

FEB 12 2018

Docket No.: 50-364

NL-18-0192

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

Joseph M. Farley Nuclear Plant – Unit 2
Refueling Outage 2R25 Inservice Inspection Report

Ladies and Gentlemen:

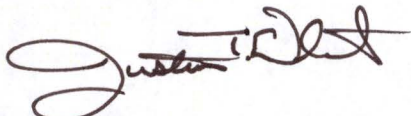
Southern Nuclear Operating Company (SNC) submits the Joseph M. Farley Nuclear Plant (FNP) – Unit 2, Interval 4, Period 3, Outage 2 Inservice Inspection Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during the Fall 2017 maintenance/refueling outage. 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 FNP.

This letter contains no NRC commitments. If you have any questions, please contact Ken McElroy at 205.992.7369.

Sincerely,

Respectfully submitted,

Justin T. Wheat
Nuclear Licensing Manager

JTW/NDJ/SM

A047
NRR

Enclosure: Farley Nuclear Plant – Unit 2 Inservice Inspection Report
Refueling Outage (2R25), Interval 4, Period 3, Outage 2

Cc: Regional Administrator, Region II
NRR Project Manager – Farley Nuclear Plant
Senior Resident Inspector – Farley Nuclear Plant
RTYPE: CFA04.054

**Joseph M. Farley Nuclear Plant – Unit 2
Refueling Outage 2R25 Inservice Inspection Report**

Enclosure

**Farley Nuclear Plant – Unit 2 Inservice Inspection Report
Refueling Outage (2R25), Interval 4, Period 3, Outage 2**

INSERVICE INSPECTION REPORT

REFUELING 25

INTERVAL 4

PERIOD 3

OUTAGE 2

J.M. FARLEY UNIT 2

NUCLEAR PLANT

Hwy 95 South

COLUMBIA, ALABAMA 36319

**Southern Nuclear Operating
Company**

40 Inverness Center Parkway

Birmingham, Alabama 35242

Volume 1

Owners Report

INSERVICE INSPECTION REPORT

REFUELING 25

INTERVAL 4

PERIOD 3

OUTAGE 2

J.M. FARLEY UNIT 2

NUCLEAR PLANT

Hwy 95 South

COLUMBIA, ALABAMA 36319

Commercial Service Date: July 30, 1981

**Southern Nuclear Operating
Company**

40 Inverness Center Parkway

Birmingham, Alabama 35242

FNP 2R25 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)

VOLUME 4

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion Engineering	CE 69105	N/A	21385
Pressurizer	Westinghouse Tampa	1561	N/A	W10793
Class 1 Piping	Daniel Construction	N/A	N/A	N/A
Class 2 Piping	Daniel Construction	N/A	N/A	N/A

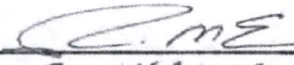
8. Examination Dates 5/12/16 to 11/15/17
9. Inspection Period Identification: Third Period 12/01/15 to 11/30/17
10. Inspection Interval Identification: Fourth Interval 12/01/07 to 11/30/17
11. Applicable Edition of Section XI 2001 Addenda 2003
12. Date/Revision of Inspection Plan: Volume 1 – 09/25/17, Ver. 14; Volume 4 – 09/26/17, Ver. 12.0; Volume 5 – 09-26-17, Ver. 6.0; Volume 6 – 01/08/16, Ver. 7.0; Volume 7 – 10/07/17, Ver. 8.0
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Tabs B and C
14. Abstract of Results of Examinations and Tests. See Tab B
15. Abstract of Corrective Measures. See Tab B

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

FORM NIS-1

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

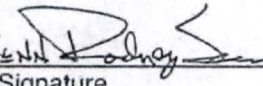
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

Date Feb 8 2018 Signed Southern Nuclear Operating Co. By 
(Owner) Rick McAdams

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 FLORIDA and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut, have inspected the components described in this Owner's Report during the period 05/12/2016 to 02/08/2018, 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.

RODNEY S. S. S.  Commissions 12603A1, 15, C, I, N, R - FL445
Inspector's Signature National Board, State, Province, and Endorsements

Date 02/08 / 2018

**OWNER'S REPORT
FOR
INSERVICE INSPECTION**

DATE: 2/1/18

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

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

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

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

COMMERCIAL SERVICE DATE: 07/30/81

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

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

CLASS 1

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	APR SKETCH
Reactor Vessel	B11	1-1200
Pressurizer	B31	1-2100
Reactor Coolant System	B13	1-4100, 1-4200, 1-4204, 1-4205, 1-4300, 1-4501
CVCS	E21	1-4106, 1-4207
Residual Heat	E11	1-4301
Safety Injection System	E21	1-4102, 1-4103, 1-4104, 1-4203, 1-4208, 1-4302, 1-4304, 1-4305, 1-4307

CLASS 2

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	APR SKETCH
Steam Generator	B21	2-3100, 2-3200
CVCS	E21	2-4514, 2-4517
Excess Letdown Delay Tanks	E21	2-1120
Containment Spray	E13	2-4702
Feedwater	N21	2-4150, 2-4350
Main Steam System	N11	2-4200, 2-4101, 2-4201, 2-4500
RHR System	E11	2-4501, 2-4502, 2-4503, 2-4504, 2-4508, 2-4509, 2-4510, 2-4518
Safety Injection	E21	2-4527, 2-4529, 2-4531, 2-4615, 2-4624, 2-4626, 2-5100

HYDROSTATIC TESTING: SEE TAB B

NAME OF AUTHORIZED NUCLEAR INSERVICE INSPECTOR: Rodney Senn

NAME AND MAILING ADDRESS
OF INSPECTOR'S EMPLOYER:

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

ABSTRACT: SEE TAB B

TAB B

BALANCE OF PLANT/REACTOR VESSEL EXAMINATION SUMMARY

J. M. FARLEY NUCLEAR PLANT UNIT NO 2 INTERVAL 4 PERIOD 3 OUTAGE 2 BALANCE OF PLANT EXAMINATION SUMMARY

INTRODUCTION

The ASME Boiler and Pressure Vessel Code, Section XI, 2001 Edition (Code), 2003 Addenda, is the applicable code for conducting inservice inspection activities during the fourth ten-year inspection interval at Farley Unit 2. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in Code paragraphs IWB-2412 and IWC-2412. This "Owner's Report for Inservice Inspection" is for those third inspection period examinations and tests which were performed between May 11, 2016 (date of last examination performed during the twenty-fourth maintenance/refueling outage, 2R24 / 4-3-1) and November 15, 2017 (date of last examination performed during the twenty-fifth maintenance/refueling outage, 2R25 / 4-3-2). Farley received approval for FNP-ISI-ALT-01 to start the fourth ISI interval on December 1, 2007.

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

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

The thirty-five year tendon surveillance was also completed during this inspection period. These exams consisted of three vertical, three hoop, and three dome tendons.

In addition to the summary of inservice inspection activities, this report addresses Code-applicable repairs and replacements documented at FNP-2 since 2R24 through the end of 2R25. 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

If 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 Standard, they are listed in a table under Tab D. If necessary and applicable, indications were evaluated and dispositioned by Indication Evaluation Reports (IER's). A listing of IER's is attached and the data sheets or evaluations are available at FNP for review. The results are summarized under Tab D.

SUMMARY OF INDICATIONS

CLASS 1

(A) VOLUMETRIC EXAMINATIONS

- There were no reportable Class 1 Volumetric indications.
- Four (4) 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 examinations.

(C) VISUAL EXAMINATIONS

- There were no reportable Class 1 Visual examinations. There was a Class 1 snubber that was found to be near the end of its stroke, but was not a rejectable indication for inservice inspections.

CLASS 2

(A) VOLUMETRIC EXAMINATIONS

- There were no reportable Class 2 Volumetric indications.
- No Class 2 welds had limited volumetric coverage during UT examination.

(B) SURFACE EXAMINATIONS

- There were no reportable Class 2 Surface examinations.

(C) VISUAL EXAMINATIONS

- There were no reportable Class 2 Visual indications.

ADDITIONAL EXAMINATIONS

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

- **Class 1 System Leakage Testing**

In accordance with IWB-5210(a), a system leakage test of the Class 1 Reactor Coolant System Pressure Boundary was performed prior to startup following the 25th refueling outage. Per IWB-5222(b) and Code Case N-800 (per alternative FNP-ISI-ALT-20), the 10-Year system leakage test was completed during 2R25. 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 were a total of six (6) pressure retaining bolted connections which had some degree of boron accumulation, and fifteen (15) other components with recorded indications (minor packing leaks and end cap leaks). In each case, an evaluation was performed and any necessary corrective actions were taken. The results of this testing is also documented in FNP-2-STP-156.3 (SNC550970) for the Farley 2R25 outage.

- **Class 2 System Leakage Testing**

In accordance with IWC-5210(a), system leakage testing was performed during the 25th refueling outage on portions of the following systems: Residual Heat Removal, Chemical and Volume Control, Safety Injection, Containment Spray, Main Steam, Main Feedwater, and Sample System. There were 17 components with recorded indications (mainly minor packing leaks and end cap leaks, three (3) gasket leaks and three (3) pump seals). In each case, necessary corrective action was performed. The results of this testing is documented in FNP-2-STP-156.2 (SNC390022).

- **IWE Examinations**

During the 2R25 refueling outage, General Visual, VT-3 and VT-1 examinations were performed on Class MC Pressure retaining components with their integral parts. These examinations were performed in accordance with ASME Section XI, Subsection IWE of the 2001 edition through the 2003 Addenda and were performed using NMP-ES-024-207, "General Visual Examination (IWE)", NMP-ES-024-201, "Visual Examination (VT-1)", and NMP-ES-024-203, "Visual Examination (VT-3)" (SNC539391).

The following information has been provided to meet the requirement of 10 CFR 50.55a(b)(2)(ix)(A).

- In 2R25, a visual 360° liner inspection was performed on all elevations of containment. On the 155' elevation, an area of flaking (approx. 16 inches in length) was found. The containment liner has not degraded in any of the locations, therefore the flaws are nonstructural in nature and have no unacceptable effect on the structural integrity of containment.
- A VT-3 was performed on the Penetrations 14, 71, 72, 90, and 92 with no issues. A VT-3 was also performed on electrical penetrations B009A and B011B with no issues.
- During the expansion joint examination, 19 areas were noted to have missing or degraded moisture barriers. Levels of degradation varied from portions of the moisture barrier missing completely, cracking of the moisture barrier, and lack of adhesion to the concrete surface. In some of the areas with the missing sealant, the 1/2" compressible material below the sealant was still in place and in other areas the compressible material was missing. Much of the sealant was still pliable to touch and still adhered to either side of the joint, but at the locations of degraded sealant, it was easily pushed down or pulled away. The areas with the missing moisture barrier were repaired and subsequently inspected as acceptable.

- Two leak chase test connections were inspected using the UT method to obtain measurements of the liner welds. The methodology was to revisit a location that previously had a UT measurement obtained and a location that did not have a UT measurement obtained. Based on the last data gathered from the previously viewed location, the measurements were the same. An attempt to obtain a sample from the second location was unsuccessful due to concrete being inside of the leak chase test connection. An attempt to drill the location to create an entry to the liner was made but the tool was not strong enough. Additional augmented exams are scheduled for future outages.

- **IWL Examinations**

The 35th year tendon surveillance occurred during this inspection period. The scope of work is based on the ASME Section XI Table IWL-2500-1 and contains examination categories L-A Concrete and L-B, Unbonded Post-Tensioning System. The scope included three vertical, three hoop, and three dome tendons and a general visual examination of the accessible portions of the containment concrete. There were 3 non-conformances for missing or protruding button heads, which were all acceptable per IWL-3120 (SNC608292).

STATUS OF EXAMINATIONS REQUIRED FOR CURRENT INTERVAL

This 2R25 Outage was the 2nd Outage, 3rd Period of the 4th Interval. The results from this outage, combined with the examinations from the last refueling outage (2R24, Spring 2016) represent 100% of the total Class 1 and 2 scope for the current period and interval. Farley Unit 2 is within ASME Code compliance, pending NRC approval of the volumetric and/or surface examination limitations. Requests for relief will be submitted within the required time frame specified by 10 CFR 50.55a. See Table 1 for completion percentages.

- **Applicable Code Cases**

The applicable Code Cases for the 2R25 Outage included:

N-460	N-663	N-695	N-696	N-700
N-706-1	N-716	N-722-1	N-729-4	N-770-2
N-800				

**Table 1
Farley Unit 2
Completion Percentages**

Cat.	Item No.	Population	Percent Required	Total Required	Total Comp.	Period 1			Period 2			Period 3			% Comp.
						Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	
B-A	B1.11	3	0% ⁽¹⁾	3	0	0	0	0%	0	0	0%	0	0	0%	
B-A	B1.21	4	0% ⁽¹⁾	4	0	0	0	0%	0	0	0%	0	0	0%	
B-A	B1.21	1	0% ⁽¹⁾	1	0	0	0	0%	0	0	0%	0	0	0%	
B-A	B1.30	1	0% ⁽¹⁾	1	0	0	0	0%	0	0	0%	0	0	0%	
Total:		9		9	0	0	0	0%	0	0	0%	0	0	0%	0% ⁽¹⁾
Note (1): FNP-ISI-ALT-09 deferred B-A exams to 5 th Interval.															
B-B	B2.11	2	100%	2	2	0	1	50%	0	1	100%	0	0	100%	
B-B	B2.12	2	100%	2	2	0	1	50%	0	0	50%	0	1	100%	
B-B	B2.40	3	33.33%	1	1	0	0	0%	0	0	0%	0	1	100%	
Total:		7		5	5	0	2	40%	0	1	60%	0	2	100%	100%
B-D	B3.100	6	100%	6	6	0	6	100%	0	0	100%	0	0	100%	
B-D	B3.110	6	100%	6	6	0	2	34%	0	2	67%	0	2	100%	
B-D	B3.120	6	100%	6	6	0	2	34%	0	2	67%	0	2	100%	
B-D	B3.140	6	100%	6	6	0	4	67%	0	0	67%	0	2	100%	
B-D	B3.90	6	0% ⁽²⁾	6	0	0	0	0%	0	0	0%	0	0	0%	
Total:		30		30	22	0	14	47%	0	2	54%	0	6	74%	100%
Note (2): FNP-ISI-ALT-09 deferred B-D B3.90 to 5 th interval.															
B-F	B5.70	6	34% ⁽³⁾	6	2	0	2	100%	N/A	N/A	N/A	N/A	N/A	N/A	
Total:		6		6	2	0	2	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%
Note (3): FNP-ISI-ALT-12 implemented Risk-Informed in the second period. Percentages for B-F exams are required to be between 16% 50% for the first period.-															
B-G-1	B6.10	1	100%	1	1	0	1	100%	0	0	100%	0	0	100%	
B-G-1	B6.180	3	33.33%	1	1	0	1	100%	0	0	100%	0	0	100%	
B-G-1	B6.190	3	0% ⁽⁴⁾	0	0	0	0	0%	0	0	0%	0	0	0%	
B-G-1	B6.20	1	100%	1	1	0	1	100%	0	0	100%	0	0	100%	
B-G-1	B6.40	1	100%	1	1	0	1	100%	0	0	100%	0	0	100%	
B-G-1	B6.50	1	100%	1	1	0	1	100%	0	0	100%	0	0	100%	
Total:		10		5	5	0	5	100%	0	0	100%	0	0	100%	100%
Note (4): B6.190 components were not disassembled this interval.															

**Table 1
Farley Unit 2
Completion Percentages**

						Period 1			Period 2			Period 3			
Cat.	Item No.	Population	Percent Required	Total Required	Total Comp.	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	% Comp.
B-G-2	B7.20	1	0% ⁽⁵⁾	0	1	0	0	0%	0	1	100%	0	0	100%	
B-G-2	B7.30	6	0% ⁽⁵⁾	0	6	0	0	0%	0	6	100%	0	0	100%	
B-G-2	B7.50	6	0% ⁽⁵⁾	0	1	0	0	0%	0	1	100%	0	0	100%	
B-G-2	B7.60	3	0% ⁽⁵⁾	0	1	0	1	100%	0	0	100%	0	0	100%	
B-G-2	B7.70	24	0% ⁽⁵⁾	0	5	0	0	0%	0	4	100%	0	1	100%	
Total:		40		0	14	0	1	7.2%	0	12	92.9%	0	1	100%	100% ⁽⁵⁾
Note (5): Only required to be examined if disassembled, all examinations were performed for disassembled components .															
B-J	B9.11	380	25%	95	51	0	35	37% ⁽⁶⁾	0	16	54%	N/A	N/A	N/A	
B-J	B9.21	56	25%	14	2	0	0	0%	0	2	15%	N/A	N/A	N/A	
B-J	B9.31	15	25%	4	0	0	0	0%	N/A	N/A	N/A	N/A	N/A	N/A	
B-J	B9.32	19	25%	5	0	0	0	0%	N/A	N/A	N/A	N/A	N/A	N/A	
B-J	B9.40	216	25%	54	0	0	0	0%	N/A	N/A	N/A	N/A	N/A	N/A	
Total:		686		172	53	0	35	21% ⁽⁵⁾	0	18	31%	N/A	N/A	N/A	0%
Note (6): FNP-ISI-ALT-12 implemented Risk-Informed in the second period. Percentages for B-J exams are required to be between 16% 50% for the first period.-															
B-K	B10.10	1	100%	1	1	0	1	100%	0	0	100%	0	0	100%	
B-K	B10.10(R)	3	33.33%	1	1	0	0	0%	0	1	100%	0	0	100%	
B-K	B10.20	12	10%	2	2	0	1	50%	0	0	50%	0	1	100%	
Total:		16		4	4	0	2	50%	0	1	75%	0	1	100%	100%
B-L-2	B12.20	3	0%	0	0	0	0	0%	0	0	0%	0	0	0%	
Total:		3		0	0	0	0	0%	0	0	0%	0	0	0%	0% ⁽⁷⁾
Note (7): Only required to be examined if disassembled, none were disassembled during the 4 th interval.															
B-M-2	B12.50(1)	4	0% ⁽⁸⁾	0	0	0	0	0%	0	0	0%	0	0	0%	
B-M-2	B12.50(2)	6	0% ⁽⁸⁾	0	0	0	0	0%	0	0	0%	0	0	0%	
B-M-2	B12.50(3)	5	0% ⁽⁸⁾	0	0	0	0	0%	0	0	0%	0	0	0%	
B-M-2	B12.50(4)	3	0% ⁽⁸⁾	1	1	0	0	0%	0	0	0%	0	1	100%	
B-M-2	B12.50(5)	6	0% ⁽⁸⁾	0	0	0	0	0%	0	0	0%	0	0	0%	
Total:		24		0	0	0	0	0%	0	0	0%	0	0	100%	100%
Note (8): Only required to be examined if disassembled.															

**Table 1
Farley Unit 2
Completion Percentages**

						Period 1			Period 2			Period 3			
Cat.	Item No.	Population	Percent Required	Total Required	Total Comp.	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	% Comp.
B-N-1	B13.10	1	100%	3	3	0	1	33%	0	1	67%	0	1	100%	
Total:		1		3	3	0	1	33%	0	1	67%	0	1	100%	100%
B-N-2	B13.60	4	100%	4	4	0	4	100%	0	0	100%	0	0	100%	
Total:		4		4	4	0	4	100%	0	0	100%	0	0	100%	100%
B-N-3	B13.70	1	100%	1	1	0	1	100%	0	0	100%	0	0	100%	
Total:		1		1	1	0	1	100%	0	0	100%	0	0	100%	100%
B-O	B14.10	22	10%	2	5 ⁽⁹⁾	0	5	250%	0	0	250%	0	0	250%	
Total:		22	10%	2	5	0	5	250%	0	0	250%	0	0	250%	250%
Note (9): Extra CRDM welds inspected due to limited access to upper weld.															
C-A	C1.20	3	33.33%	1	1	0	1	100%	0	0	100%	0	0	100%	
C-A	C1.30	3	33.33%	1	1	0	0	0%	0	0	0%	0	1	100%	
Total:		6		2	2	0	1	50%	0	0	50%	0	1	100%	100%
C-B	C2.21	3	33.33%	1	1	0	1	100%	0	0	100%	0	0	100%	
C-B	C2.22	3	33.33%	1	1	0	1	100%	0	0	100%	0	0	100%	
Total:		6		2	2	0	2	100%	0	0	100%	0	0	100%	100%
C-C	C3.10	6	16.666%	1	1	0	1	100%	0	0	100%	0	0	100%	
C-C	C3.20	137	10.1%	14	14	0	5	36%	0	4	65%	0	5	100%	
C-C	C3.30	12	10%	2	2	0	0	0%	0	1	50%	2	1	100%	
Total:		155		17	17	0	6	36%	0	5	65%	0	8	100%	100%
C-F-1	C5.11	865	7.5%	65	19	0	19	30%	N/A	N/A	N/A	N/A	N/A	N/A	
C-F-1	C5.21	367	7.5%	28	0	0	0	0%	N/A	N/A	N/A	N/A	N/A	N/A	
C-F-1	C5.30	196	7.5%	15	0	0	0	0%	N/A	N/A	N/A	N/A	N/A	N/A	
C-F-1	C5.41	20	7.5%	2	0	0	0	0%	N/A	N/A	N/A	N/A	N/A	N/A	
Total:		1448		110	19	0	19	18% ⁽¹⁰⁾	N/A	N/A	N/A	N/A	N/A	N/A	100 ⁽¹⁰⁾ %
Note (10): FNP-ISI-ALT-12 implemented Risk-Informed in the second period. Percentages for C-F-1 exams are required to be between 16% 50% for the first period.															

**Table 1
Farley Unit 2
Completion Percentages**

						Period 1			Period 2			Period 3			
Cat.	Item No.	Population	Percent Required	Total Required	Total Comp.	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	% Comp.
C-F-2	C5.51	203	12%	25	10	0	10	40%	N/A	N/A	N/A	N/A	N/A	N/A	
C-F-2	C5.60	12	7.5%	1	0	0	0	0%	N/A	N/A	N/A	N/A	N/A	N/A	
C-F-2	C5.81	24	7.5%	2	0	0	0	0%	N/A	N/A	N/A	N/A	N/A	N/A	
Total:		239		28	10	0	10	36% ⁽¹¹⁾	N/A	N/A	N/A	N/A	N/A	N/A	100% ⁽¹¹⁾
Note (11): FNP-ISI-ALT-12 implemented Risk-Informed in the second period. Percentages for C-F-2 exams are required to be between 16% 50% for the first period															
D-A	D1.10	9	44.444%	4	4	0	2	50%	0	0	50%	0	2	100%	
D-A	D1.20	185	11.5%	22	22	0	7	32%	0	10	78%	0	5	100%	
Total:		194		26	26	0	9	35%	0	10	74%	0	7	100%	100%
E-A	E1.11	17	100%	17	17	0	16	94	0	0	80%	0	1	100%	
E-A	E1.30	3	100%	3	3	0	0	0%	0	0	0%	0	3	100%	
Total:		8		20	20	0	16	80%	0	0	80%	0	4	100%	100%
F-A	F1.10B	57	(12)	14	14	0	5	36%	0	3	57%	0	6	100%	
F-A	F1.10C	26	(12)	7	7	0	1	15%	0	4	72%	0	2	100%	
F-A	F1.10D	66	(12)	16	16	0	8	50%	0	4	75%	0	4	100%	
F-A	F1.10E	22	(12)	6	6	0	1	17%	0	3	67%	0	2	100%	
F-A	F1.10F	1	(12)	1	1	0	0	0%	0	0	0%	0	1	100%	
F-A	F1.10I	2	(12)	1	1	0	1	100%	0	0	100%	0	0	100%	
F-A	F1.10S	49	(12)	14	14	0	6	43%	0	3	65%	0	5	100%	
Total:		223	25% ⁽¹²⁾	59	59		22	37%		17	66%		20	100%	100%
Note (12): Total class 1 supports completed is slightly higher than 25%.															
F-A	F1.20A	50	(13)	8	8	0	1	13%	0	3	50%	0	4	100%	
F-A	F1.20B	106	(13)	17	17	0	7	42%	0	1	47%	0	9	100%	
F-A	F1.20C	18	(13)	2	2	0	0	0%	0	2	100%	0	0	100%	
F-A	F1.20D	173	(13)	27	27	0	6	23%	0	9	56%	0	12	100%	
F-A	F1.20E	69	(13)	11	11	0	1	9%	0	7	73%	0	3	100%	
F-A	F1.20F	15	(13)	3	3	0	1	34%	0	0	34%	0	2	100%	
F-A	F1.20G	8	(13)	2	2	0	1	50%	0	0	50%	0	1	100%	

**Table 1
Farley Unit 2
Completion Percentages**

						Period 1			Period 2			Period 3			
Cat.	Item No.	Population	Percent Required	Total Required	Total Comp.	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	% Comp.
F-A	F1.20J	11	(13)	1	1	0	1	100%	0	0	100%	0	0	100%	
F-A	F1.20S	33	(13)	4	4	0	2	50%	0	0	0%	0	2	100%	
Total:		483	15% ⁽¹³⁾	75	75		20	27%		22	56%		33	100%	100%
Note (13): Total class 2 supports completed is slightly higher than 15%.															
F-A	F1.30A	59	(14)	6	6	0	2	34%	0	3	84%	0	1	100%	
F-A	F1.30B	121	(14)	13	13	0	4	31%	0	4	62%	0	5	100%	
F-A	F1.30C	7	(14)	1	1	0	0	0%	0	1	100%	0	0	100%	
F-A	F1.30D	338	(14)	34	34	0	15	45%	0	12	80%	0	7	100%	
F-A	F1.30E	133	(14)	14	14	0	4	29%	0	3	50%	0	7	100%	
F-A	F1.30F	62	(14)	8	8	0	5	63%	0	2	88%	0	1	100%	
F-A	F1.30H	13	(14)	1	1	0	0	0%	0	0	0%	0	1	100%	
F-A	F1.30S	30	(14)	6	6	0	0	0%	0	2	34%	0	4	100%	
Total:		763	10% ⁽¹⁴⁾	83	83		30	37%		27	63%		26	100%	100%
Note (14): Total class 3 supports completed is slightly higher than 10%.															
F-A	F1.40	76	48%	37	37	0	14	38%	0	15	79%	0	8	100%	
Total:		76		37	37	0	14	38%	0	15	79%	0	8	100%	100%
F-A totals:		1545		254	254		86	33.9%		81	65.8%		87	100%	100%
N-722-1	B15.80	1	100%	4	4	0	2	50%	0	1	75%	0	1	100%	
N-722-1	B15.90	3	100%	12	12	0	0 ⁽¹⁵⁾	0%	0	6 ⁽¹⁵⁾	50%	0	6	100%	
N-722-1	B15.95	3	100%	3	3	0	0	0%	0	0	0%	0	3	100%	
Total:		7		7	7	0	1	15%	0	3	58%	0	3	100%	100%
Note (15)- UT exams performed in lieu of visual exams per N-770-1 in 2R19, 2R20, 2R23 in the 1 st and 2 nd periods.															
N-729-4	B4.30	1	100%	1	1	0	1	100%	0	0	100%	0	0	100%	
N-729-4	B4.40	1	0% ⁽¹⁶⁾	0	0	0	0	0%	0	0	0%	0	0	0%	
Total:		2		1	1	0	1	100%	0	0	100%	0	0	100%	100%
Note (16): FNP-ISI-ALT-17 allowed for 15 year frequency. Examination not required in the 4 th interval.															

**Table 1
Farley Unit 2
Completion Percentages**

						Period 1			Period 2			Period 3			
Cat.	Item No.	Population	Percent Required	Total Required	Total Comp.	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	Sched	Comp.	Cumm %	% Comp.
N-770-2	A-2 ⁽¹⁸⁾	3	100%	21	21	0	6	28.6%	0	9	71.5%	0	6	100%	
N-770-2	B ⁽¹⁷⁾	3	100%	3	3	0	3	100%	0	0	100%	0	0	100%	
N-770-2	F	6	100%	6	6	0	1	17%	0	5	100%	0	0	100%	
Total:		12		30	30	0	10	33.3%	0	14	80%	0	6	100%	100%
<p align="center">Note (17)- Frequency is 9 year per FNP-ISI-ALT-15. Note (18)- UT examinations were performed in 2R19, 2R20, 2R23 in the 1st and 2nd periods. Visual examinations were performed in conjunction with N-722-1 Item B15.90.</p>															
R-A	R0.00	1115	(19)	0	0	N/A	N/A	N/A	0	0	0%	0	0	0%	
R-A	R1.11	157	(19)	13	13	N/A	N/A	N/A	0	2	16%	0	11	100%	
R-A	R1.11/16	8	(19)	2	2	N/A	N/A	N/A	0	2	100%	0	0	100%	
R-A	R1.11H	49	(19)	11	11	N/A	N/A	N/A	0	7	64%	0	4	100%	
R-A	R1.16	8	(19)	2	2	N/A	N/A	N/A	0	2	100%	0	0	100%	
R-A	R1.20	964	(19)	35	35	N/A	N/A	N/A	0	14	40%	0	21	100%	
R-A	R1.20BER	173	(19)	4	4	N/A	N/A	N/A	0	4	100%	0	0	100%	
Total:		2474		67	67	N/A	N/A	N/A	0	31	47%	0	36	100%	100%
<p align="center">Note (19): FNP-ISI-ALT-12 implemented Risk-Informed in the second period. Inspection were completed per the inspection schedule.</p>															

TAB C

CLASS 1 & 2 EXAMINATION RESULT SUMMARY

**Farley Unit 2
Class 1 Components**

ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks
B-G-2 B7.70	APR1-4502-QV031B CROSBY VLV BODY 6" RLF VLV PZR	NMP-ES-024-201	-	S18F2V001	NRI	Valve removed in 2R25, exam performed after 2R25 for 4 th interval credit.
B-M-2 B12.50	APR1-4502-QV031B CROSBY VLV BODY 6" RLF VLV PZR	NMP-ES-024-203	-	S18F2V002	Accept	Valve removed in 2R25, exam performed after 2R25 for 4 th interval credit.
B-N-1 B13.10	APR1-1200-VS INT VESSEL INTERIOR	NMP-ES-024-203	-	S17F2V055	Accept	NA
B-B B2.12	APR1-2100-1 PRZ LOWER SHELL LONG SEAM	NMP-ES-024-516	APR-7	S17F2U018	NRI	NA
R-A R1.11	APR1-4106-11-RB PIPE TO BRANCH CONNECTION	NMP-ES-024-501	ALA-8	S17F2U036	NRI	50% Code coverage. Relief Request required.
R-A R1.11	APR1-4205-43-RB PIPE TO ELBOW	NMP-ES-024-501	ALA-7	S17F2U008	NRI	NA
R-A R1.11H	APR1-4205-44-RB PIPE TO ELBOW	NMP-ES-024-501	ALA-7	S17F2U009	NRI	NA
R-A R1.11H	APR1-4205-45-RB ELBOW TO PIPE	NMP-ES-024-501	ALA-7	S17F2U010	NRI	NA
R-A R1.11H	APR1-4301-10-RB PIPE TO ELBOW	NMP-ES-024-501	ALA-3	S17F2U011	NRI	NA
R-A R1.11H	APR1-4301-11-RB ELBOW TO PIPE	NMP-ES-024-501	ALA-3	S17F2U012	NRI	NA
R-A R1.20	APR1-4302-3-RB ELBOW TO PIPE	NMP-ES-024-501	ALA-3	S17F2U014	NRI	NA
R-A R1.20	APR1-4302-4-RB PIPE TO PIPE	NMP-ES-024-501	ALA-3	S17F2U030	NRI	NA
R-A R1.20	APR1-4302-5-RB PIPE TO PIPE	NMP-ES-024-501	ALA-3	S17F2U015	NRI	NA
R-A R1.20	APR1-4302-11-RB ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S17F2U039	NRI	75% Code coverage. Relief Request required.
R-A R1.20	APR1-4302-12-RB PIPE TO ELBOW	NMP-ES-024-501	ALA-67	S17F2U038	NRI	87.5% Code coverage. Relief Request required.
R-A R1.20	APR1-4302-13-RB ELBOW TO PIPE	NMP-ES-024-501	ALA-67	S17F2U037	NRI	NA
R-A R1.11	APR1-4307-21BC-RB BRANCH CONNECTION	NMP-ES-024-501	ALA-67	S17F2U007	NRI	22.3% Code coverage – Relief Request required. Best effort exam due to configuration & thickness changes.

Farley Unit 2 Supports						
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks
C-A C1.30	APR2-3100-2R LOWER SHELL BARREL A / UPPER TUBESHEET	NMP-ES-024-516	ALA-56	S17F2U019	NRI	NA
C-B C2.22	APR2-3200-IR8R STM GN B FW NOZ INNER RADIUS	NMP-ES-024-513	ALA-60	S17F2U028	NRI	NA
C-C C3.20	APR2-4101-2MS-R511 (W3) WELDED ATTACHMENT	NMP-ES-024-401	-	S17F2M001	NRI	NA
R-A R1.20	APR2-4150-3 PIPE TO PIPE	NMP-ES-024-502	ALA-65	S17F2U029	NRI	NA
R-A R1.20	APR2-4150-15-RB PIPE TO ELBOW	NMP-ES-024-502	ALA-65	S17F2U025	NRI	NA
R-A R1.20	APR2-4150-16-RB ELBOW TO PIPE	NMP-ES-024-502	ALA-65	S17F2U026	NRI	NA
R-A R1.20	APR2-4350-18R-RB PIPE TO PIPE	NMP-ES-024-502	ALA-65	S17F2U033	NRI	NA
R-A R1.20	APR2-4350-21R-RB ELBOW TO REDUCER	NMP-ES-024-502	ALA-65	S17F2U034	NRI	NA
R-A R1.20	APR2-4350-22R-RB REDUCER TO NOZZLE	NMP-ES-024-502	ALA-65	S17F2U035	NRI	NA
C-C C3.30	APR2-5100-CS-2R (W1) WELDED ATTACHMENT	NMP-ES-024-301	-	S17F2P001	NRI	NA
C-C C3.30	APR2-5100-CS-3R (W1) WELDED ATTACHMENT	NMP-ES-024-301	-	S17F2P002	NRI	NA

Farley Unit 2 Supports						
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks
F-A F1.10S	APR1-4102-2SI-R359 HYDRAULIC SNUBBER	NMP-ES-024-203	-	S17F2V027	Accept	NA
F-A F1.10S	APR1-4204-2SI-R140 HYDRAULIC SNUBBER	NMP-ES-024-203	-	S17F2V025	Accept	NA
F-A F1.10S	APR1-4207-2CVC-R657 HYDRAULIC SNUBBER	NMP-ES-024-203	-	S17F2V026	Accept	NA
F-A F1.10C	APR1-4207-2CVC-R663 SPRING CAN	NMP-ES-024-203	-	S17F2V024	SAT	NA
F-A F1.10D	APR1-4208-SS-12284 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V028	SAT	NA
F-A F1.10D	APR1-4208-SS-12290 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V029	SAT	NA
F-A F1.10B	APR1-4208-SS-12292 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V030	SAT	NA
F-A F1.10S	APR1-4501-2RC-R136A HYDRAULIC SNUBBER	NMP-ES-024-203	-	S17F2V052	Reject	CR 10423948 – Not rejectable per Westinghouse evaluation LTR-SDA-11-17-21, Rev 1
F-A F1.10S	APR1-4501-2RC-R136B HYDRAULIC SNUBBER	NMP-ES-024-203	-	S17F2V053	Accept	NA
F-A F1.20G	APR2-1120-2CVC-R633X EXCESS LETDOWN DELAY TANKS	NMP-ES-024-203	-	S17F2V039	SAT	NA
F-A F1.20D	APR2-4200-2MS-R89 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V056	SAT	NA
F-A F1.20S	APR2-4502-2RHR-R132 HYDRAULIC SNUBBER	NMP-ES-024-203	-	S17F2V011	Accept	NA
F-A F1.20D	APR2-4503-2RHR-R15 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V015	SAT	NA
F-A F1.20E	APR2-4504-2RHR-R17 SWAY STRUT	NMP-ES-024-203	-	S17F2V013	SAT	NA
F-A F1.20B	APR2-4504-2RHR-R64 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V042	SAT	NA
F-A F1.20B	APR2-4504-2RHR-R122 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V014	SAT	NA
F-A F1.20A	APR2-4508-RHR-2A6 ANCHOR W/ATT	NMP-ES-024-203	-	S17F2V018	SAT	NA
F-A F1.20S	APR2-4509-2SI-R125 HYDRAULIC SNUBBER	NMP-ES-024-203	-	S17F2V017	Accept	NA
F-A F1.20B	APR2-4510-2SI-R129 ONE DIRECTIONAL RESTRAINT W/ATT	NMP-ES-024-203	-	S17F2V005	SAT	NA

Farley Unit 2 Supports						
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks
F-A F1.20D	APR2-4514-2CVC-R828 TWO DIRECTIONAL RESTRAINT W/ATT	NMP-ES-024-203	-	S17F2V001	SAT	NA
F-A F1.20B	APR2-4514-2CVC-R829 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V021	SAT	NA
F-A F1.20D	APR2-4514-2CVC-R830 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V020	SAT	NA
F-A F1.20E	APR2-4514-2CVC-R831 SWAY STRUT (2) W/ATT	NMP-ES-024-203	-	S17F2V036	SAT	NA
F-A F1.20E	APR2-4514-2CVC-R832 SWAY STRUT (2) W/ATT	NMP-ES-024-203	-	S17F2V019	SAT	NA
F-A F1.20D	APR2-4517-2SI-R131 TWO DIRECTIONAL RESTRAINT W/ATT	NMP-ES-024-203	-	S17F2V037	SAT	NA
F-A F1.20D	APR2-4517-2SI-R132 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V057	SAT	NA
F-A F1.20D	APR2-4518-2SI-R955 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V012	SAT	NA
F-A F1.20D	APR2-4527-2CVC-R235 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V002	SAT	NA
F-A F1.20B	APR2-4527-2CVC-R237 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V003	SAT	NA
F-A F1.20B	APR2-4529-2CVC-R13 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V006	SAT	NA
F-A F1.20B	APR2-4529-2CVC-R256 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V010	SAT	NA
F-A F1.20A	APR2-4531-CVCS-2A65 ANCHOR W/ATT	NMP-ES-024-203	-	S17F2V044	SAT	NA
F-A F1.20D	APR2-4615-SS-12390 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V031	SAT	NA
F-A F1.20D	APR2-4615-SS-12394 TWO DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V032	SAT	NA
F-A F1.20A	APR2-4624-SS-12504 ANCHOR W/ATT	NMP-ES-024-203	-	S17F2V033	SAT	NA
F-A F1.20A	APR2-4626-SI-2A8 ANCHOR W/ATT	NMP-ES-024-203	-	S17F2V043	SAT	NA
F-A F1.20B	APR2-4702-2CS-R329 ONE DIRECTIONAL RESTRAINT	NMP-ES-024-203	-	S17F2V040	SAT	NA

TAB D

**SUMMARY OF
REPORTABLE
INDICATIONS**

[illegible][illegible]

TAB E

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

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

The following Owner's Reports for Repairs or Replacements (Form NIS-2) are provided for work activities documented at FNP-2 since the last maintenance/refueling outage (2R24) through the completion of the twenty-fifth maintenance/refueling outage (2R25). Reports are identified by their respective job number which is denoted on each of the NIS-2 reports. The originals of the NIS-2 reports are filed with their respective packages at the plant site. Only those NIS-2 reports applicable to FNP-2 are included in this report document. Any attachments, e.g., code data reports, etc., referenced in the NIS-2 reports will be made available for review upon request at the plant site.

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

Class 1

SNC653085	SNC826902	SNC826906	SNC826917
SNC826879	SNC826903	SNC826909	SNC826918

Class 2

SNC78932	SNC561469	SNC846847	SNC849932
SNC82030	SNC668891	SNC846848	SNC849934
SNC82194	SNC798621	SNC846849	SNC849936
SNC83610	SNC814292	SNC849900	SNC849938
SNC557650	SNC826901	SNC849902	SNC851013
SNC561463	SNC826907	SNC849907	

Class 3

SNC69668	SNC389968 *	SNC795917	SNC904016
SNC78931 *	SNC482144	SNC849631	SNC904689
SNC80302	SNC766508	SNC893477	
SNC329917	SNC794463	SNC904008	

*These work orders were completed during the previous inspection period, but were inadvertently omitted from the report to the NRC on 8/9/16 per SNC Letter NL-16-1277. Reference CR 10263183.

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 10/31/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC653085
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System E11, RHR System, Q2E11SNUBBRHR118, Class 1

5. (a) Applicable Construction Code AISC Edition, 1969 Addenda, N/A Code Case

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

(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)
Snubber	ITT Grinnell	21655	N/A	FNP2-29	1978	Removed	No
Snubber	Anvil	40236	N/A	SNA10152321	2017	Installed	No

7. Description of Work Replaced Snubber.

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

FORM NIS-2 (Back)

9. Remarks SNC653085

Applicable Manufacturer's Data Reports to be attached

Replaced ITT Grinnell snubber with Anvil snubber. Performed VT-3.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned [Signature] Main Eng Date 10-31-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/12/2017 to 11/03/2017, 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.

RODNEY S. S. [Signature] Commissions 12603 A, I, S, C, I, N, R - FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 11/03/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 10/26/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC826879
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System B13, Main Steam System, Q2B13SNUBBRCR142, Class 1

5. (a) Applicable Construction Code AISC Edition, 1969 Addenda, N/A Code Case

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

(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)
Snubber	PSA	3133	N/A	Unk	1996	Removed	No
Snubber	PSA	16044	N/A	7006339	1991	Installed	No

7. Description of Work Replaced Snubber.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks SNC826879

Applicable Manufacturer's Data Reports to be attached

Replaced PSA snubber with another PSA snubber and performed a VT-3.

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 Christopher Clements Maint Engineer Date 10-26-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/12/2017 to 11/01/2017, 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.

Robert S. Smith
Inspector's Signature

Commissions 12603A1, 15.C.1, N.B. - FL445
National Board, State, Province and Endorsements

Date 11/01/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 1/17/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC826902
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System B13, RCS, Q2B13SNUBBRCH8A, Class 1

5. (a) Applicable Construction Code AISC Edition, 1969 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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)
Snubber	Lisega	61346/23	N/A	Unk	Unk	Removed	No
Snubber	Lisega	30900639/008	N/A	QP110120	2011	Installed	No

7. Description of Work Replaced snubber.

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

FORM NIS-2 (Back)

9. Remarks SNC826902

Applicable Manufacturer's Data Reports to be attached

Replaced Liseqa snubber with a new Liseqa snubber. Performed a VT-3. CMTR's 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 Chetan Chavhan Manit Ego Date 11-1-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/12/2017 to 11/01/2017, 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.

Rodney Senn Rodney Senn Commissions 12603 AI, IS, C, I, N, R - FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 11/01/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 10/25/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC826903

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System B13, RCS, Q2B13SNUBBRCR8B, Class 1

5. (a) Applicable Construction Code AISC Edition, 1969 Addenda, N/A Code Case

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

(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)
Snubber	Lisega	61346/22	N/A	Unk	Unk	Removed	No
Snubber	Lisega	31200724/001	N/A	SNA10082428	2017	Installed	No

7. Description of Work Replaced snubber.

8. Test Conducted:

Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
Other ☒ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks SNC826903

Applicable Manufacturer's Data Reports to be attached

Replaced Liseqa snubber with a new Liseqa snubber. Performed a VT-3. CMTR's 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 Hyman Chernick Maint Eng Date 11-1-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/13/2017 to 11/01/2017, 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.

DOONEY SENA
Inspector's Signature

Commissions 12603A1, 13, C, I, N, R - FL 445
National Board, State, Province and Endorsements

Date 11/01/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 10/26/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC826906

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System G24, Steam Generator Blowdown System, Q2G24SNUBBSS12962, Class 1

5. (a) Applicable Construction Code AISC Edition, 1999 Addenda, N/A Code Case

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

(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)
Snubber	Lisega	61299/44	N/A	QP460460	1996	Removed	No
Snubber	Lisega	31500023/064	N/A	SNA10106065	2015	Installed	No

7. Description of Work Replaced Snubber.

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

FORM NIS-2 (Back)

9. Remarks SNC826906

Applicable Manufacturer's Data Reports to be attached

Replaced Usega snubber with new Usega snubber and performed a VT-3.

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 Chate Rount Mait Eng Date 10-26-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/13/2017 to 10/31/2017 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.

ROONEY, SEAN
Inspector's Signature

Commissions 12603 AI, IS, C, I, N, R - FL 445
National Board, State, Province and Endorsements

Date 10/31/2017

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
Name

40 Inverness Ctr Pkwy, Birmingham, AL 35242
Address

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

7388 N. State Hwy 95, Columbia, AL 36319
Address

3. Work Performed By
FNP Maintenance Department
Name

7388 N. State Hwy 95, Columbia, AL 36319
Address

Date: 10/21/2017

Sheet 1 of 2

Unit FNP Unit 2

WO# SNC826909

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System E21, CVCS, Q2E21SNUBBSS11991, Class 1

5. (a) Applicable Construction Code AISC Edition, 1969 Addenda, N/A Code Case

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

(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)
Snubber	Lisege	61319/86	N/A	Unk	1996	Removed	No
Snubber	Lisege	31600282-005	N/A	SNA10155901	2017	Installed	No

7. Description of Work Replaced Snubber.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks SNC826909

Applicable Manufacturer's Data Reports to be attached

Replaced Usega snubber with new Usega snubber and performed a VT-3.

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 Chyler Clarrick Plant Engineer Date 10-26-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/12/2017 to 10/31/2017, 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.

Raymond S. Smith 10/31/2017 Commissions 12603 A1,13,C1,N1,R - FL445
Inspector's Signature National Board, State, Province and Endorsements
Raymond S. Smith
Date 10/31/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 10/28/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC826917
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System B13, Reactor Coolant System, Q2B13SNUBBSS11924A, Class 1

5. (a) Applicable Construction Code AISC Edition, 1969 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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)
Snubber	Lisega	61319/83	N/A	Unk	Unk	Removed	No
Snubber	Lisega	31600282/004	N/A	SNA10155901	2014	Installed	No

7. Description of Work Replaced Snubber.

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

FORM NIS-2 (Back)

9. Remarks SNC826917

Applicable Manufacturer's Data Reports to be attached

Replaced Useqa snubber with new Useqa snubber and performed a VT-3.

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 Keith Christ Mandy Eng Date 11-15-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/13/2017 to 11/20/2017, 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.

RODNEY SENNA
Inspector's Signature

Commissions 12603 A1, IS, C, I, N, R - FL445
National Board, State, Province and Endorsements

Date 11/20/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, AL 35242
Address

Date: 10/25/2017
Sheet 1 of 2
Unit FNP Unit 2

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

WO# SNC826918
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

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

4. Identification of System B13, RCS, Q2B13SNUBBSS11924B, Class 1

5. (a) Applicable Construction Code AISC Edition, 1969 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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)
Snubber	Lisega	61319/84	N/A	Unk	Unk	Removed	No
Snubber	Lisega	31600282-014	N/A	SNA10155901	2017	Installed	No

7. Description of Work Replaced snubber.

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

FORM NIS-2 (Back)

9. Remarks SNCB26918

Applicable Manufacturer's Data Reports to be attached

Replaced Liseqa snubber with a new Liseqa snubber. Performed a VT-3. CMTR's attached.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned Chytr. Clerk A Maint Eng Date 10-27-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 10/24/2017 to 11/01/2017, 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.

Ronley S. Smith
Inspector's Signature

Commissions 12603 A1, 15, C, I, N, R - FL 445
National Board, State, Province and Endorsements

Date 11/01/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/13/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC78932
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Expiration Date N/A

4. Identification of System P16, Service Water System, Q2P16V0011B, Class 2

5. (a) Applicable Construction Code ASME III 1974 Edition, Summer 1975 Addenda, N/A Code Case

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

(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	Crosby	N99904-00-0018	N/A	QP100626	2011	Removed	Yes
Studs	Unk	Unk	N/A	Unk	Unk	Removed	No
Nuts	Unk	Unk	N/A	Unk	Unk	Removed	No
Valve	Crosby	N99904-00-0035	N/A	SNA10133688	2016	Installed	Yes
Studs	Cardinal Industrial	X569B	N/A	SNA31372-0089	2013	Installed	No
Nuts	Curtis Wright	8074485	N/A	SNA36051-0391	2016	Installed	No

7. Description of Work Replaced valve and associated hardware.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks SNC78932

Applicable Manufacturer's Data Reports to be attached

Replaced valve and performed a VT-2. CMTR's 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 Clyde Clement Plant Eng Date 11-28-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/28/2017 to 11/29/2017, 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.

RONALD S. SELL
Inspector's Signature

Commissions 12603 A, I, S, C, I, N, R - FL45
National Board, State, Province and Endorsements

Date 11/29/2017

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
Name

40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

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

7388 N. State Hwy 95, Columbia, Al. 36319
Address

3. Work Performed By
FNP Maintenance Department
Name

7388 N. State Hwy 95, Columbia, Al. 36319
Address

Date: 1/4/2018

Sheet 1 of 2

Unit FNP Unit 2

WO# SNC82030
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System E21, Reactor Coolant System, Q2E21V256C, Class 2

5. (a) Applicable Construction Code ASME III 1977 Edition, Winter 1979 Addenda, N/A Code Case

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

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

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Plug Assembly	Copes Vulcan	Unk	N/A	FNP2-2	Unk	Removed	Yes
Plug Assembly	Copes Vulcan	8121-96855-1-1	N/A	FNP2-3590	1982	Installed	Yes

7. Description of Work Replaced plug assembly.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks SNC82030

Applicable Manufacturer's Data Reports to be attached

Replaced plug assembly. Performed VT-2. CMTR's 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 Christopher Clement Mait Froy Date 1-4-2018
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/24/17 to 01/29/2018, 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.

Ronney SEN
Inspector's Signature

Commissions 12663A1, 12, C, 1, N, 2 - FL445
National Board, State, Province and Endorsements

Date 01/29/2018

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 12/6/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC82194
Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed By
NWS Technologies
Name
7388 N. 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 N11, Main Steam System, Q2N11V0012E, Class 2

5. (a) Applicable Construction Code ASME III 1971 Edition, Winter 1971 Addenda, 1574 Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Disc	Dresser	G/E/AAC64	N/A	FNP-316	1974	Removed	Yes
Spindle Head	Dresser	G/AD/AAC05	N/A	FNP-316	1974	Removed	No
Spindle Stem	Dresser	G/C/AAB89	N/A	FNP-316	1974	Removed	No
Compression Screw	Dresser	G/G/AAB92	N/A	FNP-316	1974	Removed	No
Stud	Unk	Unk	N/A	Unk	Unk	Removed	No
Nut	Unk	Unk	N/A	Unk	Unk	Removed	No
Disc	Dresser	AHK64	N/A	SNA10041641	2013	Installed	Yes
Spindle	Dresser	AJL81	N/A	SNA10075686	2014	Installed	No
Compression Screw	Dresser	AKS83	N/A	SNA10112372	2016	Installed	No
Stud	Curtis Wright	35A3	N/A	SNA36051-0407	2016	Installed	No
Nut	Curtis Wright	32E3	N/A	SNA36051-0364	2016	Installed	No

7. Description of Work Repalced disc, compression screw, splindle and studs and nuts..

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

FORM NIS-2 (Back)

9. Remarks SNC82194

Applicable Manufacturer's Data Reports to be attached

Replace various components and refurbished at NWS. installed in plant and a VT-2 was performed.

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 Chet Bonifant Maint Eng Date 12/6/17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 10/11/2017 to 12/07/2017, 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.

RODNEY SEAN Rodney Seán
Inspector's Signature

Commissions 1260341, 13, C, 1, N, B - FL 445
National Board, State, Province and Endorsements

Date 12/07/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 6/29/2016
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC83610
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System N11, Q2N11V3371C, Main Steam System, Class 2

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 Edition, 2003 Addenda
(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	Fisher Controls	6014245-6	N/A	FNP2-57	1977	Removed	No
Bonnet Plug	Fisher Controls	49122-3	N/A	FNP2-57	1977	Removed	No
Valve Bonnet	Fisher Controls	Y644 S/N 10	N/A	QP6354	1993	Installed	No
Bonnet Plug	Fisher Controls	18672-1	N/A	QP6354	1993	Installed	No

7. Description of Work Replaced valve bonnet and leak-off plug

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

FORM NIS-2 (Back)

9. Remarks WO# SNC83610

Applicable Manufacturer's Data Reports to be attached

Data report attached. A VT-2 examination was performed.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 10/5/16
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 08/19/2016 to 10/08/2016, 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 12603A1NC, FL445
National Board, State, Province and Endorsements

Date 10/08/2016

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/28/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC557650
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System N11, Main Steam System, Q2N11V002C, Class 2

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1973 Addenda, N/A Code Case

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

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

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Disc	Lukens Steel	1-341	N/A	FNP2-22	1975	Removed	Yes
Disc	Weir	SN 15	N/A	QP090875	2010	Installed	Yes

7. Description of Work Replaced disc Assembly.

Disc refurbished uner PO QP090875.

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

FORM NIS-2 (Back)

9. Remarks SNC557650

Applicable Manufacturer's Data Reports to be attached

Replaced disc assembly. CMTR's attached.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned Clyde Clements Mail Eng Date 11-28-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 10/26/2017 to 11/29/2017, 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.

RODNEY SENN
Inspector's Signature

Commissions 12603 A, I, S, C, I, N, R - FL445
National Board, State, Province and Endorsements

Date 11/29/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/9/2015
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC561463
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System N11, Main Steam System, Q2N11V002B, Class 2

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1973 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Disc	Lukens Steel	6-341	N/A	FNP2-22	1975	Removed	Yes
Disc	Weir	Z1169-1	N/A	SNA10146947	2017	Installed	Yes

7. Description of Work Replaced disc Assembly.

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

FORM NIS-2 (Back)

9. Remarks SNC561463

Applicable Manufacturer's Data Reports to be attached

Replaced disc assembly. CMTR's 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 Chet Omet Mark Eng Date 11-12-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/26/2017 to 11/27/2017 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.

ROBERT S. SETH Robert S. Seth Commissions 12603A1, IS, C, I, N, R - FL 445
Inspector's Signature National Board, State, Province and Endorsements

Date 11/27/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 12/13/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC561469
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Authorization No. N/A
Expiration Date N/A

4. Identification of System N11, Main Steam System, Q2N11V002A, Class 2

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1973 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Disc	Lukens Steel	5-341	N/A	FNP2-22	1975	Removed	Yes
Disc	Weir	Z1169-2	N/A	SNA10146947	2017	Installed	Yes

7. Description of Work Replaced disc Assembly.

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

FORM NIS-2 (Back)

9. Remarks 5NCS61469

Applicable Manufacturer's Data Reports to be attached

Replaced disc assembly. CMTR's 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 Clyde Clumet Mark Eng Date 12-13-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/26/2017 to 12/13/2017, 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.

ROBNEY SENI
Inspector's Signature

Commissions 12603 AI, IS, C, I, N, R - F-445
National Board, State, Province and Endorsements

Date 12/13/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/15/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC668891

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System E21, CVCS, Q2E21V0260, Class 2

5. (a) Applicable Construction Code ASME III 1968 Draft Edition, N/A Addenda, N/A Code Case

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

(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	Cosby	N57306-00-0005	N/A	SNA22553-0597	2016	Removed	Yes
Nut	Unk	Unk	N/A	Unk	Unk	Removed	No
Valve	Crosby	N57603-00-0004	N/A	SNA22653-0597	2016	Installed	Yes
Nut	Nova	Lot # 50231571 Ht# 5092414	N/A	QP101110	2010	Installed	No

7. Description of Work Replaced valve and associated hardware.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks 5NC668891

Applicable Manufacturer's Data Reports to be attached

Replaced valve and performed a VT-2.

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 Clyde Clumt Maint Eng Date 11-15-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/25/2017 to 11/27/2017, 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.

ROONEY SENN Rooney Senn Commissions 12603A, 15, C.I.N, R - FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 11/27/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/13/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC798621
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Authorization No. N/A
Expiration Date N/A

4. Identification of System N12, Aux Feedwater System, Q2N12HV3235B, Class 2

5. (a) Applicable Construction Code ASME Draft 1968 Edition, March 1970 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Disc	Velan	2014	N/A	FNP2-21	1968	Removed	No
Disc	Velan	5085	N/A	QP100507	2010	Installed	No

7. Description of Work Replaced disc.

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

FORM NIS-2 (Back)

9. Remarks SNC798621

Applicable Manufacturer's Data Reports to be attached

Replaced disc. CMTR's 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 Cheryl Christ Maia Eng Date 11-9-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 11/01/2017 to 11/29/2017, 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.

RODNEY SENN
Inspector's Signature

Commissions 12603 A, I, S, C, I, N, R - F445
National Board, State, Province and Endorsements

Date 11/29/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/9/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC814292

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System N11, Main Steam System, Q2N11V002B, Class 2

5. (a) Applicable Construction Code ASME III 1968 Draft Edition, March 1970 Addenda, N/A Code Case

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

(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)
Bearing Cover	Lukens Steel	6-341	N/A	FNP2-22	1975	Removed	Yes
Bearing Cover	Weir	U1122	N/A	SNA10133830	2016	Installed	Yes

7. Description of Work Replaced bearing cover.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks SNC814292

Applicable Manufacturer's Data Reports to be attached

Replaced bearing cover and performed a VT-2. CMTR's attached.

VT-2 was performed under WO # SNC904475

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 Clyde Christ Mart Eng Date 11-13-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 11/01/2017 to 11/27/2017 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.

RODNEY SELL
Inspector's Signature

Commissions 12603 A1, IS, C, I, N, R - FL445-
National Board, State, Province and Endorsements

Date 11/27/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 10/21/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC826901
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Expiration Date N/A

4. Identification of System E21, CVCS, Q2E21SNUBBSS12762B, Class 2

5. (a) Applicable Construction Code AISC Edition, 1969 Addenda, N/A Code Case

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

(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)
Snubber	Lisege	61299/41	N/A	QP960460	1996	Removed	No
Snubber	Lisege	31700189/002	N/A	SNA10167263	2017	Installed	No

7. Description of Work Replaced Snubber.

8. Test Conducted:

Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
Other ☒ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks SNC826901

Applicable Manufacturer's Data Reports to be attached

Replaced Liseqa snubber with new Liseqa snubber and perfomed a VT-3.

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 Chet Olson Maint Engineer Date 10-26-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 10/18/2017 to 11/01/2017, 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.

ROANEY SENN
Inspector's Signature

Commissions 12603A1, I.S.C.I., N.R. - FL 445
National Board, State, Province and Endorsements

Date 11/01/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, AL 35242
Address

Date: 10/26/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 85, Columbia, AL 36319
Address

WO# SNC826907

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 85, Columbia, AL 36319
Address

4. Identification of System Q24, Steam Generator Blowdown System, Q2G24SNUBBSS12876A, Class 2

5. (a) Applicable Construction Code AISC Edition, 1969 Addenda, N/A Code Case

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

(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)
Snubber	Lisega	61299/45	N/A	QP460460	1996	Removed	No
Snubber	Lisega	31400704/026	N/A	SNA10096175	2014	Installed	No

7. Description of Work Replaced Snubber.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks SNC826907

Applicable Manufacturer's Data Reports to be attached

Replaced Liseqa snubber with new Liseqa snubber and performed a VT-3.

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 Alvin Clement Maint Eng Date 10-22-17
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 Florida and employed by The Harford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/12/2017 to 10/31/2017, 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.

RODNEY SENN Inspector's Signature Commissions 12603 A1, 15, C, I, N, R - FL445
National Board, State, Province and Endorsements

Date 10/31/2017

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
Name

40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

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

7388 N. State Hwy 95, Columbia, Al. 36319
Address

3. Work Performed By
Day Zimmerman
Name

7388 N. State Hwy 95, Columbia, Al. 36319
Address

Date: 1/18/2018

Sheet 1 of 2

Unit FNP Unit 2

WO# SNC846847
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System N11, Main Steam System, Q2N11, Class 2

5. (a) Applicable Construction Code AISC 1969 Edition, N/A Addenda, N/A Code Case

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

(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)
Square tubing	Consolidated	A50449	N/A	SNA33232-0821	2017	Installed	No

7. Description of Work Welded a support to code pipe.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Welded a support to a class 2 pipe. Weld was magnetic particle tested. SAT. CMTR's for the square tubing are attached.
Applicable Manufacturer's Data Reports to be attached

SNC846847

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 Chetan Chinnest Mani Emy Date 1-17-18
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 09/07/2017 to 01/29/2018, 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.

Donny Seal Donny Seal Commissions 12603 A1, 13, C, I, N, R - F445
Inspector's Signature National Board, State, Province and Endorsements

Date 01/29/2018

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

FORM NIS-2 (Back)

9. Remarks Welded a support to a class 2 pipe. Weld was magnetic particle tested SAT. CMTR's for the square tubing are attached.
Applicable Manufacturer's Data Reports to be attached

5NC846848

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 Chyke Clavitt Maint Emg Date 1-12-2018
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 09/07/2017 to 01/29/2018, 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.

Rodney Seid Rodney Seid Commissions 12603A1.15, C.I.N.E - FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 01/29/2018

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/16/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC846849
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
Day Zimmerman
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System N11, Main Steam System, Q2N11, Class 2

5. (a) Applicable Construction Code AISC-1969 Edition, N/A Addenda, N/A Code Case

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

(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)
Square tubing	Consolidated	AS0449	N/A	SNA33232-0821	2017	Installed	No

7. Description of Work Welded a support to code pipe.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Welded a support to a class 2 pipe. Weld was magnetic particle tested SAT. CMTR's for the square tubing are attached.

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 _____ 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 Mythi Clement Mark Eng Date 11-16-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 09/07/2017 to 12/15/2017, 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.

RODNEY SENA
Inspector's Signature

Commissions 12603A1, 15, C, I, N, R - FL445
National Board, State, Province and Endorsements

Date 12/15/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 12/5/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC849900
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Authorization No. N/A
Expiration Date N/A

4. Identification of System P16, Service Water, Q2P16V071, Class 2

5. (a) Applicable Construction Code ASME III 1974 Edition, Summer 1975 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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	Enertech	10360	N/A	QP950247	1996	Removed	Yes
Valve	Curtis Wright	13192	N/A	SNA43821-0120	2017	Installed	Yes

7. Description of Work Replaced valve.

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

FORM NIS-2 (Back)

9. Remarks SNC849900

Applicable Manufacturer's Data Reports to be attached

Replaced valve and performed a VT-2. CMTR's 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 Clyde Chavira Maht Emy Date 12/5/17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 09/24/2017 to 12/15/2017, 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.

RODNEY SENN
Inspector's Signature

Commissions 12603 A1, 13, C, 1, N, 12 - FL445
National Board, State, Province and Endorsements

Date 12/15/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/8/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC849902
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Authorization No. N/A
Expiration Date N/A

4. Identification of System P16, Service Water, Q2P16V072, Class 2

5. (a) Applicable Construction Code ASME III 1974 Edition, Summer 1975 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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	Enertech	10361	N/A	QP950247	1996	Removed	Yes
Valve	Curtis Wright	13193	N/A	SNA43821-0120	2017	Installed	Yes
Weld Metal	Arcos	E140778	N/A	SNA10104426	2015	Installed	No
Weld Metal	Arcos	738772	N/A	QP100225	2010	Installed	No

7. Description of Work Replaced valve. Performed small base metal repair on pipe joint edge..

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

FORM NIS-2 (Back)

9. Remarks SNC849902

Applicable Manufacturer's Data Reports to be attached

Replaced valve and performed a VT-2. CMTR's 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 Clayton Clout Mark Eng Date 11-8-11
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 09/26/2017 to 01/29/2018, 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.

RODNEY SENA
Inspector's Signature

Commissions 12603 A, I, C, I, N, R - FL 45
National Board, State, Province and Endorsements

Date 01/29/2018

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
Name

40 Inverness Ctr Pkwy, Birmingham, AL 35242
Address

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

7388 N. State Hwy 95, Columbia, AL 36319
Address

3. Work Performed By
FNP Maintenance Department
Name

7388 N. State Hwy 95, Columbia, AL 36319
Address

Date: 11/8/2017

Sheet 1 of 2

Unit FNP Unit 2

WD# SNC849907
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System P16, Service Water, Q2P16V081, Class 2

5. (a) Applicable Construction Code ASME III 1974 Edition, Summer 1975 Addenda, N/A Code Case

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

(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	Enertech	10359	N/A	QP950247	1996	Removed	Yes
Valve	Curtis Wright	13195	N/A	SNA43821-0120	2017	Installed	Yes

7. Description of Work Replaced valve.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks SNC849907

Applicable Manufacturer's Data Reports to be attached

Replaced valve and performed a VT-2. CMTR's 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 Clayton Cloutier Maing Eng Date 11-8-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 09/26/2017 to 11/16/2017 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.

RODNEY SENNA Rodney Senna Commissions 12603A1, IS, C, I, N, R - FL 445
Inspector's Signature National Board, State, Province and Endorsements

Date 11/16/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/7/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC849932
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
Day Zimmerman
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System E21, CVCS, Q2E21V127A, Class 2

5. (a) Applicable Construction Code ASME III 1974 Edition, Summer 1975 Addenda, N/A Code Case

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

(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	Rockwell	AQ996	N/A	FNP2-1647	1980	Removed	Yes
Pipe	Unk	Unk	N/A	Unk	Unk	Removed	No
Valve	Flowserve	35BZW	N/A	SNA27950-329	2016	Installed	Yes
Pipe	NSSMC	59NDTWH	N/A	SNA46165-0100	2014	Installed	No
Pipe	Consolidated	505112	N/A	QP090495	2009	Installed	No

7. Description of Work Replaced valve and piping.

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

FORM NIS-2 (Back)

9. Remarks SNC849932

Applicable Manufacturer's Data Reports to be attached

Replaced valve and performed a VT-2. CMTR's 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 Chytr Clarrt Maint Eng Date 11-16-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 09/07/2017 to 12/11/2017 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.

RODNEY SENN Commissions 12603 A1, IS, C, I, N, R - FC445
Inspector's Signature National Board, State, Province and Endorsements

Date 12/11/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 12/13/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC849934

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
Day Zimmerman
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System E21, CVCS, Q2E21V127C, Class 2

5. (a) Applicable Construction Code ASME III 1974 Edition, Summer 1975 Addenda, N/A Code Case

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

(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	Rockwell	AQ997	N/A	FNP2-1647	Unk	Removed	No
Pipe	Unk	Unk	N/A	Unk	Unk	Removed	No
Elbow	Unk	Unk	N/A	Unk	Unk	Removed	No
Pipe Restraint	Unk	Unk	N/A	Unk	Unk	Removed	No
Valve	Flowserve	40BZW	N/A	SNA27950-0329	2016	Installed	No
Pipe	Consolidated	505112	N/A	QP090495	2009	Installed	No
Pipe	Consolidated	A00868	N/A	SNA33232-0517	2015	Installed	No
Elbow	Bonney Forge	7TA4	N/A	SNA33232-0170	2011	Installed	No
Pipe Restraint	Birmingham Steel	AB	N/A	QP2306	1988	Installed	No

7. Description of Work Replaced valve and piping.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks SNC849934

Applicable Manufacturer's Data Reports to be attached

Replaced valve and performed a VT-2 and a VT-3 on the pipe restraint. CMTR's 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 Christopher Clements Date 12-13-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 09/06/2017 to 12/15/2017, 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.

Donney Sand Commissions 12603 A, I, S, C, I, N. II - FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 12/15/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/28/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC849936
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

3. Work Performed By
Day Zimmerman
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System E21, CVCS, Q2E21V130A, Class 2
5. (a) Applicable Construction Code ASME III 1974 Edition, Summer 1975 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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	Kerotest	97BLQ	N/A	QP070792	2008	Removed	Yes
Pipe	Sandvick	442617	N/A	QP990861	1998	Removed	No
Elbow	Mis South Nuclear	J25	N/A	QP110078	2011	Removed	No
Valve	Flowserve	34BZW	N/A	SNA27950-0329	2016	Installed	Yes
Pipe	Consolidated	505112	N/A	QP090495	2009	Installed	No
Pipe	Consolidated	A00868	N/A	SNA33232-0517	2015	Installed	No
Elbow	Consolidated	7TA4	N/A	SNA33232-0170	2011	Installed	No

7. Description of Work Replaced valve and piping.

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

FORM NIS-2 (Back)

9. Remarks SNC849936

Applicable Manufacturer's Data Reports to be attached

Replaced valve and performed a VT-2. CMTR's 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 Christopher Clemente Date 11-28-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 09/06/2017 to 11/29/2017, 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.

Rodney Senti Commissions 12603 A, I, S, C, I, N, R - FL 445
Inspector's Signature National Board, State, Province and Endorsements

Date 11/29/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/28/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC849938
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

3. Work Performed By
Day Zimmerman
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System E21, CVCS, Q2E21V130C, Class 2

5. (a) Applicable Construction Code ASME III 1974 Edition, Summer 1975 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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	Kerotest	AR002	N/A	QP070792	2008	Removed	Yes
Pipe	Unk	Unk	N/A	Unk	Unk	Removed	No
Elbow	Unk	Unk	N/A	Unk	Unk	Removed	No
Valve	Flowserve	21BZY	N/A	SNA27950-0329	2016	Installed	Yes
Pipe	Consolidated	A00868	N/A	SNA33232-0517	2015	Installed	No
Pipe	Consolidated	505112	N/A	QP090495	2009	Installed	No
Elbow	Bonney Forge	7TA4	N/A	SNA332-0170	2014	Installed	No

7. Description of Work Replaced valve and associated piping.

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

FORM NIS-2 (Back)

9. Remarks SNC849938

Applicable Manufacturer's Data Reports to be attached

Replaced valve and performed a VT-2. CMTR's attached.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 11-28-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 09/07/2017 to 11/28/2017, 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 12603 A1, IS, C, I, N, B - FL445
National Board, State, Province and Endorsements

Date 11/28/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 1/26/2018

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC851013

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
Day Zimmerman
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System N11, Main Steam System, Q2N11, Class 2

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

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

(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)
Sockolet (2)	Unk	Unk	N/A	Unk	Unk	Removed	No
Sockolet	Mid South Nuclear	1738ANR	N/A	QP010533	2001	Installed	No
Sockolet	Dubose	8998776	N/A	SNA31710-0507	2009	Installed	No
Square tubing to 32" EBB line	Consolidated	A50449	N/A	SNA33232-0821	2017	Installed	No
Square tubing to 3" EBB line	Consolidated	A50449	N/A	SNA33232-0821	2017	Installed	No

7. Description of Work Welded supports to code piping and replaced 2 sockolets on a 36" main steam line.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks SNC851013

Applicable Manufacturer's Data Reports to be attached

Welded supports to class 2 piping. Welds were magnetic particle tested SAT. CMTR's for the square tubing are attached.

Also replaced socklets attached to main steam line. PT or MT inspection performed on welds, CMTR's 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 Chas. Clements Mast Eng Date 1-31-18
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 09/07/2017 to 01/29/2018, 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.

RODERICK S. RAY
Inspector's Signature

Commissions 12603A, 13, C, I, N, 2 - FL445
National Board, State, Province and Endorsements

Date 01/31/2018

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
Name
40 Inverness Ctr Pkwy, Birmingham, AL 35242
Address

Date: 7/14/2017

Sheet 1 of 2

Unit FNP Unit 2

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

WO# SNC69668

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

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

4. Identification of System P16, Q2P16P001A, Service Water System, 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 Edition, 2003 Addenda

(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	Johnston Pump Co	NE4536	N/A	FNP2-81	1975	Removed	Yes
Pump	Sulzer	08C02142	N/A	SNA10086615	2015	Installed	Yes
Discharge Head	Sulzer	5235N-3	459	QP060449	2007	Installed	Yes

7. Description of Work Removed old pump. Installed new Sulzer pump. Removed discharge head from new pump and installed new head. Heads are unit specific, new pump was set up for unit 1. Installed unit 2 specific head.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Installed new pump and head per 2051571401DCP. Performed VT-2.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Ronald W. Williams MSM Date 8-10-17
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 MA Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 8/10/17 to 8/11/17 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] Steven Fitzwater
Inspector's Signature

Commissions NB15193 T, N, R
National Board, State, Province and Endorsements

Date 8/11/17

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 8/4/2016
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC78931
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Expiration Date N/A

4. Identification of System P16, Service Water Sys, Q2P16V0011D, Class 3

5. (a) Applicable Construction Code 1974 Edition, Summer 1975 Addenda, N/A Code Case

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

(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	Anderson Greenwood Crosby	N99904-00-0008	N/A	QP090757	Unk	Removed	Yes
1-1/2 x 2" Relief Valve	Anderson Greenwood Crosby	N99904-00-0012	N/A	QP100626		Installed	Yes

7. Description of Work Replaced relief valve.

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

9. Remarks *SNC78931*

Replaced with a new valve. NV-1 and associated data reports are attached.

A VT-2 was performed.

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

N/A

N/A

Expiration Date

N/A

Signed

Owner or Owner's Designee, Title

MSM

Date _____

8/4/10

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 08/16/2016

to 08/18/2016, 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.

RODNEY SENA 
Inspector's Signature

Commissions

12603A inc, FL45

National Board, State, Province and Endorsements

Date 09/28/2016

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 9/18/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC80302
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Authorization No. N/A
Expiration Date N/A

4. Identification of System P16, Service Water, Q2P16V0006A, Class 3

5. (a) Applicable Construction Code 1971 Edition, Winter 1971 Addenda, 1555 Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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	Crosby	N99904-00-0002	N/A	QP050509	2006	Removed	Yes
Relief Valve	Crosby	N99901-00-0032	N/A	SNA1013368B	2016	Installed	Yes

7. Description of Work Replaced valve.

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

FORM NIS-2 (Back)

9. Remarks Replaced old valve and performed a VT-2. Data reports attached.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

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

Signed Ronald W. Williams PR/RTT USM Date 9-28-17
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 The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 8/15/17 to 9/28/17, 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.

SEB
Inspector's Signature

Commissions NR 15193 I, N, R GA 1249
National Board, State, Province and Endorsements

Date 9/28/17

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 8/17/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC329917
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System P16, Service Water, Q2P16V005C, Class 3

5. (a) Applicable Construction Code 1971 Edition, Winter 1971 Addenda, N/A Code Case

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

(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	BNL Industries	Unk	N/A	FNP-295	Unk	Removed	No
Valve	BNL Industries	A070809-1-44	N/A	QP070775	2008	Installed	No

7. Description of Work Replaced valve

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Replaced valve and performed VT-2. NPV-1 for new valve attached.

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 Ronald Williams MSM Date 8-21-17
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 N/A and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 8/10/17 to 8/24/17, 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 NB15193 I, N, R
Inspector's Signature National Board, State, Province and Endorsements
Date 8/24/17

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 8/03/2016

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC389968
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System P16, Q2P16V0011C, Service Water System, Class 3

5. (a) Applicable Construction Code 1974 Edition, Summer 1975 Addenda, N/A Code Case

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

(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	Anderson Greenwood Crosby	N99904-00-0017	N/A	Unk	Unk	Removed	Yes
1-1/2" x 2" Relief Valve	Anderson Greenwood Crosby	N99904-00-0027	N/A	SNA10094549	2015	Installed	Yes

7. Description of Work Replaced relief valve.

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

FORM NIS-2 (Back)

9. Remarks WO# SNC389968

Applicable Manufacturer's Data Reports to be attached

NV-1 Data Report for replacement valve attached. A VT-2 Examination was performed.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Ronald W. Williams MSM Date 8/4/16
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 08/16/2016 to 08/18/2016, 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.

RODNEY SENE [Signature]
Inspector's Signature

Commissions 12603A1XC, FL445
National Board, State, Province and Endorsements

Date 09/28/2016

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 8/17/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC482144
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Authorization No. N/A
Expiration Date N/A

4. Identification of System P17, CCW System, Q2P17V0006B, Class 3

5. (a) Applicable Construction Code 1971 Edition, Winter 1971 Addenda, 1555& 1574 Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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	Lanergan	210289-16-5	N/A	FNP2-51	1977	Removed	Yes
5/8" Studs	Unk	Unk	N/A	Unk	Unk	Removed	No
1/2" Studs	Unk	Unk	N/A	Unk	Unk	Removed	No
Valve	Crosby	N99846-00-0021	N/A	SNA10134015	2016	Installed	Yes
5/8" Studs	Nova Machine	4L05	N/A	QP100585	2010	Installed	No
1/2" Studs	Tioga Pipe & Supply	8F34	N/A	SNA1050134	2013	Installed	No

7. Description of Work Replaced valve and studs.

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

FORM NIS-2 (Back)

9. Remarks Replaced valve and studs, performed VT-2. CMTR's attached.

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 Ronald W. Williams Date 8-22-17
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 N/A and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 7/31/17 to 8/24/17, 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.

STB Commissions NR15193 I, N, R
Inspector's Signature National Board, State, Province and Endorsements
Date 8/24/17

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 9/7/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC766508
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System P16, Service Water System, Q2P16V631, Class 3

5. (a) Applicable Construction Code 1971 Edition, Winter 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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	Keratest	Unk	N/A	FNP2-55	1975	Removed	No
Pipe	Michigan Seamless	1M35684	N/A	QP040263	2003	Removed	No
Support	APCO	SS-10879	N/A	N/A	1976	Removed	No
Valve	Floowserve	23A2V	N/A	QP40307	2004	Installed	No
Pipe	Michigan Seamless	002M55706	N/A	SNA31372-0225	2014	Installed	No
U-Bolt	Anvil	09009710	N/A	SNA31372-0225	2009	Installed	No
Pipe Restraint	Colonial Machine	54137196	N/A	SNA31372-0219	2014	Installed	No

7. Description of Work Replaced valve and associated hardware.

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

FORM NIS-2 (Back)

9. Remarks Valve was replaced and a VT-2 was performed, V-3 performed on support. CMTR's have been reviewed and are acceptable.
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 Ronald Williams MSM Date 9-28-17
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 The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 8/31/17 to 9/28/17 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 NB15193 I.N.R GA1249
Inspector's Signature National Board, State, Province and Endorsements

Date 9/28/17

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 9/22/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC794463
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Authorization No. N/A
Expiration Date N/A

4. Identification of System P16, Service Water System, Q2P16V0553, Class 3

5. (a) Applicable Construction Code 1698 Edition, Winter 1970 Addenda, _____ Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Case(s) N/A

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Disc	Cann & Saul Steel	HT# 211419 SN 14	N/A	FNP2-18	1973	Removed	Yes
Disc	Flowserve	W0160-1	N/A	SNA27950-0151	2014	Installed	Yes

7. Description of Work Replaced Valve Disc.

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

FORM NIS-2 (Back)

9. Remarks Replaced disc, N-2 form attached. VT-2 is exempt, see IWA-4540 (b) 10.

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 _____ 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 Ronald W. Williams MSM Date 9-28-17
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 Florida ^{9/29/17} and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut ^{Georgia} have inspected the components described in this Owner's Report during the period 9/28/17 to 9/29/17, 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.

Steven Fitzwater
Inspector's Signature

Commissions NB 15193 I.M.R. GA 1249
National Board, State, Province and Endorsements

Date 9/29/17

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
Name

40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

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

7388 N. State Hwy 95, Columbia, Al. 36319
Address

3. Work Performed By
Day Zimmerman
Name

7388 N. State Hwy 95, Columbia, Al. 36319
Address

Date: 11/3/2017

Sheet 1 of 2

Unit FNP Unit 2

WO# SNC795917

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System P16, Q2P16, Service Water System, Class 3

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

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

(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	Unk	Unk	N/A	Unk	Unk	Removed	No
Pipe	Consolidated	C65182	N/A	SNA33232-0322	2014	Installed	No

7. Description of Work Replaced pipe due to pinhole leak.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks ^{LCC} ¹¹⁻²⁹⁻¹⁷ ~~SNC759917~~ SNC 795912

Applicable Manufacturer's Data Reports to be attached

Replaced Pipe and performed a VT-2. CMTR's 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 Chapin O'Connor Maint Eng Date 11-7-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 09/27/2017 to 11/29/2017, 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.

RODNEY SENN Rodney Senn Commissions 12603A1, IS, C, I, N, R-FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 11/29/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/5/2017

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC849631

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System N12, Aux Feedwater System, Q2N12HV3226, Class 3

5. (a) Applicable Construction Code ASME III 1986 Edition, N/A Addenda, N/A Code Case

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

(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 Plug	Anderson Crosby	N99579-36-0006	N/A	QP060660	2006	Removed	Yes
Valve Plug	Anderson Crosby	N99576-46-0016	N/A	SNA10141593	2016	Installed	Yes

7. Description of Work Valve plug replaced.

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

FORM NIS-2 (Back)

9. Remarks SNC849631

Applicable Manufacturer's Data Reports to be attached

Valve plug replaced. CMTR's attached. VT-2 exempt.

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 Cheryl Chen A Maint Eng Date 11-8-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 11/09/2017 to 11/29/2017, 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.

DOONEY SENNA Rodney Senna
Inspector's Signature

Commissions 12603A1, IS, C, I, N, R - FL445
National Board, State, Province and Endorsements

Date 11/29/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 12/12/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC893477
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System P16, Service Water System, Q2P16V586, Class 3

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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	Unk	Unk	N/A	Unk	Unk	Removed	No
Elbow	Unk	Unk	N/A	Unk	Unk	Removed	No
Tee	Unk	Unk	N/A	Unk	Unk	Removed	No
Restraint	Unk	Unk	N/A	Unk	Unk	Removed	No
U-Bolt	Unk	Unk	N/A	Unk	Unk	Removed	No
Pipe	Michigan seamless	002M55706	N/A	SNA31372-0225	2014	Installed	No
Elbow	Bonney forge	77706	N/A	SNA31710-0398	2016	Installed	No
Tee	Consolidated	77464	N/A	QP090897	2009	Installed	No
Restraint	Consolidated	DL14101672	N/A	SNA33232-0481	2015	Installed	No
U-Bolt	Anvil	033388	N/A	QP090576	2009	Installed	No

7. Description of Work Replaced piping.

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

FORM NIS-2 (Back)

9. Remarks SNC893477

Applicable Manufacturer's Data Reports to be attached

Replaced piping and performed a VT-2. CMTR's 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 Light Clonick Mark Fung Date 11-13-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut

have inspected the components described in this Owner's Report during the period 11/06/2017 to 12/14/2017, 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.

RONLEY SENA Ronley Sena Commissions 12603A1, IS, C, I, N, R - FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 12/14/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/16/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC904008
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System P16, Service Water System, Q2P16V575, Class 3

5. (a) Applicable Construction Code ASME III 1986 Edition, 1987 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(c) Applicable Section XI Code Case(s) N-786-1

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 Sleeve	Dubose	3503346	N/A	SNA31710-0509	2017	Installed	No

7. Description of Work Installed pipe sleeve to repair a pinhole leak in class 3 service water piping.

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

FORM NIS-2 (Back)

9. Remarks SNC904008

Applicable Manufacturer's Data Reports to be attached

Installed pipe sleeve. Performed VT-2 and NDE on welds. CMTR's attached.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and that this repair 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 Clyth Clement Maint Eng Date 11-16-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 11/02/2017 to 12/11/2017, 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.

RODNEY SENN
Inspector's Signature

Commissions 12603 AI, IS, C, I, N, B - FL445
National Board, State, Province and Endorsements

Date 12/11/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 12/5/2017
Sheet 1 of 2
Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC904016
Repair/Replacement Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

3. Work Performed By
Day Zimmerman
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

Authorization No. N/A
Expiration Date N/A

4. Identification of System P16, Q2P16, Service Water System, Class 3

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition, 2003 Addenda
(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	Unk	Unk	N/A	Unk	Unk	Removed	No
Elbow (2)	Unk	Unk	N/A	Unk	Unk	Removed	No
Flange (4)	Unk	Unk	N/A	Unk	Unk	Removed	No
Pipe	Consolidated	X02820	N/A	SNA46165-0405	2017	Installed	No
Elbow (2)	Energy & Process Corp	GM0116	N/A	SNA10168249	2017	Installed	No
Flange (4)	Western Forge & Flange Co.	270X057	N/A	SNA46165-0405	2016	Installed	No

7. Description of Work Replaced pipe due to pinhole leak.

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

FORM NIS-2 (Back)

9. Remarks SNC904016

Applicable Manufacturer's Data Reports to be attached

Replaced Pipe and performed a VT-2. CMTR's 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 Alfred O'Connell Mark Emy Date 12/5/12
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 10/30/2017 to 12/14/2017, 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.

RODNEY SEHN
Inspector's Signature

Commissions 12603 A1, 13, C, I, N, R - FL445
National Board, State, Province and Endorsements

Date 12/14/2017

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
Name
40 Inverness Ctr Pkwy, Birmingham, Al. 35242
Address

Date: 11/7/2016

Sheet 1 of 2

Unit FNP Unit 2

2. Plant Joseph M. Farley Nuclear Plant (FNP)
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

WO# SNC904689

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

3. Work Performed By
FNP Maintenance Department
Name
7388 N. State Hwy 95, Columbia, Al. 36319
Address

4. Identification of System P16, Service Water, Q2P16, Class 3

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

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

(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)
Stud 7-1/4"	Unk	Unk	N/A	Unk	Unk	Removed	No
Stud 5"	Unk	Unk	N/A	Unk	Unk	Removed	No
Nut	Unk	Unk	N/A	Unk	Unk	Removed	No
Stud 7-1/4"	Curtis Wright	M47207	N/A	SNA10065429	2013	Installed	No
Stud 5"	Mackson	DLK	N/A	SNA10167021	2017	Installed	No
Stud 5"	Nova	4U82	N/A	QP100879	2010	Installed	No
Nut	MetalTek	DEV	N/A	SNA10145657	2016	Installed	No

7. Description of Work Replaced studs and nuts on class 3 line.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks SNC904689

Applicable Manufacturer's Data Reports to be attached

Replaced studs and nuts. VT-2 was performed. CMTR's 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 Clayton Rumb Matt Foy Date 11-7-17
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 Florida and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 11/02/2017 to 11/09/2017, 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.

Ronley Smith Commissions 12603 A, I, S, C, I, N, R - FL495
Inspector's Signature National Board, State, Province and Endorsements

Date 11/09/2017