	--	S10F1P016	RI	IER 002, CR 2010114434. Acceptable as is.
C-F-1 C5.30(1)	<b>ALA2-4617-2</b> PIPE TO COUPLING	NMP-ES-024-301	--	S10F1P026	NRI	NA
C-F-1 C5.30(1)	<b>ALA2-4622-16</b> PIPE TO VALVE	NMP-ES-024-301	--	S10F1P027	NRI	NA
C-F-1 C5.21(1)	<b>ALA2-4630-3</b> ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S10F1U036	NRI	NA
C-F-1 C5.30(1)	<b>ALA2-4634-5</b> ELBOW TO PIPE	NMP-ES-024-301	--	S10F1P020	NRI	NA
C-F-1 C5.30(1)	<b>ALA2-4635-6</b> PIPE TO VALVE	NMP-ES-024-301	--	S10F1P021	NRI	NA
F-A F1.20S(1)	<b>ALA2-4702-CS-R294</b> HYDRAULIC SNUBBER	NMP-ES-024-203	--	S10F1V017	Sat	NA
F-A F1.20D(1)	<b>ALA2-4706-CS4-R11</b> TWO DIRECTIONAL RESTRAINT W/ATTACH	NMP-ES-024-203	--	S10F1V016	Sat	NA
C-C C3.20	<b>ALA2-4706-CS4-R11 (WS)</b> WELDED ATTACHMENT	NMP-ES-024-301	--	S10F1P008	NRI	NA
F-A F1.20E(1)	<b>ALA2-4707-CS1-R20</b> SWAY STRUT	NMP-ES-024-203	--	S10F1V018	Sat	NA
C-C C3.20	<b>ALA2-4707-CS-R142 (WS)</b> WELDED ATTACHMENT	NMP-ES-024-301	--	S10F1P028	NRI	NA
F-A F1.40(1)	<b>ALA2-5130-CS-1</b> RHR PUMP (A) Q1E11P001A	NMP-ES-024-203	--	S10F1V012	Sat	NA
F-A F1.40(1)	<b>ALA2-5130-CS-2</b> RHR PUMP (A) Q1E11P001A	NMP-ES-024-203	--	S10F1V013	Sat	NA
F-A F1.40(1)	<b>ALA2-5130-CS-3</b> RHR PUMP (A) Q1E11P001A	NMP-ES-024-203	--	S10F1V014	Sat	NA

**TAB D**

**SUMMARY OF  
RECORDED  
INDICATIONS**



# **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-1 since the last maintenance/refueling outage (1R23) through the completion of the twentieth maintenance/refueling outage (1R23). 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-1 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:

1051500509	1080942033	1091223802	1101055201
1051571106	1080942034	1091290901	1101055202
1051571175	1080942035	1091291301	1101166902
1051571176	1080942036	1091294501	1101192101
1052553301	1080942037	1091334403	1101205502
1052888701	1080942038	1091560501	1101631601
1062842201	1080942039	1091674402	1102430901
1062849701	1080942040	1091921503	1103111801
1070138723	1082115101	1092221201	1103111901
1071658901	1082120801	1092222101	1103184001
1072124402	1082121101	1092222201	1103223901
1072524001	1082121201	1092225101	
1072954501	1090170301	1092225801	
1072955001	1090677402	1092225901	
1080942025	1090805801	1092226001	
1080942026	1090839501	1092226101	
1080942027	1090839502	1092226201	
1080942028	1090844201	1092714401	
1080942029	1090939901	1092811301	
1080942030	1091054301	1100371801	
1080942031	1091194201	1100371901	
1080942032	1091199502	1101054401	

## 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>Date: <u>November 11, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></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>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>1051500509</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</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>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: Q1P16F501B Unit 1 A-Train SW Strainer

5. (a) Applicable Construction Code: Section III, 1971 Edition, 1971 Winter 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)
1-1/2" Studs (qty:9)	TEXAS BOLT Co.	HI# J66257	N/A	PO: FNP-309	1973	REMOVED	NO
1-1/2" Nuts (qty:48)	TEXAS BOLT Co.	HI# 6041027	N/A	PO: FNP-309	1974	REMOVED	NO
1-1/2" Studs (qty:9)	TEXAS BOLT Co.	HI# 8969891TR FF23	N/A	PO: QP090512	2009	INSTALLED	NO
1-1/2" Nuts (qty:48)	TEXAS BOLT Co.	HI# M15693 TR CC40	N/A	PO: QP070949	2007	INSTALLED	NO

7. Description of Work: REPLACED NUTS AND 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

*Applicable Manufacturer's Data Reports to be attached*

Construction code of studs are unknown/referenced code year of strainer ASME SEC. III, 1971 ED. WINTER 1971 Addenda CL 3

Replacement studs are of construction ASME SEC. III, 1971 ED. WINTER 1971 Addenda Class 3

Construction code of Nuts are unknown/referenced code year of strainer ASME SEC. III, 1971 ED. WINTER 1971 Addenda

Replacement nuts are of construction ASME SEC. III, 1971 ED. WINTER 1983 Addenda Class 1

Material Grade Difference reconciled by FNP-0-QCP-22/Code year reconciled by ASME SEC. XI, Para. IWA-4224

No VT-2 Required

**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  
*Owner or Owner's Designee, Title*

Date: 1/25/11

**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 6/04/10 to 1/26/11, 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: NB# 12529 GA 827 AFN  
National Board, State, Province, and Endorsements

Date: 1/25/11

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 \_\_\_\_\_  
Name

40 Inverness Ctr Pkwy, B'ham, Al. 35242 Sheet 1 of 2  
Address

(as agent for Alabama Power Company)  
Address

2. Plant Farley Nuclear Plant Unit FNP-2  
Name

Highway 95 South, Columbia, Al. 36319 Farley Nuclear Plant WO# 1051571106  
Address Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed by SNOC Site Design - Mods Type Code Symbol Stamp N/A  
Name Authorization No. N/A

Highway 95 South, Columbia, Al. 36319 Expiration Date N/A  
Address

4. Identification of System P16 - Service Water - Class 3

5. (a) Applicable Construction Code 1971 Edition, Summer 1972, Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Ed, 2003 Add  
 (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 - Less Disch Head	Byron Jackson	721-E-0216	N/A	PO# FNP-220	1973	Removed	Yes
Discharge Head	Byron Jackson	508993-7	N/A	PO# QP3875	1973	Removed	Yes
2 In. Pipe	Daniel Constr.	74485	N/A	Q1P16HBC200-E4191	1975	Removed	No
2x2x1/2 In. Tee	Daniel Constr.	KS2T	N/A	Q1P16HBC200-E4191	1975	Removed	No
Pump	Sulzer	08C02140	N/A	QP080449	2008	Installed	Yes
Discharge Head	Penn Iron Works	6101N-2	487	p/o pmp s/n 08c02140	2006	Installed	Yes
2 In. Pipe	Michigan Seamless Tube	00A054337	N/A	QP080236	2006	Installed	No
2x2x1/2 In. Tee	Capitol Mfg. Co.	MA23	N/A	QP0022	1985	Installed	No

7. Description of Work Remove existing Byron Jackson 1E Service Water Pump and portions of associated piping and replace with new Sulzer pump and associated piping per DCP 1051571101.

8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  Exempt   
 Other  Pressure 103 psi Test Temp. 147 °F

# SHARED

Figure 1  
FORM NIS-2 (Back)

9. Remarks Code reconciliation for pump and replacement parts provided in DCP 1051571101 and J.M. Farley Nuclear Plant Piping  
Applicable Manufacturer's Data Reports to be attached  
Specification SS-1109-02, Ver. 156. All replacement material and parts listed herein were installed per Work Order 1051571106. Material  
transactions for this WO are 147988, 148021, and 138166.

**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in the report are correct and that this REPLACEMENT <sup>ON</sup> 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] Modifications Supervisor Date 10/22/10  
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 12/08/09 to 10/22/10, 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.

[Signature] \_\_\_\_\_ Commissions NB# 12504 AIN GA827  
Inspector's Signature National Board, State, Province and Endorsements

Date 10/22/10

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 June 17, 2010  
 Name  
40 Inverness Center Parkway  
Birmingham, Alabama 35242  
(an agent for Alabama Power Company) Sheet 1 of 2  
 Address
2. Plant Farley Nuclear Plant Unit 1  
 Name  
Highway 95 South  
Columbia, Alabama 36319 P16 - WO# 1051571175  
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Southern Nuclear Operating Company / ES - Modifications Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
Farley Nuclear Plant Expiration Date N/A  
 Address
4. Identification of System P16 / Service Water
5. (a) Applicable Construction Code ASME Section III Edition, 1971 Addenda, 1971 Code Case  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Addenda, 2003  
 (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 ASSEMBLY	SULZER PUMPS (US), INC	08C02139	N/A	P.O. QP060449	2007	REMOVED	YES
SUCTION HEAD	PENN IRON WORKS, INC.	6101N-6	470	P.O. QP060449	2007	INSTALLED	YES
PUMP	SULZER	08C02145	N/A	P.O. QP060449	2007	INSTALLED	YES
PIPE	MICHIGAN SEAMLESS PIPE	1M35684	N/A	P.O.QP040263	2003	REMOVED	N/A
PIPE	MICHIGAN SEAMLESS PIPE	A00054337	N/A	P.O.QP080023	2006	INSTALLED	N/A

7. Description of Work The removed SW Pump and Discharged Head was sent off to be refurbished (Reference P.O. QP100515)  
The newly installed refurbished 1A SW Pump was installed using Transaction Number 187196 by W.O. 1051571175 and the  
refurbished Discharged Head was installed using Transaction Number 186820 by W.O. 10515711AG. 2 inch Pipe was installed  
using Transaction Number 187030.

8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  Exempt   
 Other  Pressure (89) psi Test Temp. (Ambient) °F

Figure 1  
FORM NIS-2 (Back)

9. Remarks The replacement pump was manufactured by SULZER and is a all stainless steel constructed unit. It was acquired under P.O. QP060449.

Applicable Manufacturer's Data Reports to be attached

The vacuum breaker piping assembly (including component supports) was cut off the removed discharged head to support pump removal and re-welded back onto the refurbished discharged head after the replacement pump was installed. Reference W.O.# 1051571175 - See Transaction # 187030.

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	 SD MODS Engineers Owner or Owner's Designee, Title	Date	2/10/11

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 6/15/10 to 2/10/11, 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 <u>NB#12569 GA 827 AIN</u> National Board, State, Province and Endorsements
Date <u>2/10/11</u>	

**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 November 24, 2010  
 Name  
40 Inverness Center Parkway  
Birmingham, Alabama 35242  
(an agent for Alabama Power Company)  
 Address
2. Plant Forsyth Nuclear Plant Unit One  
 Name  
Highway 95 South  
Columbia, Alabama 36319  
 Address  
P16 - WO# 1051571176  
 Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Southern Nuclear Operating Company / ES - Modifications Type Code Symbol Stamp N/A  
 Name  
Forsyth Nuclear Plant  
 Address  
 Authorization No. N/A  
 Expiration Date N/A
4. Identification of System P16 - Service Water
5. (a) Applicable Construction Code ASME Section III Edition, 1971 Addenda, 1971 Code Case  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Addenda, 2003  
 (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 ASSEMBLY	SULZER	08C02140	N/A	P.O.# QP060449	2008	REMOVED	YES
PUMP (ONLY)	SULZER	8C02141	N/A	P.O.# QP060449	2008	INSTALLED	YES
SS-2869 (PC# 4 & 5)	DANIEL CONSTR.	N/A	N/A	P.O.# UNKNOWN	1976	REMOVED	NO
SS-2869 (PC# 4 & 5)	CMC STEEL	N/A	N/A	HT# J62666	2006	INSTALLED	NO
2 INCH PIPE	MICHIGAN SEAMLESS TUBE	N/A	N/A	P.O.# QP080236 HT# 00A054337	2006	REMOVED	NO
2 INCH PIPE	MICHIGAN SEAMLESS TUBE	N/A	N/A	P.O.# QP080236 HT# 00A054337	2006	REPLACED	NO
DISCHARGE HEAD	PENN IRON WORKS, INC	N/A	486	P.O.# QP060449 HT# 6101N-1	006	INSTALLED	NO

7. Description of Work Replaced Discharge Head and SW Pump for Unit 1 SW Pump Q1P16P001E.

8. Test Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  Exempt   
 Other  Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

Figure 1  
FORM NIS-2 (Back)

9. Remarks All work performed under WO# 1051571176. Pump repaired under PO# QP100514.  
Discharge Head was repaired under PO# QP090507.

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	<u>Ray Lab</u> Site Modifications Supervisor Owner or Owner's Designee, Title	Date	<u>12/14/10</u>

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 9/13/10 to 12/12/10, 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.

<u>[Signature]</u> Inspector's Signature	Commissions <u>NO# 12564 6A827 AIN</u> National Board, State, Province and Endorsements
Date <u>12/14/10</u>	

## 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>  <small style="margin-left: 100px;">Name</small>  <u>40 Inverness Center Parkway; Birmingham, AL 35242</u>  <small style="margin-left: 100px;">Address</small></p>	<p>Date: <u>November 11, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p>
<p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u>  <small style="margin-left: 100px;">Name</small>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <small style="margin-left: 100px;">Address</small></p>	<p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>1052553301</u>  <small style="margin-left: 100px;">Repair/Replacement Organization PO No, Job No, etc.</small></p>
<p>3. Work Performed By: <u>FNP Maintenance Department</u>  <small style="margin-left: 100px;">Name</small>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <small style="margin-left: 100px;">Address</small></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: Q1G31V007 DW TO SFP ISO

5. (a) Applicable Construction Code: Section III, 1971 Edition, 1972 Summer Addenda, 1540-1 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 Bonnet	TT GRINNELL Corp	73-2779-12-4	N/A	FNP-384	1974	REMOVED	YES
Valve Bonnet	ITT Corporation	833408-001-002	N/A	QP090682	1974	INSTALLED	YES

7. Description of Work: REPLACED VALVE BONNET

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*

Valve Bonnet Construction code is ASME SEC. III, 1971 ED. Thru Winter 1972 Addenda, cc 1540-1 CL 3

Replacement Valve Bonnet ASME SEC. III, 1971 ED. Thru Summer 1972 Addenda, w/ Code case 1540-1 CL 3

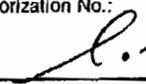
Reference Equivalency Determination 1090134101ED which addresses minor, construction/material differences

---



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VT-2 Performed. Sat

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 <i>Owner or Owner's Designee, Title</i>	Date:	1/25/11

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 <u>GEORGIA</u> and employed by <u>NBB CT</u> of <u>HARTFORD, CT</u> have inspected the components described in this Owner's Report during the period <u>2/12/10</u> to <u>1/25/11</u> 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: <u>NB # 12504 GA 807 AFN</u> National Board, State, Province, and Endorsements
Date:	<u>1/26/11</u>

## 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>January 18, 2011</u>  Sheet: <u>1</u> of <u>2</u>  Unit: <u>FNP Unit 1</u>  Work Order No.: <u>WO 1052888701</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i>
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>	Type Code Symbol Stamp: <u>N/A</u>  Authorization No.: <u>N/A</u>  Expiration Date: <u>N/A</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>	

4. Identification of System: TPNS : Q1N11PV3371G MAIN STEAM ATMOSPHERIC RELIEF VALVE (code class 2)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Summer 72' 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)
Bonnet	Fisher	6014245-3	N/a	FNP302	1976	REMOVED	YES
Primary Plug	Fisher	16482-2	N/a	QP1337	1987	REMOVED	YES
Bonnet	Fisher	8183SN8	N/a	40525	1987	INSTALLED	YES
Primary Plug	Fisher	273996-1D	N/a	QP070181	2007	INSTALLED	YES

7. Description of Work: Primary Plug and Bonnet 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*

Replacement Plug is per ASME sec. III, 1971 Edition, Summer 1972 Addenda

Replacement Bonnet is per ASME sec. III, 1971 Edition, Summer 1972 Addenda

VT-2 completed Sat.

Transaction #'s: 199038, 198979

**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, Maintenance Spt, Support Date: 1/21/11  
*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 1/28/10 to 1/26/11, 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: NBS # 12584 6/18/27 A-FV  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/26/11



**FORM NIS-2 (Back)**

9. Remarks

*Applicable Manufacturer's Data Reports to be attached*

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

Reference equivalency determination (LED) 96-0-0225 Rev 1

Ref: Transaction # 161430

**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: Leonard J. Smith Leonard Smith Asst Maint Mgr Date: 6-8-09  
*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 HSS CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/09/07 to 6/30/09, 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: 6/30/09

## 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>May 21, 2009</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>G24 - W01082849701</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>

4. Identification of System: 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	38221	N/A	QP-1995	1987	Removed	NO
Hydraulic Snubber	Lisege	30500420/037	N/A	QP060158	2006	Installed	NO

7. Description of Work: Snubber SS-4455A was replaced as a scheduled upgrade Ref: Transaction #161432

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 AICS-1969 and welded to AWS D1.1-86.

Reference equivalency determination (LED) 96-0-0225 Rev 1

Ref: Transaction #161432

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: Leonard J Smith Leonard Smith Asst Maint Mgr Date: 6-8-9  
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 10/04/07 to 6/30/09, 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: 6/30/09

# 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 P16-DCP-1070138701-01		Sheet 1 of 3			
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 1			
				Date 2/7/11			
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 P16 SERVICE WATER, ASME CLASS 3							
5. (a) Applicable Construction Code: _____ * _____ 19 * Edition _____ * _____ Addenda, _____ * _____ Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, 20 01 Edition _____ 2003 _____ Addenda, _____ N/A _____ Code Case (c) Applicable Section XI Code Case(s): _____ N/A _____							
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)
VALVE	ITT HAMMEL-DAHL	72/8475/041	N/A	QIP16FV3009C-FNP269	1975	REMOVED	YES
VALVE	FISHER	18406553	7569	QIP16FV3009C-QP070923	2008	INSTALLED	YES
PIPE	GRINNEL	N51560	N/A	P16-HBC-46-FNP-210	1973	REMOVED	NO
PIPE	SWEPKO	606221	N/A	P16-HCC-46-QP080891	2008	INSTALLED	NO
20" 300# ORIFICE FLANGE	GRINNEL	6031091	N/A	P16-HBC-46-FNP-210	1973	REMOVED	NO
20" 300# ORIFICE FLANGE	WESTERN FORGE	46098	N/A	P16-HCC-46-QP080891	2008	INSTALLED	NO
20" 150# FLANGE	GRINNEL	67B	N/A	P16-HBC-46-FNP-210	1973	REMOVED	NO
20" 150# WELD NECK FLANGE	WESTERN FORGE	245795	N/A	P16-HCC-46-QP080891	2008	INSTALLED	NO
20" 150# SLIP ON FLANGE	WESTERN FORGE	245795	N/A	P16-HCC-46-QP080891	2008	INSTALLED	NO
1 1/4" STUDS	UNKNOWN	UNKNOWN	N/A	NIP16FE3009C	UNKN OWN	REMOVED	NO
1 1/4" NUTS	UNKNOWN	UNKNOWN	N/A	NIP16FE3009C	UNKN OWN	REMOVED	NO
1 1/8" STUDS	UNKNOWN	UNKNOWN	N/A	UNKNOWN	UNKN OWN	REMOVED	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	
P16-DCP-1070138701-01	Sheet 2 of 3

1 1/8" NUTS	UNKNOWN	UNKNOWN	N/A	UNKNOWN	UNKN OWN	REMOVED	NO
1 1/4" STUDS	MACKSON NOVE MACHINE PRODUCTS	BSN M32072	N/A	QP090920 QP091090	2009	INSTALLED	NO
1 1/4" NUTS	NOVE MACHINE PRODUCTS	M23663	N/A	QP091090	2009	INSTALLED	NO
1 1/8" STUDS	NOVE MACHINE PRODUCTS	3005167	N/A	QP091090	2009	INSTALLED	NO
1 1/8" NUTS	NOVE MACHINE PRODUCTS	251897	N/A	QP091090	2009	INSTALLED	NO

**7. Description of Work**  
 Replaced Q1P16FV3009C, installed 4 new flanges and replaced a portion of carbon steel pipe with stainless steel pipe per DCP 1070138701 and WO 1070138723.

**8. Test Conducted**  
 Hydrostatic     Pneumatic     Normal Operating Pressure     Exempt     Other  
 Pressure 100 PSI    Temperature 90 °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 3 of 3
P16-DCP-1070138701-01	

**9. Remarks (Applicable Manufacturer's Data Reports to be attached)**  
 \* Construction Code for valve: ASME Section III, 1971 Edition, Summer 72 Addenda  
 Construction Code for piping components: ASME Section III, 1971 Edition, Summer 71 Addenda

Valve Q1P16V3009C was replaced per WO 1070138723. See transaction # 187689 for applicable material issue information.

One 20" 300# weld neck orifice flange for Q1P16FE3009C and (24) 1 1/4" studs and (48) 1 1/4" nuts were replaced per WO 1070138723. See transaction # 186174 and #187496 for applicable material issue information.

Two slip-on 20" 150# flanges and (40) 1 1/8" studs and nuts were installed per WO 1070138723. See transaction # 187175 and # 187496 for applicable material issue information.

One weld neck 20" 150# flange and (20) 1 1/8" studs and nuts were installed per WO 1070138723. See transaction # 186714, and 187496 for applicable material issue information.

20" Sch 40 pipe was installed per WO 1070138723. See transaction # 186174 for applicable material issue information.

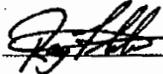
VT-2 leak test was performed per work order 1070138723.

### 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  2/9/11 Plant MODS Supervisor Date 2/9/11  
 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 1/20/11 to 2/09/11, 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.

 Commissions NB # 72504 GA 827 AEW  
 Inspector's Signature National Board, State, Province, and Endorsements

Date 2/09/11

**FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\***

As Required by the Provisions of the ASME Code Rules

1. Manufactured by ITT Hammel-Dahl/Conoflow, 175 Post Rd., Warwick, RI Order No. 72/8475/041  
(Name & Address of Manufacturer)

2. Manufactured for Bechtel Corporation Order No. FNP-269  
(Name and Address)

3. Owner Farley I - Alabama Power

4. Location of Plant Doffin, Alabama

5. Pump or Valve Identification 72/8475/041 Tag No. Q1P16FV-5009C  
20" 150# ANSI Metal Coated Butterfly Valve  
(Brief description of service for which equipment was designed)

(a) Drawing No. V6711-2A Prepared by ITT Hammel-Dahl/Conoflow

(b) National Board No. N/A

6. Design Conditions 150 psi 125 °F  
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 3  
 Edition 1971 Addenda Date Summer '72 Case No. \_\_\_\_\_

Mark No.	Material Spec. No.	Manufacturer	Remarks
<b>(a) Castings</b>			
Body (120852)	SA-216	Quaker Alloy	WCB
Valve Disc (120853)	SA-351	Quaker Alloy	CF8M
<b>(b) Forgings</b>			

**RECEIVED**  
 AUG 18 1976  
 OGD

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

Q-1 (100) FNP-269

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FORM NPV-1 (back)

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
(d) Other Parts			
Pipe Plugs (120717)	SA-479	Carpenter Tech.	316

8. Hydrostatic test 425 psi.

CERTIFICATION OF DESIGN

Design information on file at ITT Hammel-Dahl/Conoflow  
 Stress analysis report on file at N/A  
 Design specifications certified by Sabin Crooker Jr. (I) Prof. Eng. State MA Reg. No. 2504  
 Stress analysis report certified by R.E. Soderberg (I) Prof. Eng. State MA Reg. No. 14273  
 (I) Signature not required. List name only.

We certify that the statements made in this report are correct.

Date 6/13 19 75 Signed ITT Hammel-Dahl/Conoflow *[Signature]*  
 (Manufacturer)

Certificate of Authorization No. 975 expires 1/6/78

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 of Province of Rhode Island and employed by Lumberman's Mutual Casualty Co. of Long Grove, Illinois have inspected the equipment described in this Data Report on June 13 19 75 and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III.

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 a loss of any kind arising from or connected with this inspection.

Date June 13 19 75

*[Signature]* (Inspector) Commission No. NB 6004 (National Board, State, Province and No.)

RECEIVED  
 AUG 18 1975  
 QCDS

0 8 5 5 2 5 0 3

## 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>Date: <u>December 6, 2010</u></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>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>WO 1071658901</u></p> <p><i>Repair/Replacement Organization PO No, Job No, etc.</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>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 : Q1E21P002A 1A CHG PUMP (code class 2)

5. (a) Applicable Construction Code: Section III, 1968 Edition, w/ Sum 1968 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)
Seal Housing (Inboard)	Flowserve	HT#5210 RLSA07954	N/a	QP050820	2005	REMOVED	YES
Seal Housing (outboard)	Flowserve	Ht# 2E229-AK	N/a	QP3929	1986	REMOVED	YES
Seal Housing (Inboard)	Flowserve	RLSA13053	N/a	QP090230	2005	INSTALLED	YES
Seal Housing (outboard)	Flowserve	RLSA13054	N/a	QP090230	1986	INSTALLED	YES

7. Description of Work: REPLACEMENT Pump Seal Housings

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 Difference in code is reconciled in the CFC of PO QP090230

*Applicable Manufacturer's Data Reports to be attached*

Replacement Seals ASME Sec. III 1968, with Winter 1968 Addenda code class 2

VT-2 completed Sat.

Transaction #'s: 187721

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: 1/7/11  
*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 10/23/10 to 1/24/11, 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: NB # 12584 GA827 AIN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/24/11



Figure 1

9. Remarks 1/2" Plate A516 Gr. 70 was issued per transaction # 131572, cut to fit and installed per MDC# 1072124401 instructions.  
Welds were performed by qualified welders using a qualified procedure. Welds were examined by MT testing per NMP-ES-024-401 and the  
A VT-3 examination was performed per NMP-ES-024-204 on the completed assembly.

CERTIFICATE OF COMPLIANCE			
We certify that the statements made in the report are correct and that this		<u>Replacement</u>	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	<u>[Signature]</u> DESIGN SUPERVISOR Owner or Owner's Designee, Title	Date	<u>2/7/2011</u>

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 <u>GEORGIA</u> and employed by <u>HSB CT</u> of <u>HARTFORD, CT</u> have inspected the components described in this Owner's Report during the period <u>2/02/10</u> to <u>2/07/11</u> , 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.	
<u>[Signature]</u> Inspector's Signature	Commissions <u>NB# 725646A 827 AIN</u> National Board, State, Province and Endorsements
Date <u>2/07/11</u>	

## 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>December 1, 2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>WO 1072524001</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i>
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>	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 . Q1E12H001C 1C CTMT COOLER (code class 3)

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 5/8"w/ nuts (18)	unknown	unknown	N/A	unknown	unk	REMOVED	NO
Stud 5/8"w/ nut (1)	Dubose	NBA/43236	N/A	QP970684	1997	INSTALLED	NO
Studs 5/8"w/ nuts (9)	Nova Machine	50169080	N/A	QP090399	2009	INSTALLED	NO
Studs 5/8"w/ nuts (4)	Nova Machine	230111/217100	N/A	QP060210	2006	INSTALLED	NO
Studs 5/8"w/ nuts (4)	Nova Machine	99694	N/A	QP991140	2000	INSTALLED	NO

7. Description of Work: REPLACEMENT STUDS w/ 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

Applicable Manufacturer's Data Reports to be attached

Replacement of Studs and Nuts per ASME Section III, NC 1989 no addenda class 2

and ASME Sec. III, NC 1983 thru Wtr. 1983 Subsection NC class 2

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

The Specification requires the material to be SA194 Gr. 2H and SA193Gr. B7 for nuts and studs

Transaction #: 198961

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: 1/25/11  
*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 3/24/09 to 1/26/11, 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: NB # 12564 GA827 MIN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/26/11

## 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>Date: <u>November 30, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></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>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>WO 1072954501</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</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>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 : Q1P16V032B 1B CS PUMP RM COOLER INLET ISO VALVE (code class 3)

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)
Inlet Nuts 3/4"-10 UNC (8)	unknown	unknown	N/A	unknown	unk	REMOVED	NO
Studs 3/4"-10UNC 2Ax7.2	unknown	unknown	N/A	unknown	unk	REMOVED	NO
Inlet Nuts 3/4"-10 UNC (8)	Nova Machine Prod	5092414	N/A	QP10082	2010	INSTALLED	NO
Studs 3/4"-10UNC 2Ax7.2	Nova Machine	3008725	N/A	QP100560	2010	INSTALLED	NO

7. Description of Work: REPLACEMENT 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

*Applicable Manufacturer's Data Reports to be attached*

Replacement of Studs and Nuts per ASME Section III, NC 1989 no addenda

FNP Piping Specification SS 110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

Transaction #: 198148

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: 1/25/11  
*Writer 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 10/23/10 to 1/26/11, 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: NB# 12539 6A827 AIN  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/26/11

## 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: December 1, 2010  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 1  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address* Work Order No.: WO 1072955001  
*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 : O1P16V037D B TRN SW SUPP TO 1B CHG PUMP RM CLR VALVE (code class 3)

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)
Inlet Nuts 3/4"-10 UNC (8)	unknown	unknown	N/A	unknown	unk	REMOVED	NO
Studs 3/4"-10UNC 2Ax7.2	unknown	unknown	N/A	unknown	unk	REMOVED	NO
Inlet Nuts 3/4"-10 UNC (8)	Nova Machine Prod	3008725	N/A	QP10082	2010	INSTALLED	NO
Studs 3/4"-10UNC 2Ax7.2	Nova Machine	5092414	N/A	QP100560	2010	INSTALLED	NO

7. Description of Work: REPLACEMENT 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

*Applicable Manufacturer's Data Reports to be attached*

Replacement of Studs and Nuts per ASME Section III, NC 1989 no addenda class 2 and 1

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

The Specification requires the material to be SA194 Gr. 2H and SA193 Gr.7 for nuts and studs

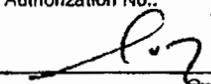
Transaction #: 198164

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: 1/25/11  
*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 H36 CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/05/10 to 1/26/11, 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: NB# 1252481827 ASN  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/26/11

## 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>December 13, 2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>P16 - 1080942025</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>

4. Identification of System: TPNS: Q1P16V216Q - HCC-29 SW Return from 1C CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
PIPE	TIOGA	285192	N/A	QP-1674	1987	Removed	No
ELBOW	HUB	R95R	N/A	QP-2030	1987	Removed	No
VALVE	KEROTEST	GSI-8	N/A	FNP-295	1974	Removed	YES
PIPE	Sandvik	519775	N/A	PO: QP09740	2007	Installed	No
ELBOW	BONNEY FORGE	44013	N/A	PO: QP100157	2007	Installed	No
VALVE	BNL	A070809-1-40	N/A	PO: QP070775	2008	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/

para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

Replacement Elbow pipe is ASME Sec. II & III, Subsection ND, 1983 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat.

Transaction #'s: 190050

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: 1/8/11  
*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 1/30/11 to 1/24/11, 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: NB125616A027 AIN  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/24/11

## 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: December 9, 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 1

Work Order No.: P16 - 1080942026

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: Q1P16V216R - HCC-39 SW Return from 1C CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
VALVE	KEROTEST	GSI-9	N/A	FNP-295	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO: QP090740	2009	Installed	No
VALVE	BNL	A070809-1-58	N/A	PO: QP070775	2008	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/ para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat.

Transaction #'s: 192950, 190020

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: Soz Asia O. Jerkins, Maintenance Spt, Support Date: 1/2/11  
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 MARTIN, CT have inspected the components described in this Owner's Report during the period 6/30/10 to 1/29/11, 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: NB# 12564 61822 1311  
National Board, State, Province, and Endorsements

Date: 1/29/11

## 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 style="text-align: center;">Name</i> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <i style="text-align: center;">Address</i>	Date: <u>December 13, 2010</u>  Sheet: <u>1</u> of <u>2</u>  Unit: <u>FNP Unit 1</u>  Work Order No.: <u>P 16 - 1080942027</u> <i style="text-align: center;">Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</u>  Authorization No.: <u>N/A</u>  Expiration Date: <u>N/A</u>
2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <i style="text-align: center;">Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i style="text-align: center;">Address</i>	
3. Work Performed By: <u>FNP Maintenance Department</u> <i style="text-align: center;">Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i style="text-align: center;">Address</i>	

4. Identification of System: TPNS: Q1P16V216S - HCC-29 SW Supply from 1C CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 \* Edition, Winter 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)
PIPE	TIOGA	285192	N/A	QP-1674	1987	Removed	No
VALVE	KEROTEST	GSI-10	N/A	FNP-295	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO: QP090740	2009	Installed	No
VALVE	BNL	A070809-1-19	N/A	PO: QP070775	2008	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

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Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/  
para. NB6111.1C of Winter 1972 Addenda, class 3

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Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

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FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

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VT-2 completed Sat.

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Transaction #'s: 190027, 192951

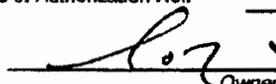
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**CERTIFICATE OF COMPLIANCE**

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 Authorizallon No.: \_\_\_\_\_ N/A      Expiration Date: \_\_\_\_\_ N/A

Signed:  Asia O. Jerkins, Maintenance Spt, Support      Date: 1/2/11  
*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 12/30/10 to 1/2/11, and state that to the best of my knowledge and belief, the Owrier 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 llable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

      Commissions: NB\*12567 GA 827 AN  
*Inspector's Signature*      *National Board, State, Province, and Endorsements*

Date: 1/2/11

## 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: December 9, 2010

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

Sheet: 1 of 2

Unit: FNP Unit 1

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

Work Order No.: P16 - 1080942028

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: Q1P16V216T - HCC-39 SW Return from 1C CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
VALVE	KEROTEST	GSI-11	N/A	FNP-295	1974	Removed	YES
PIPE	Sandvik	513912	N/A	PO: QP080626	2007	Installed	No
VALVE	BNL	A070809-1-8	N/A	PO: QP070775	2007	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/

para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat.

Transaction #'s: 190169

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: \_\_\_\_\_

*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 6/30/10 to 1/18/11, 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: NB# 12561 69827 AEN  
National Board, State, Province, and Endorsements

Date: 1/18/11

## 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>December 9, 2010</u> <hr/> Sheet: <u>1</u> of <u>2</u> <hr/> Unit: <u>FNP Unit 1</u> <hr/> Work Order No.: <u>P16 - 1080942029</u> <i>Repair/Replacement Organization PO No., Job No., etc.</i> 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: TPNS: Q1P16V218U - HCC-29 SW Supply to 1C CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
PIPE	TIOGA	285192	N/A	QP-1674	1987	Removed	No
ELBOW	HUB	R95R	N/A	QP2030	1987	Removed	No
VALVE	KEROTEST	GSI-12	N/A	FNP-295	1975	Removed	YES
PIPE	SANDVIK	513912	N/A	QP080626	2007	INSTALLED	No
ELBOW	Bonney Forge	44012	N/A	QP090059	2006	INSTALLED	No
VALVE	BNL	A070809-1-3	N/A	QP070775	2007	INSTALLED	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/  
para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

Replacement Elbow is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat.

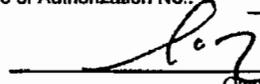
Transaction #'s: 190225

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: 1/9/11  
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 HESB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 6/30/10 to 1/13/11, 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: NB # 12504-61827 AIN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/13/11

## 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 Riverness 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>December 9, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>P16 - 1080942030</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. Q1P16V216V - HCC-39 SW Supply to 1C CTMT Cooler Drain (ASME Class 3)</u></p>	
<p>5. (a) Applicable Construction Code: <u>Section III</u>, <u>1971</u> Edition, <u>Winter 1971</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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
ELBOW	unknown	unknown	unk	unknown	unk	unknown	unk
VALVE	KEROTEST	CS4-3	N/A	FNP-295	1975	Removed	YES
Socketlet	unknown	P16 HBC - 39	N/A	unknown	unk	unknown	unk
Cap	unknown	P16 HBC - 39	N/A	unknown	unk	unknown	unk
PIPE	SANDVIK	513912	N/A	QP080626	2007	INSTALLED	No
ELBOW	Bonney Forge	44012	N/A	QP090059	2006	INSTALLED	No
VALVE	BNL	A070809-1-15	N/A	QP070775	2007	INSTALLED	YES
Socketlet	WFI	4949ANB	N/A	QP101074	2010	INSTALLED	No
Cap	TFA	T118BD-9	N/A	QP090606	2009	INSTALLED	No

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec III, 1971 edition, winter 1971 Addenda w/ para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

Replacement Elbow is ASME Sec. II & III, Subsection ND, 1983 Edition no addenda, class 3

Replacement Pipe Cap and Socket is ASME sec II & III Sub NC 1998 Edition, no Addenda class2; and 1998 Ed. Thru 2000 Ad.

PNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

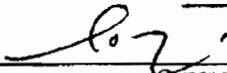
Transaction #'s: 1901157, 198618, VT-2 completed Sat.

**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: 1/8/11  
*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 6/30/10 to 1/20/11, 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: NB # 12284 GA-827 AIN  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/20/11

## 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>December 9, 2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>P16 - 1080942031</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i>
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>	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: Q1P16V216W - HCC-29 SW Return from 1C CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
VALVE	KEROTEST	CS4-4	N/A	FNP-295	1974	Removed	YES
PIPE	Sandvik	519775	N/A	PO: QP090740	2009	Installed	No
VALVE	BNL	A070809-1-6	N/A	PO: QP070775	2007	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/ para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat.

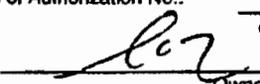
Transaction #'s: 190023

**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: 1/2/11  
*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 1/20/10 to 1/18/11, 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: NB# 125266827 AIN  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/18/11

**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: December 13, 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 1  
 Work Order No.: P16 - 1080942032  
*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: Q1P16V216X - HCC-39 SW Return from 1C CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 \* Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
VALVE	KEROTEST	CS4-5	N/A	FNP-295	1975	Removed	YES
PIPE	Sandvik	513912	N/A	PO: QP080626	2007	Installed	No
VALVE	BNL	A070809-1-41	N/A	PO: QP070775	2008	Installed	YES

7. Description of Work: SW Valve and Pipe Replacement

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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/  
para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat.

Transaction #'s: 190074

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, Maintenance Spt, Support Date: 1/8/10  
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 6/22/10 to 1/24/11, 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: NB #12524 GA 877 AIN  
National Board, State, Province, and Endorsements

Date: 1/24/11

## 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>Date: <u>December 13, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></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>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>P16 - 1080942033</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</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>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: Q1P16V218A - HCC-29 SW Supply from 1D CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	TIOGA	285192	N/A	QP-1674	1987	Removed	No
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
ELBOW	HUB	R95R	N/A	QP-2030	1987	Removed	No
VALVE	KEROTEST	DX10-24	N/A	FNP-295	1975	Removed	YES
PIPE	Sandvik	513812	N/A	PO: QP080626	2007	Installed	No
ELBOW	BONNEY FORGE	44012	N/A	PO: QP1091051	2006	Installed	No
VALVE	BNL	A070809-1-45	N/A	PO: QP070775	2008	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/  
para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat:

Transaction #'s: 190071

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: 1/8/11  
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 6/30/10 to 1/24/11, 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: NB # 12564 GA 827 IN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/24/11

## 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>December 9, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>P16 - 1080942034</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: Q1P16V218B - HCC-39 SW Return from 1D CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
VALVE	KEROTEST	DX12-14	N/A	FNP-295	1975	Removed	YES
PIPE	Sandvik	513912	N/A	PO: QP080626	2007	Installed	No
VALVE	BNL	A070809-1-79	N/A	PO: QP070775	2008	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

Applicable Manufacturer's Data Reports to be attached

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Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/  
para. NB6111.1C of Winter 1972 Addenda, class 3

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Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

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FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

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VT-2 completed Sat.

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Transaction #'s: 190178

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**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: 1/20/11  
*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 6/30/10 to 1/24/11, 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: NB 122464827 NCV  
National Board, State, Province, and Endorsements

Date: 1/24/11

**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: December 9, 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 1

Work Order No.: P16 - 1080942035

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: Q1P16V218C - HCC-29 SW Return from 1D CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
VALVE	KEROTEST	JO7-1	N/A	FNP-295	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO: QF090740	2009	Installed	No
VALVE	BNL	A070809-1-18	N/A	PO: QF070775	2007	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/

para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat.

Transaction #'s: 190025

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: 1/2/11  
*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 HBB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/02/10 to 1/18/11, 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: NB 125A 61827 AIN  
National Board, State, Province, and Endorsements

Date: 1/18/11

## 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>Date: <u>December 9, 2010</u></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>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>P16 - 1080942036</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</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>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: Q1P16V218D - HCC-39 SW Return from 1D CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
VALVE	KEROTEST	JO7-2	N/A	FNP-295	1975	Removed	YES
PIPE	Sandvik	513912	N/A	PO: QP070626	2007	Installed	No
VALVE	BNL	A070809-1-20	N/A	PO: QP070775	2007	Installed	YES

7. Description of Work: SW Valve and Pipe 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 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>December 9, 2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>P16 - 1080942037</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>

4. Identification of System: TPNS: Q1P16V218E - HCC-29 SW Supply to 1D CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
PIPE	TIOGA	285192	N/A	QP-1674	1987	Removed	No
ELBOW	HUB	R95R	N/A	QP2030	1987	Removed	No
VALVE	KEROTEST	JO7-3	N/A	FNP-295	1975	Removed	YES
PIPE	SANDVIK	513912	N/A	QP080626	2007	INSTALLED	No
ELBOW	Bonney Forge	44053	N/A	QP100157	2007	INSTALLED	No
VALVE	BNL	A070809-1-16	N/A	QP070775	2007	INSTALLED	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached.*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/ para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

Replacement Elbow is ASME Sec. II & III, Subsection ND, 1983 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat.

Transaction #'s: 190190

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: 1/24/11  
*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 6/30/10 to 1/24/11 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: NB # 12564 64827 AIN  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/24/11

## 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: December 9, 2010  
*Name*  
40 Inverness Center Parkway, Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 1  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address* Work Order No.: P16 - 1080942038  
*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: Q1P16V218F - HCC-39 SW Return from 1D CTMT Cooler Drain (ASME Class 3)
5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
VALVE	KEROTEST	JO7-4	N/A	FNP-295	1975	Removed	YES
PIPE	Sandvik	513912	N/A	PO: QP080626	2007	Installed	No
VALVE	BNL	A070809-1-4	N/A	PO: QP070775	2007	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/  
para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat;

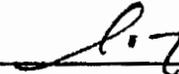
Transaction #'s: 190197

**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: 1/24/11  
*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 6/30/10 to 1/24/11, 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: NB#12569 61-827 AIN  
National Board, State, Province, and Endorsements

Date: 1/24/11

## 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: December 9, 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 1

Work Order No.: P16 - 1080942039  
 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: Q1P16V218G - HCC-39 SW Return from 1D CTMT Cooler Drain (ASME Class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, Winter 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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
VALVE	KEROTEST	JO7-5	N/A	FNP-295	1975	Removed	YES
PIPE	Sandvik	519775	N/A	PO: QP090740	2009	Installed	No
VALVE	BNL	A070809-1-48	N/A	PO: QP070775	2008	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/  
para. NB6111.1C of Winter 1972 Addenda, class 3

Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat.

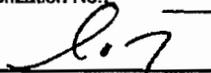
Transaction #'s: 192948, 190026

**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: 1/21/11  
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 HSECT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 1/30/10 to 1/19/11, 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: NB\*1356A GAS27 AIN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/19/11

## 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>December 9, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>P16 - 1080942040</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: Q1P16V218H - HCC-39 SW Return from 1D CTMT Cooler Drain (ASME Class 3)</u></p>	
<p>5. (a) Applicable Construction Code: <u>Section III</u>, <u>1971</u> * Edition, <u>Winter 1971</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)
PIPE	McJunkin	L65803	N/A	7047-Q-62574	1973	Removed	No
VALVE	KEROTEST	JO7-6	N/A	FNP-295	1975	Removed	YES
PIPE	Sandvik	513912	N/A	PO: QP080626	2007	Installed	No
VALVE	BNL	A070809-1-54	N/A	PO: QP070775	2008	Installed	YES

7. Description of Work: SW Valve and Pipe 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 Reference MDC 1080942001 for reconciliation of material difference

*Applicable Manufacturer's Data Reports to be attached*

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Valve Code of construction and replacement valve code is ASME sec. III, 1971 edition, winter 1971 Addenda w/  
para. NB6111.1C of Winter 1972 Addenda; class 3

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Replacement pipe is ASME Sec. II & III, Subsection ND, 1986 Edition no addenda, class 3

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FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

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VT-2 completed Sat.

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Transaction #'s: 190204

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#### 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

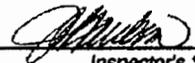
Certificate of Authorization No.: \_\_\_\_\_ N/A Expiration Date: \_\_\_\_\_ N/A

Signed:  Asia O. Jerkins, Maintenance Spt, Support Date: 1/6/11  
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 6/30/10 to 1/19/11, 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: NB# 2524 GA827 AIN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/19/11

## 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: November 11, 2010  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 1  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address* Work Order No.: 1082115101  
*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: Q1P16F021 SW INLET TO 1B EDG AIR COOLANT HX
5. (a) Applicable Construction Code: Section III, 1971 Edition, 1971 Winter 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)
(8") EXPANSION JOINT	Tube Turns	47292	N/A	FNP359	1974	REMOVED	YES
STAY ROD NUTS (16)	Unk. Senior Flex.	MTCN: TDL167	N/A	QP081084	2009	REMOVED	NO
STAY RODS (4)	Unk. Senior Flex.	MTCN: TDL167	N/A	QP081084	2009	REMOVED	NO
MOUNTING STUDS (16)	Unknown	Unknown	N/A	Unknown	Unk	REMOVED	NO
MOUNTING NUTS (32)	Unknown	Unknown	N/A	Unknown	Unk	REMOVED	NO
EXPANSION JOINT	Senior Flexonics	K82580-1-4	N/A	QP081064	2009	INSTALLED	YES
STAY RODS (4)	ulcan Threaded Pro	HT# 10005750	N/A	QP091101	2009	INSTALLED	NO
STAY ROD NUTS (32)	Unyite Inc.	HT# S44035	N/A	QP090289	2001	INSTALLED	NO
SPACERS (2)	NUCOR	HT# 9103524	N/A	QP090737	2009	INSTALLED	NO
STUDS (16)	ulcan Threaded Pro	HT# 10005750	N/A	QP091101	2009	INSTALLED	NO
Mounting Nuts (32)	Nova Machine	HT# 241436	N/A	QP091144	2009	INSTALLED	NO

7. Description of Work: REPLACED EXPANSION JOINT
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*

Construction code is ASME SEC. III, 1971 ED. Thru Winter 1971 Addenda CL 3

Replacement Expansion Joint is ASME SEC. III, 1980 ED. Thru Summer 1982 Addenda, w/ Code case N-369 CL 3

Expansion Joint reconciled under ED 1101016501ED.

Spacer Construction is ASME SEC III, 1980 EDITION thru 1982 Addenda cl 3

Nuts, Stay Rods Construction Code is ASME SEC III, 1971 Edition thru 2000 Edition/Addenda

Replacement Code years are reconciled per FNP Piping Specification SS1109-02

VT-2 Performed. Sat

**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: 1/2/11  
*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 2/1/10 to 1/19/11, 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: NB# 17504 GA827 AIN  
*National Board, State, Province, and Endorsements*

Date: 1/19/11

## 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>November 30, 2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>WO 1082120801</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>

4. Identification of System: TPNS : Q1P16F025 SERVICE WATER INLET TO 1C EDG AIR COOLANT HX (code class 3)

5. (a) Applicable Construction Code: Section III, 1980 Edition: 1982 Summer 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)
Expansion Joint	Parker Metal Bellows	OO1	N/A	QP7464	1992	REMOVED	YES
Stay Rod Nuts (32)	Unk. (Sr Flexonics)	unknown	N/A	(QP081064)	2009	REMOVED	NO
Stay Rods (4)	Unk. (Sr Flexonics)	unknown	N/A	(QP081064)	2009	REMOVED	NO
Expansion Joint	Senior Flexonics	K82580-2-4	N/A	QP081064	2009	INSTALLED	YES
Stay Rod Nuts (32)	Trust Mfg.	HT# 459810	N/A	QP090279	2007	INSTALLED	NO
Stay Rod Nuts (1)	Nova Machine	HT# S67159	N/A	QP060613	2004	INSTALLED	NO
Stay Rods (4)	Nova Machine	HT# 3001306	N/A	QP090837	2008	INSTALLED	NO

7. Description of Work: REPLACEMENT OF EXPANSION JOINT

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 code is ASME Sec. III, 1980 Edition thru Summer 1982 Addenda class 3 with cc N-369

*Applicable Manufacturer's Data Reports to be attached*

Replacement expansion joint approve/reconciled under ED 1092202301ED

Stay Rod Nuts are ASME Section III, 1989 edition class 1 (ref. FNP Piping Specification SS1109-02)

Stay Rods are ASME Section III, 1983 edition class 2 (ref. FNP Piping Specification SS1109-02)

VT-2 completed

Transaction #'s are: 171213, 171227

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: 1/9/11  
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 NBB CT

of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/10/09 to 1/14/11, 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: NB#12304 GA827 AIN  
National Board, State, Province, and Endorsements

Date: 1/9/11

## 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>Date: <u>November 11, 2010</u></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>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></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>Work Order No.: <u>1082121101</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: Q1P16F0513 SW OUTLET FROM 1C EDG JACKET COOLANT HX

5. (a) Applicable Construction Code: Section III, 1980 Edition, 1982 Summer Addenda, N-369 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	Parker Metal Bellow	<u>003</u>	N/A	QP93-1248	1993	REMOVED	YES
STAY ROD NUTS (32)	Unk. Senior Flex.	Unknown	N/A	QP081064	2009	REMOVED	NO
STAY RODS (4)	Unk. Senior Flex.	Unknown	N/A	QP081064	2009	REMOVED	NO
NUTS (8)	Unknown	Unknown	N/A	Unknown	Unk	REMOVED	NO
STUDS (9)	Unknown	Unknown	N/A	Unknown	Unk	REMOVED	NO
EXPANSION JOINT	Senior Flexonics	K82580-2-1	N/A	QP081064	2009	INSTALLED	YES
STAY ROD NUTS (32)	Trust Mfg.	HT# 459810	N/A	QP090279	2007	INSTALLED	NO
STAY RODS (4)	Nova Machine	HT# 3001308	N/A	QP090837	2008	INSTALLED	NO
NUTS (8)	Nova Machine	HT# 241436	N/A	QP090992	2008	INSTALLED	NO
STUDS (9)	Vulcan Threaded Pro	HT# 731381	N/A	QP090766	2004	INSTALLED	NO

7. Description of Work: REPLACED EXPANSION JOINT

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*

Construction code is ASME SEC. III, 1980 ED. Thru Summer 1982 Addenda CL 3

Replacement Expansion Joint is ASME SEC. III, 1980 ED. Thru Summer 1982 Addenda, w/ Code case N-369 CL 3

Expansion Joint reconciled under ED 1092202301ED.

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Nuts, Stay Rods Construction Code is ASME SEC III, 1971 Edition thru 2000 Edition/Addenda

Replacement Code years are reconciled per FNP Piping Specification SS1109-02

VT-2 Performed. Sat

**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: 1/10/11  
*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 11/10/09 to 1/14/11, 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: NB# 125646827 AIN  
*Inspector's Signature*      *National Board, State, Province, and Endorsements*

Date: 1/14/11

## 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>November 22, 2010</u>  Sheet: <u>1</u> of <u>2</u>  Unit: <u>FNP Unit 1</u>  Work Order No.: <u>1082121201</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</u>  Authorization No.: <u>N/A</u>  Expiration Date: <u>N/A</u>
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: Q1P16F0504 - SERVICE WATER INLET TO 2C EDG AIR COOLANT HX class 3

5. (a) Applicable Construction Code: Section III, 1971 Edition, 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	Moore Handley	47295	N/A	PO: FNP359	1974	REMOVED	YES
Stay Rod Nuts (16)	Moore Handley	47295	N/A	PO: FNP359	1974	REMOVED	YES
Stay Rods (4)	Moore Handley	47295	N/A	PO: FNP359	1974	REMOVED	YES
Mounting Studs (16)	UNKNOWN	UNKNOWN	N/A	UNKNOWN	UNK	REMOVED	No
Mounting Nuts (32)	UNKNOWN	UNKNOWN	N/A	UNKNOWN	UNK	REMOVED	No
Expansion Joint	Senior Flexonics	K82580-2-1 thru 2-4	N/A	PO: QP081064	2009	INSTALLED	YES
Stay Rod Nuts (32)	NOVA MACHINE	5092414	N/A	PO: QP100560	2010	INSTALLED	No
Stay Rods (4)	MID SOUTH Nuclea	10005750	N/A	PO: QP091101	2009	INSTALLED	No
Mounting Nuts (32)	NOVA MACHINE	5092414	N/A	PO: QP100560	2010	INSTALLED	No
Mounting Studs (16)	MID SOUTH Nuclea	10005750	N/A	PO: QP091101	2009	INSTALLED	No
Spacer	MID SOUTH Nuclea	9103524	N/A	PO: QP090737	2009	INSTALLED	No

7. Description of Work: REPLACE 6" EXPANSION JOINT

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 New Expansion Joint built to ASME SECTION III, 1980 Edition thru Summer 1982 Addenda, with Code case N-369.

*Applicable Manufacturer's Data Reports to be attached*

Specification SS1109-8 reconciles the code year difference and ED1101859801 approves form, fit, and function of new comp.

The stay rods and nuts which were replaced were built to ASME Section III, any edition through Summer 1984 Addenda class 3,

ASME Section III, 1980 Edition thru Summer 1982 Addenda, w/ code case N-369 cl 3, and ASME Section III, subsec. NB, any 1980 edition through 1989 addenda class 1. This is also allowable per SS1109-8

Expansion Joint Spacer Is of ASME Sec. III, 1980 Edition thru 1982 Addenda class 3

Per design Drawing Flexonics Expansion Joint requires additional Nuts (16) on inside of all threads as well as outside

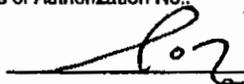
Transaction #'s for new parts are: 189219 and 190622

**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: 1/10/11  
*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 8/13/10 to 1/20/11, 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: AB<sup>17</sup> 12564 EA-822 AIN  
 National Board, State, Province, and Endorsements

Date: 1/20/11

## 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: November 11, 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 1

Work Order No.: 1090170301

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: Q1P16F0508 SERVICE WATER OUTLET FROM 1B EDG LUBE OIL HX

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)
3/4" STAY ROD NUTS (16)	Unylite, Inc.	HT# S44035	N/A	QP090289	2001	INSTALLED	NO

7. Description of Work: ADDED 16 STAY ROD NUTS FOR EXPANSION JOINT

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*

Construction code is ASME SEC. III, 1971ED. Thru Summer 2000 Addenda CL 3

Replacement code is ASME SEC. III, 1989 Edition cl 1/ Reference FNP Piping Specification SS1109-02 allows a Construction Code ASME Sec. III, 1971 Edition thru 2000 Edition/Addenda

Per design Drawing Flexonics Expansion Joint requires additional Nuts (16) on inside of all threads as well as outside

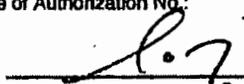
Transaction #: 173753

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: 1/10/11  
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 1/14/11, 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: NB# 12569 GA 827 AFW  
National Board, State, Province, and Endorsements

Date: 1/14/11

## 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: December 14, 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 1  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address* Work Order No.: P16 - 1090677402  
*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 Q1P16-HBC-201 MDC 1090677402 2B DIESEL GENERATOR SW SUPP FROM (ASME Class 3)
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)
Concentric Red 12x8	ITT Grinnel	ZAT	N/A	FNP-210	1973	Removed	No
8" sch 40 pipe(JF4-1008)	ITT Grinnel	29859	N/A	FNP-210	1973	Removed	No
8" sch 40 Elbows(JF4-1008)	ITT Grinnel	UR3N	N/A	FNP-210	1973	Removed	No
8" sch 40 pipe(JF4-1008)	ITT Grinnel	25374	N/A	FNP-210	1973	Removed	No
8" sch 40 Elbow(JF4-1009)	ITT Grinnel	AMCL	N/A	FNP-210	1973	Removed	No
8" sch 40 pipe(JF4-1009)	ITT Grinnel	29859	N/A	FNP-210	1973	Removed	No
2-8" WN Flange(JF4-1010)	ITT Grinnel	UR3N	N/A	FNP-210	1973	Removed	No
3/4" studs (24)	Unk	Unk	N/A	Unk	Unk	Removed	No
3/4" Nuts (40)	Unk	Unk	N/A	Unk	Unk	Removed	No
8" WN Flange(JF4-779)	ITT Grinnel	G8CB	N/A	FNP2-26	1974	Removed	No
8" sch 40 pipe(JF4-779)	ITT Grinnel	24607	N/A	FNP2-27	1974	Removed	No
3/4" Nuts (8)	Unk	Unk	N/A	Unk	Unk	Removed	No

Concentric Red 12x8	Taylor Forge	MUUS-1	N/A	QP100384	2010	Installed	No
8" sch 40 pipe	Walsin	3D926	N/A	QP100384	2009	Installed	No
8" sch 40 Elbow(4)	Taylor Forge	MVUN-1	N/A	QP100384	2010	Installed	No
8" WN Flange(3)	Newman Flange/Fitt	H585	N/A	QP100384	2010	Installed	No
3/4" studs (8)	T&T	414880	N/A	QP080239	2008	Installed	No
3/4" Nuts (8)	NOVA	5092414	N/A	QP100560	2010	Installed	No
3/4" studs (16)	NOVA	7800104	N/A	QP090495	2009	Installed	No
8" WN Flange(1)	Newman Flange/Fitt	H585	N/A	QP100384	2010	Installed	No
8" sch 40 pipe	Walsin	3D926	N/A	QP100384	2009	Installed	No
3/4" studs (24)	NOVA	5092414	N/A	QP100560	2010	Installed	No
W4X13 Beam	Nucor	1901315	N/A	QP090376	2009	Installed	No
Spectacle Flange	Tioga	046DX4CB-2	N/A	QP100560	2010	Installed	No

7. Description of Work: SW Pipe Replacement/Installation per MDC 1090677402

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 MDC 1080942001 for reconciliation of materia/partl difference

*Applicable Manufacturer's Data Reports to be attached*

All Replacment pipe, fittings, are reconciled through MDC 1080942001 and FNP Piping Specification SS110902

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

Structural Beam component is per AISC 1969 code class 3

VT-2 completed Sat.

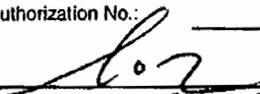
Transaction #'s: 191446, 192722, 196334

#### 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: 1/21/11  
*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 9/16/10 to 1/27/11 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: NB # 12501 GA 827 AIN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/27/11

## 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>December 1, 2010</u> <hr/> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> <hr/> Work Order No.: <u>WO 1090805801</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u> <hr/> Expiration Date: <u>N/A</u>

4. Identification of System: TPNS : 1B STEAM GENERATOR PRIMARY MANWAY (code class 1)

5. (a) Applicable Construction Code: Section III, 1989 Edition, no 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)
Primary Manway Stud (1)	Westinghouse	unknown	N/A	unknown	unk	Unknown	NO
Primary Manway Stud (1)	Westinghouse	8967428H5968	N/A	QP040919	2005	INSTALLED	NO

7. Description of Work: REPLACEMENT STUD

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 of Stud per ASME Section III, 1989 EDITION, no addenda class 1

Transaction #: 197431

VT-2 Completed Sat.

VT-1 Completed Sat.

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: 1/24/11  
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 10/19/10 to 1/24/11, 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: NS 12574 64827 AEN  
National Board, State, Province, and Endorsements

Date: 1/24/11

## 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: December 1, 2010

Sheet: 1 of 2

Unit: FNP Unit 1

Work Order No.: 1090839501  
*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: Q1E11V0015A A RHR PMP SUCT RELIEF VALVE (code class 2)

5. (a) Applicable Construction Code: Section III, 1968 Edition, 1970 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)
3 x 4" Relief Valve	Crosby Vlv & Gage	N55222-00-0008	N/a	38068	1986	REMOVED	NO
3 x 4" Relief Valve	Anderson Grnwd Cr	N55222-00-0012	N/a	QP091152	2010	REMOVED	NO

7. Description of Work: REPLACEMENT 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 valve construction is ASME Sec. III 1968 Edition, thru 1970 Addenda code class 2

Reference: ED C102798601 for material grade changes btw replacement valves

VT-2 Completed Sat.

Transaction #'s: 35852

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: 1/21/11  
*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 10/25/10 to 1/21/11, 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: NB # 12564 GA 827 A1N  
 National Board, State, Province, and Endorsements

Date: 1/21/11

## 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>Date: <u>December 1, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></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>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>1090839502</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</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>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: Q1E11V0015B B RHR PMP SUCT RELIEF VLV (code class 2)

5. (a) Applicable Construction Code: Section III, 1968 Edition, thru 1970 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)
3" x 4" Relief Valve	Crosby Valve & Gage	N55222-00-0010	N/a	QP155	1986	REMOVED	NO
3" x 4" Relief Valve	Anderson Grnwd Cr	N55222-00-0013	N/a	QP091 152	2010	INSTALLED	NO

7. Description of Work: REPLACEMENT 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 Replacement valve change in material is reconciled through ED C102798601

*Applicable Manufacturer's Data Reports to be attached*

Replacement valve construction is ASME Sec. III 1968 Edition, thru 1970 addenda, code class 2

VT-2 Completed Sat.

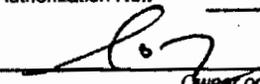
Transaction #'s: 35852

**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: 1/9/11  
*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 HSS CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/24/10 to 1/19/11, 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: NB# 12524 GA-827 AIN  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/19/11

**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: December 2, 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 1

Work Order No.: 1090844201  
*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: Q1P117V0126B - CCW FROM RHR HEAT EXCHANGER 1B RELIEF VALVE (code class 3)

5. (a) Applicable Construction Code: Section III, 1968 Edition, thru 1970 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 1/2" x 2" Relief Valve	Lonergan	138434-1-3	N/A	QP931675	1994	REMOVED	YES
1 1/2" x 2" Relief Valve	Andrsn Grwnwood	N99846-00-0010	N/A	QP090757	2010	INSTALLED	YES

7. Description of Work: 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

*Applicable Manufacturer's Data Reports to be attached*

Replacement Valve is ASME Sec. III, 1968 Edition, thru 1970 addenda code class 3

Reference: EDSC-05-S-0040 for valve applicability

VT-2 completed Sat

Transaction #'s: 195264

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, Maintenance Spt, Support Date: 1/9/11  
*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 NBB, CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/28/10 to 1/18/11, 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: NBS# 12564 GA 827 AIN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/18/11

## 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>December 1, 2010</u>  Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u>  Work Order No.: <u>1090939901</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u>  Expiration Date: <u>N/A</u>

4. Identification of System: TPNS: Q1P16 V0208D CTMT COOLER 1D SW RETURN RELIEF VLV(code class 2)

5. (a) Applicable Construction Code: Section III, 1971 Edition, w/Wtr^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 LCT-20	210130-4-4	N/a	FNP-2-51	1975	REMOVED	YES
Relief Valve	Anderson Grwd Cr	N99904-00-0010	N/a	QP090757	2010	INSTALLED	YES

7. Description of Work: REPLACEMENT 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 Replacement valve is reconciled through ED C051731401 and ASME sec. XI for later code year edition and addenda

*Applicable Manufacturer's Data Reports to be attached*

Replacement valve construction is ASME Sec. III 1974 Edition, w/Summer 1975 Addenda code class 2

VT-2 Completed Sat.

Transaction #'s: 194912

**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: 1/13/11  
*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 10/06/10 to 1/13/11, 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: NB#1224 GABRIEL  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/13/11

## 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>December 6, 2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>WO 1091054301</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>

4. Identification of System: TPNS : Q1E11P001B 1B RHR PUMP (code class 2)

5. (a) Applicable Construction Code: Section III, 1986 Edition, No 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 Mech. Seal	Ingersoll-Dresser	QP950841	1026	QP950841	1996	REMOVED	YES
Pump Mech. Seal	Flow Serve	RLSA13079-1	N/A	QP090003	2009	INSTALLED	YES

7. Description of Work: REPLACEMENT Mech. Seal (gland ring)

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*

Reference: Equivalency Determination C081191401

Replacement Seal ASME Sec. III 1986, No Addenda code class 2

VT-2 completed Sat.

Transaction #'s: 193332

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  
*Owner or Owner's Designee, Title*

Date: 1/9/11

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 8/25/10 to 1/18/11, 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: NIB # 12569-6A-827 AFA  
National Board, State, Province, and Endorsements

Date: 1/18/11

## 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: November 8, 2010  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 1  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address* Work Order No.: E21-1091194201  
*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# Q1E21SNUBBSS2676 '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)
Pivot Pin	Pacific- Scientific	UNKNOWN	N/A	QP-1536	1983	Removed	NO
Load Stud	Grinnell	QP31295201	N/A	QP3129	1989	Installed	NO
Load Stud Nuts	Anvil	NUT037016HBN	N/A	QP050972	2005	Installed	NO

7. Description of Work: Pivot Pin installed on pipe end was replaced with approved load stud and nuts (MIF #199787)

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 # 191701

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, Supt. Support Date: 1/9/11  
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 4/15/09 to 1/24/11, 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: NB 12564 6A827 APN  
National Board, State, Province, and Endorsements

Date: 1/24/11

## 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: December 6, 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 1

Work Order No.: WO 1091199502  
*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 : Q1E21P002A 1A CHG PUMP (code class 2)

5. (a) Applicable Construction Code: Section III, 1968 Edition, No 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)
Charging Pump Casing	Pacific Pump	S/N 46354	N/a	FNP-2	1972	REMOVED	YES
Charging Pump Casing	Hydro Aire	5477-01	N/a	QP060948	2010	INSTALLED	YES

7. Description of Work: REPLACEMENT Pump Casing

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 Difference in code/material is reconciled through MDC 1091199501

*Applicable Manufacturer's Data Reports to be attached*

Applicable pipe supports per SS1629 were removed and reinstalled

Transaction #'s: 191667

VT-2 completed Sat.; VT-3 completed Sat. on supports; Pre-Service Examination per Manufacturing Process was Sat.

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: 1/25/11  
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 HSS CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 9/24/10 to 1/26/11, 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: 1204 64827 AIA  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/27/11

## 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>December 6, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>WO 1091223802</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 : Q1P16PIPEHCCDZD CTMT COOLER INLET FLEXIBLE LINE (code class 3)</u></p>	
<p>5. (a) Applicable Construction Code: <u>Section III</u>, <u>1980</u> Edition, thru <u>Sum 1982</u> Addenda, <u>N-192-2</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)
Braided Flex Hose	Parker Hannifin Corp	86405-1	N/A	QP-1845	1988	REMOVED	YES
Braided Flex Hose	Senior Flexonics	TCH674	N/A	QP090802	2010	INSTALLED	YES

7. Description of Work: REPLACEMENT OF FLEX HOSE

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 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: December 2, 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 1

Work Order No.: 1091290901  
*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: Q1E21V412A -CHG PUMP RECIRC TO 1A RCS HOT LEG TEST CONN ROOT (code class 1)

5. (a) Applicable Construction Code: Section III, 1971 Edition, W' 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)
Bonnet	Kerotest	UP-99-15-3-(1)	N/A	FNP295	1974	REMOVED	YES
Bonnet	Flowsolve	3J19-1	N/A	QP090364	2009	INSTALLED	YES

7. Description of Work: REPLACED VALVE BONNET

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 Bonnet code is ASME Sec. III, 1971, with w' 71 code class 1

VT-2 completed Sat

Transaction # for new valve Bonnet: 196956

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: 1/9/11  
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 HSSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/02/09 to 1/13/11, 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: NB# 12564 GA 827 AIN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/13/11

## 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>Date: <u>December 2, 2010</u></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>Sheet: <u>1</u> of <u>2</u></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>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>1091291301</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: Q1E21V412D -CHG PUMP RECIRC TO 1A RCS HOT LEG TEST CONN ISO (code class 1)

5. (a) Applicable Construction Code: Section III, 1971 Edition, W' 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)
Bonnet	Kerotest	UP-99-15-3-(1)	N/A	FNP295	1974	REMOVED	YES
Bonnet	Flowsolve	3J19-2	N/A	QP090364	2009	INSTALLED	YES

7. Description of Work: REPLACED VALVE BONNET

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 Bonnet code is ASME Sec. III. 1971, with w' 71 code class 1

VT-2 completed Sat

Transaction # for new valve Bonnet: 196956

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: 1/19/11  
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 10/22/10 to 1/19/11, 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: NB #12504 GA 827 RBN  
National Board, State, Province, and Endorsements

Date: 1/19/11

## 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>December 7, 2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>1091294501</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>

4. Identification of System: Q1E21V0109 - Pressurizer AUX Spay Line Chk Valve (code class 1)

5. (a) Applicable Construction Code: Section III, 1971 Edition, W' 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" Valve Cap (Fillet Weld)	Kerotest	P-9911-2-(1)Z	N/A	FNP-295	1974	INSTALLED	YES

7. Description of Work: REMOVED/REINSTALLED BONNET CAP (FILLET WELD)

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/Reinstalled Bonnet CAP (Added Seal Weld to Bonnet Cap)  
ASME Sec. III, Winter 1971, NB6111.1C of w' 72 addenda code class 1  
VT-2 Completed Sat

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: 1/9/11  
*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 5/2/09 to 1/21/11, 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: NR# 12564 GA 827 APN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/21/11

**FORM NIS-2 (Back)**

9. Remarks Replacement of Relief Valve is of ASME Sec. III, 1974 Edition thru Summer 1975 Addenda, class 2

*Applicable Manufacturer's Data Reports to be attached*

Relief valve is reconiled through ED 1103283101

Replacement of Studs are per ASME Section III, NC 1983 no addenda class 1

Replacement of Nuts are per ASME Section III, NC 1989 no addenda class 2

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

The specification require the material to be SA194 Gr. 2H or SA194 Gr. 7 for studs and nuts

VT-2 completed Sat.

Transaction #'s: 195333, 198328

**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: 1/8/11  
*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 5/26/10 to 1/24/10 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 a loss of any kind arising from or connected with this inspection.

[Signature]  
 Inspector's Signature

Commissions: NB #12567 GA 827 AIN  
 National Board, State, Province, and Endorsements

Date: 1/29/11

## 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>  <small>Name</small>  <u>40 Inverness Center Parkway; Birmingham, AL 35242</u>  <small>Address</small></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u>  <small>Name</small>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <small>Address</small></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u>  <small>Name</small>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <small>Address</small></p>	<p>Date: <u>October 21, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>N11- 1101166902</u>  <small>Repair/Replacement Organization PO No, Job No, etc.</small></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: Q1N11SNUBBMSR221 MAIN STEAM 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  <small>Year</small></p> <p>(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>2001</u> Addenda: <u>2003</u>  <small>Year</small></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 Control Block	ITT GRINNELL	17011	N/A	FNP-222	1972	Removed	NO
Hydraulic Snubber Upgrade Kit	ANVIL	38139	N/A	QP100486	2010	Installed	NO

7. Description of Work: Snubber MSR-221 was replaced as a scheduled upgrade Ref: Transaction # 191731

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 # 191731

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, Supt. Support Date: 1/9/11  
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 9/1/10 to 1/20/11, 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: NB # 12567 6A-827 AIN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/20/11

## 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>10/16/2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>N12 - 1101192101</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:Q1N12SNUBBASH386X AUXILIARY STEAM 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	11725	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	37727	N/A	QP090698	2009	Installed	NO

7. Description of Work: SnubberASH-386X was replaced as a scheduled upgrade Ref: Transaction # 191795

8. Tests Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure  Exempt

Other  Pressure: \_\_\_\_\_ psl 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 C091569201ED

Ref: Transaction # 191795

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, Supt. Support Date: 1/21/11  
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 8/31/10 to 1/21/11, 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: NS# 12567 6A827 1IN  
National Board, State, Province, and Endorsements

Date: 1/21/11

## 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: December 6, 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 1

Work Order No.: WO 1101205502

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 : Q1P16V253D (Q1P16-HBC-39) SW Return from 1D CTMT HDR Drain (code class 3)

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)
2" Sockolet	WFI	HT# 4949ANB	N/a	QP100316	2009	INSTALLED	NO
2" X 1" Reducing Insert	Capitol Mfg Comp.	HT# 19H	N/a	QP090344	1992	INSTALLED	NO

7. Description of Work: INSTALLATION of Sockolet and 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

*Applicable Manufacturer's Data Reports to be attached*

Installed Sockolet, reducer is ASME sec. III, 1989 Edition

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat.

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: 1/10/11  
*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 HSBC of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/22/10 to 1/4/11, 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: NSI# 12514 GA 827 AEW  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/14/11

## 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: January 4, 2011  
*Name*  
40 Inverness Center Parkway, Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 1  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address* Work Order No.: WO 1101631601  
*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 : Q1P16F0502C 1C SERVICE WATER PUMP DISCHARGE EXPANSION JOINT (code class 3)
5. (a) Applicable Construction Code: Section III, 1971 Edition, 1971 Winter 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	46185	N/A	FNP-359	1973	REMOVED	YES
Expansion Joint	Senior Operation, In	K77500-1-3	N/A	QP080649	2008	INSTALLED	YES

7. Description of Work: REPLACEMENT OF SW EXPANSION JOINT
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 Equivalency Determination ED1101631601 reconciles the differences in form, fit, and function

*Applicable Manufacturer's Data Reports to be attached*

Replacement Expansion Joint is of ASME Sec. III, 1980 Edition thru Summer 1982 Addenda with Code Case N-369 code class 3

VT-2 Comp. Sat

Transaction # is: 185881

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: 1/19/11  
*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 5/19/10 to 1/19/11, 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: NB# 12507-GA-827 HEN  
National Board, State, Province, and Endorsements

Date: 1/19/11

## 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>December 1, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>1102430901</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>Q1P16V005F-1C CCW HX SW INLET TUBE SIDE DRN (code class 3)</u></p>	
<p>5. (a) Applicable Construction Code: <u>Section III</u>, <u>1971</u> Edition, <u>W' 1972</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)
2" Valve (Bonnet)	BNL Ind.	93A-1	N/A	QP070775	2008	REMOVED	YES
Disc	BNL Ind.	129A	N/A	QP070775	2008	REMOVED	
Body	BNL Ind.	126A-2	N/A	QP070775	2008	REMOVED	
2" Valve	BNL Ind.	A070809-1-31	N/A	QP070775	2008	INSTALLED	YES

7. Description of Work: REPLACED 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 Valve is ASME Sec. III, Winter 1971 w/ w'1971 edition, and para NB6111.1C of w' 72 class 3

Transaction #: 196419

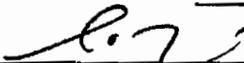
VT-2 Completed Sat.

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: 1/2/11  
*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 8/13/10 to 1/24/11, 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: # NB 12564 61827 ATU  
*National Board, State, Province, and Endorsements*

Date: 1/2/11

## 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: 10/30/2010  
*Name*  
40 Inverness Center Parkway, Blrmingham, AL 35242 Sheet: 1 of 2  
*Address*

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 1  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: B13-1103111801  
*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: Q1B13SNUBBR11 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	13763	N/A	FNP-222	1975	Removed	NO
Hydraulic Snubber	ANVIL	37717	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber RC-R11 was replaced as a scheduled upgrade Ref: Transaction # 197313

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 # 197313

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, Supt. Support Date: 1/9/11  
*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 10/25/10 to 1/29/11, 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: NP12504AA-027 AEN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/29/11

## 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>10/30/2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>B13-1103111901</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i>
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>	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: Q1B13SNUBBR212 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	RCR-R212	N/A	FNP-222	1975	Removed	NO
Hydraulic Snubber	ANVIL	3775	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber RC-R212 was replaced as a scheduled upgrade Ref: Transaction # 197310

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 # 197310

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, Supt. Support Date: 1/9/11  
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 10/25/10 to 1/21/11 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: NB # 17587 GA 827 AIN  
National Board, State, Province, and Endorsements  
Date: 1/24/11

## 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>Date: <u>December 1, 2010</u></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>Sheet: <u>1</u> of <u>2</u></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>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>1103184001</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: Q1P16V005E - 1C CCW HX SW OUTLET TUBE SIDE DRN (code class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, W' 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)
2" Valve (Bonnet)	BNL Ind.	93A	N/A	QP070775	2008	REMOVED	YES
Disc	BNL Ind.	126A	N/A	QP070775	2008	REMOVED	YES
Body	BNL Ind.	126A-1	N/A	QP070775	2008	REMOVED	YES
2" Valve	BNL Ind.	A070809-1-61	N/A	QP070775	2008	INSTALLED	YES

7. Description of Work: REPLACED 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 Valve is ASME Sec. III, Winter 1971 w/ w'1971 edition, and para NB6111.1C of w' 72 class 3

Transaction #: 196419

VT-2 Completed Sat.

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: 1/9/11  
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 10/18/10 to 1/21/11, 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: NB# 1250461827 A7N  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/21/11

## 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>10/27/2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>N21 - 1103223901</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i>
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>	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: Q1N21SNUBBFWR46B FEED WATER 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	24189	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38271	N/A	QP101007	2010	Installed	NO

7. Description of Work: Snubber FW-R46B was replaced as a scheduled upgrade Ref: Transaction # 197535

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 C102466701

Ref: Transaction # 197535

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, Supt. Support Date: 1/9/11  
*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 HALEFORD, CT have inspected the components described in this Owner's Report during the period 10/27/10 to 1/21/11, 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: NB # 125676887 AEN  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/21/11



Figure 1  
FORM NIS-2 (Back)

9. Remarks \_\_\_\_\_  
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 <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. <span style="float: right;">repair or replacement</span>	
Type Code Symbol Stamp _____	N/A
Certificate of Authorization No. _____	N/A
Expiration Date _____	N/A
Signed <u>[Signature]</u> _____	Date <u>12/14/10</u>
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 <u>Connecticut</u> and employed by <u>HSB CT</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>9/13/10</u> to <u>12/14/10</u> , 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.	
<u>[Signature]</u> Inspector's Signature	Commissions <u>GA827</u> National Board, State, Province and Endorsements
Date <u>12/14/10</u>	

## 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>July 9, 2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>E11- 1091560501</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i>
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>	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: Q1E11SNUBBRHR10R46 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	24183	N/A	FNP-2-29	1981	Removed	NO
Hydraulic Snubber	ANVIL	37760	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber RHR10R46 was replaced as a scheduled upgrade Ref: Transaction # 187668

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 # 187668

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, Supt. Support Date: 1/9/11  
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 6/25/10 to 1/20/11, 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: NB# 12564 6A827 AEN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/20/11

## 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>  <span style="margin-left: 100px;"><i>Name</i></span>  <u>40 Inverness Center Parkway; Birmingham, AL 35242</u>  <span style="margin-left: 100px;"><i>Address</i></span></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u>  <span style="margin-left: 100px;"><i>Name</i></span>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <span style="margin-left: 100px;"><i>Address</i></span></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u>  <span style="margin-left: 100px;"><i>Name</i></span>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <span style="margin-left: 100px;"><i>Address</i></span></p>	<p>Date: <u>November 11, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>1091674402</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: AQ1E21V173 LTDN CATION BED DEMIN INLET ISO VALVE (code class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, 1971 Summer 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" Diaphragm Valve	GRINNELL	73-2761-4-48	N/a	FNP-384	1974	REMOVED	YES
2" PIPE	ITT GRINNELL	JG-19(D)-510	N/a	FNP-385	1975	REMOVED	NO
2" Elow	ITT GRINNELL	JG-19(D)-511	N/a	FNP-386	1976	REMOVED	NO
2" Diaphragm Valve	BNL Industries	A100608-1-2	N/a	QP100602	2009	INSTALLED	YES
2" PIPE	SANDVIK	519775	N/a	QP090652	2007	INSTALLED	NO
2" Elow	Bonney Forge	44013	N/a	QP090485	2007	INSTALLED	NO

7. Description of Work: REPLACEMENT OF 2" DIAPHRAM 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 Reconciliation of component difference is per MDC 1091674401

*Applicable Manufacturer's Data Reports to be attached:*

Replacement valve construction is ASME Sec. III 1971 Edition, Winter 1971 Addenda code class 3

Replacement Pipe and Elbow is ASME Sec. III Subsection NC 1983 Edition, Winter 1983 Addenda

Reference: FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda  
VT-2 Completed Sat.

Transaction #'s: 194008, 195298

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: 1/9/11  
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 NBS CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 3/08/10 to 1/20/11, 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: NB# 12664 6A827 AIN  
Inspector's Signature National Board, State, Province, and Endorsements  
Date: 1/20/11

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 06/16/10  
Name  
40 INVERNESS CENTER PARKWAY  
BIRMINGHAM AL. 35242  
Address
- 2. Plant JOSEPH M. FARLEY NUCLEAR PLANT Unit FNP UNIT 1  
Name  
7388 NORTH STATE HWY. 95  
COLUMBIA AL 36319  
Address  
E21 1091921503  
Repair/Replacement Organization P.O. No., Job No., etc.
- 3. Work Performed by WILLIAMS POWER GROUP Type Code Symbol Stamp N/A  
Name  
FARLEY NUCLEAR PLANT  
Address  
Authorization No. N/A  
Expiration Date N/A
- 4. Identification of System TPNS: Q1E21V0026 ( RWST SUCTION CHARGING PUMPS SUCTION CHECK VALVE) ASME CLASS 2  
8" HCB-42 PIPING
- 5. (a) Applicable Construction Code ASME SECTION III Edition, 1968 Addenda, WINTER 70 Code Case  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity \_\_\_\_\_  
(c) Applicable Section XI Code Case(s) \_\_\_\_\_
- 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 BONNET	COPES-VULCAN	7110-95182-5-3			1973	REMOVED BONNET	YES
VALVE BONNET	SPX CORPORATION	1050-170331-1-1(10-2)	N/A	HT# 5152ANE4	2010	INSTALLED BONNET	NO

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

Figure 1  
FORM NIS-2 (Back)

9. Remarks **REPLACEMENT BONNET HAD MANUFACTURER TO DRILL HOLE IN BONNET TO ALLOW INSTALLING**

Applicable Manufacturer's Data Reports to be attached

3/4" VENT VALVE

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and that this \_\_\_\_\_ 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] SD Mode Supervisor Date 11/9/10  
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 6/10/10 to 11/11/10, 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 1256A ASN GA 827  
National Board, State, Province and Endorsements

Date 11-11-10

## 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: October 23, 2010  
*Name*  
40 Inverness Center Parkway, Birmingham, AL 35242  
*Address*

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit1  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address* Work Order No.: E21-1092221201  
*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# Q1B21SNUBBFT425A STEAM GENERATOR 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	37958	N/A	QP-1470	1987	Removed	NO
Hydraulic Snubber	Lisege	30900372/021	N/A	QP100469	2009	Installed	NO

7. Description of Work: Snubber FT 425A was replaced as a scheduled upgrade Ref: Transaction # 191701

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 # 191701

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, Supt. Support Date: 1/9/11  
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 8/31/10 to 1/29/11, 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: NB 12564 61827 ADV  
National Board, State, Province, and Endorsements

Date: 1/29/11

## 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 Inveness Center Parkway; Birmingham, AL 35242</u> <i>Address</i>	Date: <u>October 20, 2010</u>  Sheet: <u>1</u> of <u>2</u>  Unit: <u>FNP Unit1</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>	Work Order No.: <u>G24- 1092222101</u> <i>Repair/Replacement Organization PO No. Job No. etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u>  Expiration Date: <u>N/A</u>

4. Identification of System: TPNS# Q1G24SNUBSS4580 '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	324	N/A	FNP-222	1976	Removed	NO
Hex Bolts (4)	Pacific- Scientific	UnK	N/A	FNP-222	1976	Removed	NO
Hydraulic Snubber	Lisega	30700491/111	N/A	QP080176	2007	Installed	NO
Hex Bolts (4)	Nova Machine	8092338	N/A	QP060347	2000	Installed	NO

7. Description of Work: Snubber SS-4580 was replaced as a scheduled upgrade Ref: Transaction # 191723

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 #'s 191723, 196397

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, Supt. Support Date: 1/10/11  
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 10/09/10 to 1/14/11, 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: NB# 17204 GA827 AIN  
National Board, State, Province, and Endorsements

Date: 1/14/11

## 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>Oct/23/2010</u> <hr/> Sheet: <u>1</u> of <u>2</u> <hr/> Unit: <u>FNP Unit1</u> <hr/> Work Order No.: <u>E21- 1092222201</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> 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> <i>Name</i> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <i>Address</i>	
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>	

4. Identification of System: TPNS# Q1E21SNUBBSS4743 '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	26169	N/A	QP-1470	1987	Removed	NO
Hydraulic Snubber	Lisega	30900372/015	N/A	QP100469	2009	Installed	NO

7. Description of Work: Snubber SS-4743 was replaced as a scheduled upgrade Ref: Transaction # 191700

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 # 191700

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, Supt. Support

Date:

1/9/11

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 AFB CT

of HARTFORD, CT have inspected the components described in this

Owner's Report during the period 8/31/10 to 1/20/11, 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:

NO# 12507 GAB27 AIN

National Board, State, Province, and Endorsements

Date:

1/20/11

## 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>10/27/2010</u> <hr/> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> <hr/> Work Order No.: <u>N21 - 1092225101</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u> <hr/> Expiration Date: <u>N/A</u>

4. Identification of System: TPNS: Q1N21SNUBBFWR46A FEED WATER 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	2-CS-R310	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	37754	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber FW-R46A was replaced as a scheduled upgrade Ref: Transaction # 191693

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 C102466701

Ref: Transaction # 191693

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, Supt. Support Date: 1/9/11  
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 8/20/10 to 1/20/11, 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: NS# 1256A GA 827 AFN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/20/11

## 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>  <small>Name</small>  <u>40 Inverness Center Parkway, Birmingham, AL 35242</u>  <small>Address</small></p>	<p>Date: <u>October 23, 2010</u></p>
<p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u>  <small>Name</small>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <small>Address</small></p>	<p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>E11-1092225801</u>  <small>Repair/Replacement Organization PO No, Job No, etc.</small></p>
<p>3. Work Performed By: <u>FNP Maintenance Department</u>  <small>Name</small>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <small>Address</small></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: Q1E11SNUBBRHR6R65 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	17003	N/A	FNP-222	1976	Removed	NO
Hydraulic Snubber	ANVIL	37753	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber RHR6-R65 was replaced as a scheduled upgrade Ref: Transaction # 191681

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 8 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 # 191681

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, Supt. Support Date: 1/9/11  
*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 8/30/10 to 1/20/11, 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: NS# 12564 GA 827 AIN  
*Inspector's Signature* *National Board, State, Province, and Endorsements*

Date: 1/20/11

## 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: October 22, 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 1

Work Order No.: E11-1092225901  
*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: Q1E11SNUBBRHR6R67B 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	14748	N/A	FNP-222	1977	Removed	NO
Hydraulic Snubber	ANVIL	37740	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber RHR6-R67B was replaced as a scheduled upgrade Ref: Transaction # 191672

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 # 191672

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

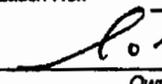
Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:



Asia O. Jerkins, Supt. Support

Date:

1/9/11

*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 CONNECTICUT and employed by HEB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/30/10 to 1/21/11, 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:

NB # 12509 QA 827 AIN

*National Board, State, Province, and Endorsements*

Date:

1/21/11

## 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>Date: <u>October 22, 2010</u></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>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>E11-1092228001</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</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>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: Q1E11SNUBBRHRR105 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	14592	N/A	FNP-222	1977	Removed	NO
Hydraulic Snubber	ANVIL	37761	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber RHR-R105 was replaced as a scheduled upgrade Ref: Transaction # 191682

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 # 191682

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, Supt. Support

Date:

1/2/11

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

8/30/10

to

1/20/11

, 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:

NB# 12604 GA-827 AFN

National Board, State, Province, and Endorsements

Date:

1/20/11

## 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: October 22, 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 1

Work Order No.: E11-1092226101  
*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: Q1E11SNUBBRHR95 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	13952	N/A	FNP-222	1977	Removed	NO
Hydraulic Snubber	ANVIL	37756	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber RHR-R95 was replaced as a scheduled upgrade Ref: Transaction # 191680

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 # 191680

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, Supt. Support

Date:

1/9/11

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 8/30/10 to 1/21/11, 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:

NB# 12564 6A 827 A2N

National Board, State, Province, and Endorsements

Date:

1/21/11

## 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>  <small style="margin-left: 100px;">Name</small>  <u>40 Inverness Center Parkway, Birmingham, AL 35242</u>  <small style="margin-left: 100px;">Address</small></p>	<p>Date: <u>October 23, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p>
<p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u>  <small style="margin-left: 100px;">Name</small>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <small style="margin-left: 100px;">Address</small></p>	<p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>P16 - 1092226201</u>  <small style="margin-left: 100px;">Repair/Replacement Organization PO No, Job No, etc.</small></p>
<p>3. Work Performed By: <u>FNP Maintenance Department</u>  <small style="margin-left: 100px;">Name</small>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <small style="margin-left: 100px;">Address</small></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: Q1P16SNUBBSW9R23 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	11774	N/A	FNP-222	1972	Removed	NO
Hydraulic Snubber	ANVIL	37758	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber SW9-R23 was replaced as a scheduled upgrade Ref: Transaction # 191675

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 # 191675

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:

*l. o. j.*

Asia O. Jenkins, Supt. Support

Date:

1/9/11

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 8/31/10 to 1/21/11, 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:

NB # 1256760822 APV

National Board, State, Province, and Endorsements

Date:

1/21/11

## 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>Date: <u>December 2, 2010</u></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>Sheet: <u>1</u> of <u>2</u></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>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>1092714401</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: Q1P16V0584-2" CHECK VLV (code class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, W' 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" Check Valve	Kerotest	DX3-3	N/A	FNP295	1975	REMOVED	YES
2" Pipe	Daniel Construction	HBC-200-E4191	N/A	FNP295	1977	REMOVED	YES
2" Check Valve	Flowserve	53BEK	N/A	QP050547	2006	INSTALLED	YES
2" Pipe	Kerotest	00A054337	N/A	QP080236	2006	INSTALLED	NO

7. Description of Work: REPLACE 2" CHECK VALVE AND 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 Manufacturer's Data Reports to be attached

Replacement Valve is ASME Sec. III, 1971 Edition, Winter 1971 with para. NB6111C of Winter 1972 code class 2

Replacement Pipe is ASME Sec. III, 1977 Edition, with Winter 1977 addenda code class 2

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

VT-2 completed Sat

Transaction #'s: 192902

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: 1/9/11  
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 11/17/09 to 1/18/11, 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: NB# 122046A827 AIN  
National Board, State, Province, and Endorsements

Date: 1/18/11

## 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>January 4, 2011</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>WO 1092811301</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 : Q1P16-HNC-201-53 SERVICE WATER PIPE (code class 3)</u></p>	
<p>5. (a) Applicable Construction Code: <u>Section III</u>, 1971 Edition, <u>1971 Summer</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)
8" Rflange (2)	SCS/Grinnell	JF-4-1010	N/A	P16-HBC-201-53	1973	REMOVED	YES
8" Sch. 40 Pipe	SCS/Grinnell	JF-4-1010	N/A	P16-HBC-201-53	1973	REMOVED	YES
Stud, 3/4"-10X4.5" (qty8)	Unknown	Unknown	N/A	Unknown	Unk.	REMOVED	NO
Stud, 3/4"-10X7.25" (qty8)	Unknown	Unknown	N/A	Unknown	Unk.	REMOVED	NO
Nut, 3/4"-10 (qty32)	Unknown	Unknown	N/A	Unknown	Unk.	REMOVED	NO
8" Rflange (1)	Western Forge	HT# 217E078	N/A	QP060469	2005	INSTALLED	NO
8" Rflange (1)	Western Forge	HT# 247K490	N/A	QP091129	2009	INSTALLED	NO
8" Sch. 40 Pipe	US Steel	HT# X04284	N/A	QP00-0914	1995	INSTALLED	NO
Stud, 3/4"-10X4.5" (qty8)	NOVA Machine	HT# 7800/04	N/A	QP090378	2005	INSTALLED	NO
Stud, 3/4"-10X7.25" (qty8)	NOVA Machine	HT# 243163	N/A	QP080595	2008	INSTALLED	NO
Nut, 3/4"-10 (qty32)	Unytite, Inc.	HT# S44035	N/A	QP090289	2001	INSTALLED	NO

7. Description of Work: REPLACEMENT OF SW FLANGE, AND 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 Manufacturer's Data Reports to be attached*

Replacement Flanges are per ASME Sec. III, 1983 Edition thru Summer 1984 Addenda, class 3

Replacement Pipes are per ASME Sec. III, 1977 Edition, class 2

Replacement Studs and Nuts are per ASME Sec. III, 1989 Edition, class 1

Replacement Studs are per ASME Sec. III, 1995 Edition, class 2

VT-2 and VT-3 Comp. Sat.

FNP Piping Specification SS1109-02 allows a construction code of ASME Section III, 1971 Edition thru 2000 Edition/Addenda for

Piping class HBC; Transaction #'s are: 172758, 172820, 172788,

**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: 1/10/11  
 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 HCSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/12/09 to 1/20/11, 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: NB# 12564 64827 AIN  
 Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/20/11

## 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>November 22, 2010</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>1100371801</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>Q1P16V005A - 1A CCW HX SW OUTLET TUBE SIDE DRN code class 3</u></p>	
<p>5. (a) Applicable Construction Code: <u>Section III</u>, <u>1971</u> Edition, <u>W 1972</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)
2" Valve	BNL Ind.	A060102-1-8	N/A	QP06003	2006	REMOVED	YES
2" Valve	BNL Ind.	A070809-1-13	N/A	QP070775	2007	INSTALLED	YES

7. Description of Work: REPLACED VALVE (LESS END CAPS)

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:*

Transaction # for new valve: 190924

ASME Sec. III, Winter 1971, NB6111.1C of w' 72 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. Jerkins, 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 CONNECTICUT and employed by H&S CT

of HARTFORD, CT have inspected the components described in this Owner's Report during the period 1/17/11 to 1/19/11, 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:

NB# 12564 GA827 AEN

National Board, State, Province, and Endorsements

Date:

1/19/11

**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: November 22, 2010  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 1  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address* Work Order No.: 1100371901  
*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  
*Address* Expiration Date: N/A

4. Identification of System: Q1P16V005B - 1A CCW HX SW INLET TUBE SIDE DRN code class 3

5. (a) Applicable Construction Code: Section III, 1971 Edition, W' 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)
2" Stainless Ball Valve	BNL Ind.	A060905-1-3	N/A	QP060782	2006	REMOVED	YES
2" Stainless Ball Valve	BNL Ind.	A070809-1-21	N/A	QP06003	2010	INSTALLED	YES

7. Description of Work: REPLACED BALL 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

Transaction # for new valve: 191018

ASME Sec. III, Winter 1971, NB6111.1C of w' 72 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

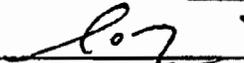
Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

 Asia O. Jerkins, Maintenance Spl, Support

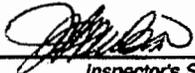
Date:

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 H&B CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 1/17/10 to 1/14/11, 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: NB # 2584 GA827 AIN  
National Board, State, Province, and Endorsements

Date:

1/14/11

## 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>January 4, 2011</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>WO 1101054401</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 . Q1P16P001C 1C SERVICE WATER PUMP (code class 3)</u></p>	
<p>5. (a) Applicable Construction Code: <u>Section III</u>, <u>1971</u> Edition, <u>1971 Summer</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)
Pump Upper Column	Hyundai	NP-95-034	2241	QP95-0628	1995	REMOVED	YES
Pump Intermediate Column	Hyundai	NP-95-035	2242	QP95-0628	1995	REMOVED	YES
Pump Lower Column	Hyundai	NP-95-036	2243	QP95-0628	1995	REMOVED	YES
Pump Bowl Assembly	Byran Jackson	197282	N/A	FNP-220	1973	REMOVED	YES
Pump(Less Dishcharge HD)	Byran Jackson	721-E-0220	N/A	FNP-220	1973	INSTALLED	YES
Weld Metal (ER70S-2)	ESAB	HT# 065915	N/A	QP090526	2009	INSTALLED	NO
Weld Metal (ER70S-2)	ESAB	HT# 065706	N/A	QP040823	2004	INSTALLED	NO

7. Description of Work: REPLACEMENT OF SW PUMP (Less Head)

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 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>Date: <u>December 2, 2010</u></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>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 1</u></p> <p>Work Order No.: <u>WO 1101055201</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</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>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 . Q1P16V0011C CTMT COOLER 1C SW SUPPLY RELIEF VALVE (code class 3)

5. (a) Applicable Construction Code: Section III, 1971 Edition, thru Wtr 1971 Addenda, 1555 and 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)
1-1/2" X2" Relief Valve	Loneragan Co.	2010130-5-3	N/A	FNP-296	1974	REMOVED	YES
1/2" Studs (4)	unknown	unknown	N/A	unknown	unk	REMOVED	NO
1/2" Nuts (8)	unknown	unknown	N/A	unknown	unk	REMOVED	NO
1-1/2" X2" Relief Valve	Anderson Crosby	N99904-00-0009	N/A	QP090757	2010	INSTALLED	YES
1/2" Studs (4)	Nova	750919 H2374	N/A	QP100627	2010	INSTALLED	NO
1/2" Nuts (8)	Nova	361170	N/A	QP100082	2010	INSTALLED	NO

7. Description of Work: REPLACEMENT OF RELIEF 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 Replacement of Relief Valve is of ASME Sec. III, 1974 Edition thru Summer 1975 Addenda, class 2

*Applicable Manufacturer's Data Reports to be attached*

Relief valve is reconiled through ED 1103283101

Replacement of Studs are per ASME Section III, NC 1983 no addenda class 1

Replacement of Nuts are per ASME Section III, NC 1989 no addenda class 2

FNP Piping Specification SS110902 allows a construction Code of ASME Section III, 1971 Edition thru 2000 Edition Addenda

The specification require the material to be SA194 Gr. 2H or SA193 Gr B7 for studs and nuts

VT-2 completed Sat.

Transaction #'s: 195334, 198183

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: 1/25/11  
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 10/30/10 to 1/26/11, 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: NB# 1256-6A827 PEN  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 1/26/11

## 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>December 1, 2010</u> Sheet: <u>1</u> of <u>2</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>	Unit: <u>FNP Unit 1</u> Work Order No.: <u>WO 1101055202</u> <i>Repair/Replacement Organization PO No, Job No, etc.</i> Type Code Symbol Stamp: <u>N/A</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>	Authorization No.: <u>N/A</u> Expiration Date: <u>N/A</u>

4. Identification of System: TPNS : Q1P16V0011D CTMT COOLER 1D SW SUPPLY RELIEF VALVE code class 3

5. (a) Applicable Construction Code: Section III, 1971 Edition, thru W/tr 1971 Addenda, 1555 and 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)
1-1/2" X2" Relief Valve	Lonergan Co.	2010130-5-4	N/A	FNP-296	1974	REMOVED	YES
1/2" Studs (4)	unknown	unknown	N/A	unknown	unk	REMOVED	NO
1/2" Nuts (8)	unknown	unknown	N/A	unknown	unk	REMOVED	NO
1-1/2" X2" Relief Valve	Anderson Crosby	N99904-00-0007	N/A	QP090757	2010	INSTALLED	YES
1/2" Studs (4)	Nova	750919 H2374	N/A	QP100627	2010	INSTALLED	NO
1/2" Nuts (8)	Nova	361170	N/A	QP100082	2010	INSTALLED	NO

7. Description of Work: REPLACEMENT OF RELIEF 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.