

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:

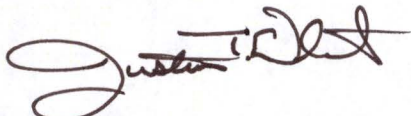
Southern Nuclear Operating Company (SNC) submits the Joseph M. Farley Nuclear Plant (FNP) – Unit 2, Interval 4, Period 3, Outage 2 Inservice Inspection Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during the Fall 2017 maintenance/refueling outage.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

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### **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.



Date Feb 5 2018 Signed Southern Nuclear Operating Co. By [Signature]  
(Owner) Rick McAdams

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<br>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,<br>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,<br>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 25<sup>th</sup> 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 25<sup>th</sup> 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 35<sup>th</sup> 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 2<sup>nd</sup> Outage, 3<sup>rd</sup> Period of the 4<sup>th</sup> 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% <sup>(1)</sup>  | 3              | 0           | 0        | 0     | 0%     | 0        | 0     | 0%     | 0        | 0     | 0%     |                   |
| B-A                                                                                                                                                          | B1.21    | 4          | 0% <sup>(1)</sup>  | 4              | 0           | 0        | 0     | 0%     | 0        | 0     | 0%     | 0        | 0     | 0%     |                   |
| B-A                                                                                                                                                          | B1.21    | 1          | 0% <sup>(1)</sup>  | 1              | 0           | 0        | 0     | 0%     | 0        | 0     | 0%     | 0        | 0     | 0%     |                   |
| B-A                                                                                                                                                          | B1.30    | 1          | 0% <sup>(1)</sup>  | 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% <sup>(1)</sup> |
| Note (1): FNP-ISI-ALT-09 deferred B-A exams to 5 <sup>th</sup> 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% <sup>(2)</sup>  | 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 <sup>th</sup> interval.                                                                                     |          |            |                    |                |             |          |       |        |          |       |        |          |       |        |                   |
| B-F                                                                                                                                                          | B5.70    | 6          | 34% <sup>(3)</sup> | 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% <sup>(4)</sup>  | 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% <sup>(5)</sup> | 0              | 1           | 0        | 0     | 0%                 | 0        | 1     | 100%   | 0        | 0     | 100%   |                     |
| B-G-2                                                                                                                                                        | B7.30     | 6          | 0% <sup>(5)</sup> | 0              | 6           | 0        | 0     | 0%                 | 0        | 6     | 100%   | 0        | 0     | 100%   |                     |
| B-G-2                                                                                                                                                        | B7.50     | 6          | 0% <sup>(5)</sup> | 0              | 1           | 0        | 0     | 0%                 | 0        | 1     | 100%   | 0        | 0     | 100%   |                     |
| B-G-2                                                                                                                                                        | B7.60     | 3          | 0% <sup>(5)</sup> | 0              | 1           | 0        | 1     | 100%               | 0        | 0     | 100%   | 0        | 0     | 100%   |                     |
| B-G-2                                                                                                                                                        | B7.70     | 24         | 0% <sup>(5)</sup> | 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% <sup>(5)</sup> |
| 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% <sup>(6)</sup> | 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% <sup>(5)</sup> | 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% <sup>(7)</sup>   |
| Note (7): Only required to be examined if disassembled, none were disassembled during the 4 <sup>th</sup> interval.                                          |           |            |                   |                |             |          |       |                    |          |       |        |          |       |        |                     |
| B-M-2                                                                                                                                                        | B12.50(1) | 4          | 0% <sup>(8)</sup> | 0              | 0           | 0        | 0     | 0%                 | 0        | 0     | 0%     | 0        | 0     | 0%     |                     |
| B-M-2                                                                                                                                                        | B12.50(2) | 6          | 0% <sup>(8)</sup> | 0              | 0           | 0        | 0     | 0%                 | 0        | 0     | 0%     | 0        | 0     | 0%     |                     |
| B-M-2                                                                                                                                                        | B12.50(3) | 5          | 0% <sup>(8)</sup> | 0              | 0           | 0        | 0     | 0%                 | 0        | 0     | 0%     | 0        | 0     | 0%     |                     |
| B-M-2                                                                                                                                                        | B12.50(4) | 3          | 0% <sup>(8)</sup> | 1              | 1           | 0        | 0     | 0%                 | 0        | 0     | 0%     | 0        | 1     | 100%   |                     |
| B-M-2                                                                                                                                                        | B12.50(5) | 6          | 0% <sup>(8)</sup> | 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 <sup>(9)</sup> | 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% <sup>(10)</sup> | N/A      | N/A   | N/A    | N/A      | N/A   | N/A    | 100 <sup>(10)</sup> % |
| 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% <sup>(11)</sup> | N/A      | N/A   | N/A    | N/A      | N/A   | N/A    | 100% <sup>(11)</sup> |
| 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% <sup>(12)</sup> | 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% <sup>(13)</sup> | 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% <sup>(14)</sup> | 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 <sup>(15)</sup> | 0%     | 0        | 6 <sup>(15)</sup> | 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 <sup>st</sup> and 2 <sup>nd</sup> 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% <sup>(16)</sup>  | 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 <sup>th</sup> 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 <sup>(18)</sup> | 3          | 100%             | 21             | 21          | 0        | 6     | 28.6%  | 0        | 9     | 71.5%  | 0        | 6     | 100%   |         |
| N-770-2                                                                                                                                                                                                                                                                   | B <sup>(17)</sup>   | 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.<br/> Note (18)- UT examinations were performed in 2R19, 2R20, 2R23 in the 1<sup>st</sup> and 2<sup>nd</sup> 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**

| <b>ASME<br/>Section XI</b> | <b>Examination/Area</b>                                   | <b>Examination<br/>Procedure(s)</b> | <b>Cal<br/>Block(s)</b> | <b>Exam/Cal Sheet<br/>No(s).</b> | <b>Results</b> | <b>Remarks</b>                                                                                            |
|----------------------------|-----------------------------------------------------------|-------------------------------------|-------------------------|----------------------------------|----------------|-----------------------------------------------------------------------------------------------------------|
| B-G-2<br>B7.70             | <b>APR1-4502-QV031B</b><br>CROSBY VLV BODY 6" RLF VLV PZR | NMP-ES-024-201                      | -                       | S18F2V001                        | NRI            | Valve removed in 2R25, exam performed after 2R25 for 4 <sup>th</sup> interval credit.                     |
| B-M-2<br>B12.50            | <b>APR1-4502-QV031B</b><br>CROSBY VLV BODY 6" RLF VLV PZR | NMP-ES-024-203                      | -                       | S18F2V002                        | Accept         | Valve removed in 2R25, exam performed after 2R25 for 4 <sup>th</sup> interval credit.                     |
| B-N-1<br>B13.10            | <b>APR1-1200-VS INT</b><br>VESSEL INTERIOR                | NMP-ES-024-203                      | -                       | S17F2V055                        | Accept         | NA                                                                                                        |
| B-B<br>B2.12               | <b>APR1-2100-1</b><br>PRZ LOWER SHELL LONG SEAM           | NMP-ES-024-516                      | APR-7                   | S17F2U018                        | NRI            | NA                                                                                                        |
| R-A<br>R1.11               | <b>APR1-4106-11-RB</b><br>PIPE TO BRANCH CONNECTION       | NMP-ES-024-501                      | ALA-8                   | S17F2U036                        | NRI            | 50% Code coverage. Relief Request required.                                                               |
| R-A<br>R1.11               | <b>APR1-4205-43-RB</b><br>PIPE TO ELBOW                   | NMP-ES-024-501                      | ALA-7                   | S17F2U008                        | NRI            | NA                                                                                                        |
| R-A<br>R1.11H              | <b>APR1-4205-44-RB</b><br>PIPE TO ELBOW                   | NMP-ES-024-501                      | ALA-7                   | S17F2U009                        | NRI            | NA                                                                                                        |
| R-A<br>R1.11H              | <b>APR1-4205-45-RB</b><br>ELBOW TO PIPE                   | NMP-ES-024-501                      | ALA-7                   | S17F2U010                        | NRI            | NA                                                                                                        |
| R-A<br>R1.11H              | <b>APR1-4301-10-RB</b><br>PIPE TO ELBOW                   | NMP-ES-024-501                      | ALA-3                   | S17F2U011                        | NRI            | NA                                                                                                        |
| R-A<br>R1.11H              | <b>APR1-4301-11-RB</b><br>ELBOW TO PIPE                   | NMP-ES-024-501                      | ALA-3                   | S17F2U012                        | NRI            | NA                                                                                                        |
| R-A<br>R1.20               | <b>APR1-4302-3-RB</b><br>ELBOW TO PIPE                    | NMP-ES-024-501                      | ALA-3                   | S17F2U014                        | NRI            | NA                                                                                                        |
| R-A<br>R1.20               | <b>APR1-4302-4-RB</b><br>PIPE TO PIPE                     | NMP-ES-024-501                      | ALA-3                   | S17F2U030                        | NRI            | NA                                                                                                        |
| R-A<br>R1.20               | <b>APR1-4302-5-RB</b><br>PIPE TO PIPE                     | NMP-ES-024-501                      | ALA-3                   | S17F2U015                        | NRI            | NA                                                                                                        |
| R-A<br>R1.20               | <b>APR1-4302-11-RB</b><br>ELBOW TO PIPE                   | NMP-ES-024-501                      | ALA-67                  | S17F2U039                        | NRI            | 75% Code coverage. Relief Request required.                                                               |
| R-A<br>R1.20               | <b>APR1-4302-12-RB</b><br>PIPE TO ELBOW                   | NMP-ES-024-501                      | ALA-67                  | S17F2U038                        | NRI            | 87.5% Code coverage. Relief Request required.                                                             |
| R-A<br>R1.20               | <b>APR1-4302-13-RB</b><br>ELBOW TO PIPE                   | NMP-ES-024-501                      | ALA-67                  | S17F2U037                        | NRI            | NA                                                                                                        |
| R-A<br>R1.11               | <b>APR1-4307-21BC-RB</b><br>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<br>Supports |                                                           |                             |                 |                          |         |         |
|---------------------------|-----------------------------------------------------------|-----------------------------|-----------------|--------------------------|---------|---------|
| ASME<br>Section XI        | Examination/Area                                          | Examination<br>Procedure(s) | Cal<br>Block(s) | Exam/Cal<br>Sheet No(s). | Results | Remarks |
| C-A<br>C1.30              | APR2-3100-2R<br>LOWER SHELL BARREL A / UPPER<br>TUBESHEET | NMP-ES-024-516              | ALA-56          | S17F2U019                | NRI     | NA      |
| C-B<br>C2.22              | APR2-3200-IR8R<br>STM GN B FW NOZ INNER RADIUS            | NMP-ES-024-513              | ALA-60          | S17F2U028                | NRI     | NA      |
| C-C<br>C3.20              | APR2-4101-2MS-R511 (W3)<br>WELDED ATTACHMENT              | NMP-ES-024-401              | -               | S17F2M001                | NRI     | NA      |
| R-A<br>R1.20              | APR2-4150-3<br>PIPE TO PIPE                               | NMP-ES-024-502              | ALA-65          | S17F2U029                | NRI     | NA      |
| R-A<br>R1.20              | APR2-4150-15-RB<br>PIPE TO ELBOW                          | NMP-ES-024-502              | ALA-65          | S17F2U025                | NRI     | NA      |
| R-A<br>R1.20              | APR2-4150-16-RB<br>ELBOW TO PIPE                          | NMP-ES-024-502              | ALA-65          | S17F2U026                | NRI     | NA      |
| R-A<br>R1.20              | APR2-4350-18R-RB<br>PIPE TO PIPE                          | NMP-ES-024-502              | ALA-65          | S17F2U033                | NRI     | NA      |
| R-A<br>R1.20              | APR2-4350-21R-RB<br>ELBOW TO REDUCER                      | NMP-ES-024-502              | ALA-65          | S17F2U034                | NRI     | NA      |
| R-A<br>R1.20              | APR2-4350-22R-RB<br>REDUCER TO NOZZLE                     | NMP-ES-024-502              | ALA-65          | S17F2U035                | NRI     | NA      |
| C-C<br>C3.30              | APR2-5100-CS-2R (W1)<br>WELDED ATTACHMENT                 | NMP-ES-024-301              | -               | S17F2P001                | NRI     | NA      |
| C-C<br>C3.30              | APR2-5100-CS-3R (W1)<br>WELDED ATTACHMENT                 | NMP-ES-024-301              | -               | S17F2P002                | NRI     | NA      |

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



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

|                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|
| <b>SNC653085</b> | <b>SNC826902</b> | <b>SNC826906</b> | <b>SNC826917</b> |
| <b>SNC826879</b> | <b>SNC826903</b> | <b>SNC826909</b> | <b>SNC826918</b> |

### Class 2

|                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|
| <b>SNC78932</b>  | <b>SNC561469</b> | <b>SNC846847</b> | <b>SNC849932</b> |
| <b>SNC82030</b>  | <b>SNC668891</b> | <b>SNC846848</b> | <b>SNC849934</b> |
| <b>SNC82194</b>  | <b>SNC798621</b> | <b>SNC846849</b> | <b>SNC849936</b> |
| <b>SNC83610</b>  | <b>SNC814292</b> | <b>SNC849900</b> | <b>SNC849938</b> |
| <b>SNC557650</b> | <b>SNC826901</b> | <b>SNC849902</b> | <b>SNC851013</b> |
| <b>SNC561463</b> | <b>SNC826907</b> | <b>SNC849907</b> |                  |

### Class 3

|                   |                    |                  |                  |
|-------------------|--------------------|------------------|------------------|
| <b>SNC69668</b>   | <b>SNC389968 *</b> | <b>SNC795917</b> | <b>SNC904016</b> |
| <b>SNC78931 *</b> | <b>SNC482144</b>   | <b>SNC849631</b> | <b>SNC904689</b> |
| <b>SNC80302</b>   | <b>SNC766508</b>   | <b>SNC893477</b> |                  |
| <b>SNC329917</b>  | <b>SNC794463</b>   | <b>SNC904008</b> |                  |

\*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

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 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. [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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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.I., 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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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/ACertificate of Authorization No. N/A Expiration Date N/ASigned Chetan Chavara 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  
Inspector's Signature

Commissions 12603 AI, IS, C, I, N, R - 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: 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                            |
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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 Maht 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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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           | Lisega               | 61319/86                | N/A                | Unk                  | 1996       | Removed                          | No                            |
| Snubber           | Lisega               | 31600282-005            | N/A                | SNA10155901          | 2017       | Installed                        | No                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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 Clonick 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.

Redney Sam 10/31/2017 Commissions 12603 A1,13,C1,N1,R - FL445  
Inspector's Signature National Board, State, Province and Endorsements  
Redney Sam  
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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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 Mary 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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |

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                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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 Senn  
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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |

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                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |

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

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, 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                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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.

RODNEY SENH Inspector's Signature Commissions 12603A1, IS, C, I, N, R - FL 445  
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                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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.

RODNEY 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<br>Ht# 5092414 | N/A                | QP101110             | 2010       | Installed                        | No                            |
|                   |                      |                               |                    |                      |            |                                  |                               |
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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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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 Charles Christ Mark 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 Rodney Senn Commissions 12603 A, I, S, 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: 11/9/2017

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                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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  
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, 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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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/ACertificate 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.

RONLEY SERRA  
Inspector's Signature

Commissions 12603A1, I.S.C.I, N.R - 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: 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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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, 1S, 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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |

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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |

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                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |

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

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

WO# SNC849902  
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, 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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |

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                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |

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 Maht 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 SENA Rodney Sena 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. IL - 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.

RODNEY SENN  
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                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |

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] Richard 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

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: 8/4/2016

Sheet 1 of 2

Unit FNP Unit 2

WO# SNC78931

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 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                           |
|                         |                           |                         |                    |                      |            |                                  |                               |
|                         |                           |                         |                    |                      |            |                                  |                               |
|                         |                           |                         |                    |                      |            |                                  |                               |
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|                         |                           |                         |                    |                      |            |                                  |                               |
|                         |                           |                         |                    |                      |            |                                  |                               |

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 SNC78931

Applicable Manufacturer's Data Reports to be attached

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

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 Robert W. Henry 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 SENI  
Inspector's Signature

Commissions 12603 A111C, 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: 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                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |

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/A

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

Signed Ronald W. Williams, P.E. N/A 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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |

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.

3. Work Performed By  
FNP Maintenance Department  
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 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                           |
|                          |                           |                         |                    |                      |            |                                  |                               |
|                          |                           |                         |                    |                      |            |                                  |                               |
|                          |                           |                         |                    |                      |            |                                  |                               |
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|                          |                           |                         |                    |                      |            |                                  |                               |

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  
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, 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<br>SN 14     | N/A                | FNP2-18              | 1973       | Removed                          | Yes                           |
| Disc              | Flowserve            | W0160-1                 | N/A                | SNA27950-0151        | 2014       | Installed                        | Yes                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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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 <sup>9/29/17</sup> and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut <sup>Georgia</sup> 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                            |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |

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 <sup>LCC</sup> <sup>11-29-17</sup> ~~SNC 795912~~ 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'Connell 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

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 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                           |
|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |
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|                   |                      |                         |                    |                      |            |                                  |                               |
|                   |                      |                         |                    |                      |            |                                  |                               |

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 Clayton Clum 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 Clyde Romb Mait 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 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  
Inspector's Signature

Commissions 12603 A, I, S, C, I, N, R - FL495  
National Board, State, Province and Endorsements

Date 11/09/2017