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August 4, 2015

Docket Nos.:50-348

NL-15-1483

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

Joseph M. Farley Nuclear Plant – Unit 1
Refueling Outage 1R26 Inservice Inspection Report

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) submits the Joseph M. Farley Nuclear Plant (FNP) – Unit 1, Interval 4, Period 3, Outage 1 Inservice Inspection Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during the spring 2015 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,

A handwritten signature in black ink that reads "C. R. Pierce". The signature is written in a cursive, flowing style.

C.R. Pierce
Regulatory Affairs Director

CRP/JMC/lac

Enclosure: Joseph M. Farley Nuclear Plant – Unit 1, Inservice Inspection Report,
Refueling Outage 1R26, Owner's Report.

A047
NRR

cc: Southern Nuclear Operating Company
Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Ms. C. A. Gayheart, Vice President – Farley
Mr. M. D. Meier, Vice President – Regulatory Affairs
Mr. D. R. Madison, Vice President – Fleet Operations
Mr. B. J. Adams, Vice President – Engineering
Ms. B. L. Taylor, Regulatory Affairs Manager – Farley
RTYPE: CFA04.054

U. S. Nuclear Regulatory Commission
Mr. V. M. McCree, Regional Administrator
Mr. S. A. Williams, NRR Project Manager – Farley
Mr. P. K. Niebaum, Senior Resident Inspector – Farley

**Joseph M. Farley Nuclear Plant – Unit 1
Refueling Outage 1R26 Inservice Inspection Report**

Enclosure

**Joseph M. Farley Nuclear Plant – Unit 1
Inservice Inspection Report
Refueling Outage 1R26
Owner's Report**

INSERVICE INSPECTION REPORT

REFUELING OUTAGE 26

**INTERVAL 4
PERIOD 3
OUTAGE 1**

**J.M. Farley Nuclear Plant
Unit 1
Hwy 95 South
Columbia, Alabama 36319**

**Southern Nuclear Operating Company
40 Inverness Center Parkway
Birmingham, Alabama 35242**

**COMMERCIAL OPERATION DATE: December 1, 1977
DOCUMENT COMPLETION DATE: August 2015**

FNP 1R26 FINAL REPORT INDEX

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VOLUMES 2 AND 3

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

VOLUME 4

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

**SOUTHERN NUCLEAR
OPERATING COMPANY**

INSERVICE INSPECTIONS

***J. M. FARLEY NUCLEAR PLANT
UNIT 1***

***REFUELING OUTAGE 26
SPRING 2015***

**Volume 1
Owner's Report**

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 1
4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 12/01/77
6. National Board Number for Unit see listed N. B. for each component
7. Components Inspected

| Component or Appurtenance | Manufacturer or Installer | Manufacturer or Installer Serial No. | State or Province No. | National Board No. |
|-----------------------------|-----------------------------------|--------------------------------------|-----------------------|--------------------|
| Reactor Vessel | Combustion Engineering | CE 69104 | N/A | 21385 |
| Reactor Vessel Closure Head | Mitsubishi Heavy Industries, Ltd. | B-VH-N04 | N/A | 5846 |
| Centrifugal Charging Pump C | Pacific Pumps | 46354/355/356 | N/A | N/A |
| Class 1 Piping | Daniel Construction | N/A | N/A | N/A |
| Class 2 Piping | Daniel Construction | N/A | N/A | N/A |

8. Examination Dates 10/28/13 to 05/7/15
9. Inspection Period Identification: Third Period - 12/01/2014 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 – 12/17/14, Ver. 11; Volume 2 – 12/15/14, Ver. 8.0; Volume 3 – 12/15/14, Ver. 4.0; Volume 6 – 12/23/14, Ver. 6.0; Volume 7 – 01/09/15, Ver. 5.0
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Tabs B and C
14. Abstract of Results of Examinations and Tests. See Tab B
15. Abstract of Corrective Measures. See Tab B

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

FORM NIS-1

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

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

Date 7/31 20 15 Signed Southern Nuclear Operating Co. By R.A. Hruby, Jr.
(Owner) R. A. Hruby, Jr.

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 10/28/2013 to 05/07/2015 and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RODNEY SENA Rodney Sena Commissions 12603A INC, FL 45
Inspector's Signature National Board, State, Province,
and Endorsements

Date 07/31 20 15

**OWNER'S REPORT
FOR
INSERVICE INSPECTION**

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
Hwy 95 South
Columbia, Alabama 36319

**NAME ASSIGNED TO NUCLEAR
POWER UNIT:** Joseph M. Farley Nuclear Plant
Unit 1

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

COMMERCIAL SERVICE DATE: 12/01/1977

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

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

CLASS 1

| COMPONENT OR SYSTEM | SYSTEM DESIGNATION | APR SKETCH |
|---|-----------------------|---|
| Reactor Vessel | B11 | 1-1100 |
| Reactor Vessel Closure Head | B11 | 1-1300 |
| Reactor Coolant System | B13 | 1-4100, 1-4200, 1-4300, 1-4502, 1-4503 |
| Chemical Volume and Control System | E21 | 1-4108 |
| Safety Injection System | E11 / E21 | 1-4103, 1-4201, 1-4203, 1-4302, 1-4303, 1-4304, 1-4307 |
| Control Rod Drive Mechanism Supports | F13 | N/A |

CLASS 2

| COMPONENT OR SYSTEM | SYSTEM DESIGNATION | APR SKETCH |
|------------------------------------|--------------------|--|
| Centrifugal Charging Pump | E21 | 2-5120 |
| Containment Spray | E13 | 2-4701, 2-4704, 2-4705, 2-4707, 2-4708 |
| Chemical Volume and Control System | E21 | 2-4509, 2-4511, 2-4513, 2-4604 |
| Residual Heat Removal System | E11 | 2-4502, 2-4504, 2-4506, 2-4514, 2-4517, 2-4518 |
| Safety Injection System | E21 | 2-4533, 2-4537, 2-4538, 2-4615, 2-4623, 2-4627, 2-4631, 2-4632, 2-4636 |
| Main Steam System | N11 | 2-4101 |

NAME OF AUTHORIZED NUCLEAR INSERVICE INSPECTOR: Rodney Senn

NAME AND MAILING ADDRESS
OF INSPECTOR'S EMPLOYER:

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

TAB B

BALANCE OF PLANT/REACTOR VESSEL EXAMINATION SUMMARY

**J. M. FARLEY NUCLEAR PLANT UNIT NO 1
INTERVAL 4 PERIOD 3 OUTAGE 1
BALANCE OF PLANT/REACTOR VESSEL EXAMINATION SUMMARY**

INTRODUCTION

The ASME Boiler and Pressure Vessel Code, Section XI, 2001 Edition (Code), 2003 Addenda, is the applicable code for conducting inservice inspection activities during the fourth ten-year inspection interval at Farley Unit 1. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in Code paragraphs IWB-2412 and IWC-2412. This "Owner's Report for Inservice Inspection" is for those third inspection period examinations and tests which were performed between October 28, 2013 (end of the twenty-fifth maintenance/refueling outage, 1R25 / 4-2-2) and May 7, 2015 (end of the twenty-sixth maintenance/refueling outage, 1R26 / 4-3-1).

The examinations were performed in accordance with the approved Outage Plan. The primary areas of examination included the Reactor Pressure Vessel (RPV) Bottom Head Mounted Instrumentation (BMI), RPV Closure Head Control Rod Drive Mechanism (CRDM) penetrations, and various Class 1 and Class 2 piping welds, supports and welded attachments. The tables documenting the Class 1 and 2 vessel, piping, and component support examinations are located in 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 FR 58804, dated October 1, 2004. The 2004 Rule incorporated the 2001 Edition with NRC caveats. Farley has, except where requests for relief, technical alternatives or exemptions have been approved complied with the requirements for expedited implementation of the applicable Appendix VIII supplements using the EPRI Performance Demonstration Initiative (PDI).

In addition to the summary of inservice inspection activities, this report addresses Code-applicable repairs and replacements documented at FNP-1 since 1R25 through the end of 1R26. 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. Steam Generator tube inspections were performed during the 26th refueling outage.

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. SNC defines recordable indications as indications from a nondestructive examination that required evaluation to Code criteria or other applicable standards. Reportable indications are defined as recordable indications that have been evaluated and are Code rejectable. 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.
- One (1) class 1 weld had limited volumetric coverage during UT examinations because of physical limitations due to the configuration of the welded area. 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 configuration of the welded area. These limited examinations will be submitted to the NRC through the relief request process as allowed by 10 CFR 50.55a.

(B) SURFACE EXAMINATIONS

- There were no reportable Class 1 Surface indications.

(C) VISUAL EXAMINATIONS

- There were no reportable Class 1 Visual examinations.

CLASS 2

(A) VOLUMETRIC EXAMINATIONS

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

(B) SURFACE EXAMINATIONS

- There were no reportable Class 2 Surface indications.

(C) VISUAL EXAMINATIONS

- There were no reportable Class 2 Visual indications.

ADDITIONAL EXAMINATIONS

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

- **Class 1 System Leakage Testing**

In accordance with IWB-5210(a), a system leakage test of the Class 1 Reactor Coolant System Pressure Boundary was performed prior to startup following the 26th refueling outage. To meet the requirements of IWA-5242(a), insulation was removed from all insulated Class 1 pressure retaining bolted connections for VT-2 visual examination after the system was depressurized. There was one (1) pressure retaining bolted connection which had minor boron accumulation. There were 11 other minor threaded connections which had some degree of boron accumulation. In each case, the boron was removed and any necessary corrective actions were taken. The results of this testing is also documented in FNP-1-STP-156.2 for the Farley 1R26 outage.

- **Class 2 System Leakage Testing**

In accordance with IWC-5210(a), system leakage testing was performed during the 26th refueling outage on portions of the following systems: Residual Heat Removal, Chemical and Volume Control, Safety Injection, Containment Spray, Steam Generator Blow Down, Main Steam, Main Feedwater, Auxiliary Feedwater, Chemical Injection, and Sample System. There were 36 components with recorded indications (mainly minor packing leaks and end cap leaks and 6 gasket leaks, 2 pump seals, and one casing vent leak) associated with these tests. In each case, necessary corrective action was performed. The results of this testing is documented in FNP-1-STP-156.1.

In addition, the RPV flange leak-off line was examined for the first time after it was learned it had not been pressure tested in accordance with ASME Section XI. NRC approval for the alternate examinations was granted under FNP-ISI-ALT-16.

- **IWE Examinations**

During the 1R26 refueling outage, General Visual, VT-3 and VT-1 examinations were performed on the applicable Class MC pressure retaining components with their integral attachments and pressure retaining bolting. 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)".

During the examinations several indications were noted on the liner plate, those conditions consisted of surface rust, scratches, gouges, discolorations, etc. Most of these indications had been identified before in previous examinations but all were evaluated as not affecting the structural integrity or leak tightness of the containment pressure boundary. No corrective actions were required during the 1R26 refueling outage.

In addition, during the 1R26 refueling outage, General Visual examinations were performed on Class MC pressure retaining components with their integral attachments. 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)"

Additionally, during 2R23 it was discovered that Farley was not meeting the intent of ASME Section XI, Subsection IWE, specifically Category E-A, Item E1.30. Item E1.30 requires that 100% of the moisture barrier be examined each Inspection Period. It was discovered that Farley had only scoped in the moisture barrier along the outer periphery of containment and did not scope in the moisture barriers that are used in the expansion joints that are located radially around the containment floor between the containment wall, bioshield wall, and reactor vessel shield wall. In addition, the moisture barriers that are located around the bioshield wall and the steam generator and RCP platform were

not scoped into the IWE Program as well. These locations were previously evaluated to be excluded from scope; however, after further internal review, these are now being included. During 1R26 an examination of the newly identified areas was performed and several locations with degraded or missing moisture barrier were identified. In addition to the expansion joints, an examination of the leak chase test connections (LCTC) was being performed to satisfy IWE moisture barrier examinations that were added to the outage in response to IN 2014-07.

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

During the examination, several areas of degraded moisture barrier were identified. 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 the areas with the missing sealant, the 1/2" compressible material below the sealant was still in place. 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. At four locations of missing sealant throughout containment, standing water was found at varying depths with dirt/sludge material at the bottom with two having depth to obtain chemistry samples. These locations were both inside and outside the bioshield wall at expansion joints in the floor and at the floor-to-wall expansion joint (not including the periphery of containment). Based on investigation into the issue, it was ultimately concluded that all the expansion joints had some level of moisture in them.

Because several sections of the moisture barrier are degraded and limit access to the liner, the method used to support the evaluation is to sample accessible areas to evaluate the overall integrity of the liner plate beneath the fill slab on the 104'-0" elevation. During the examination of the LCTCs, in which the covers for the LCTCs were removed to look at the pipe cap to pipe connection (moisture barrier), liquid was discovered in two of the recessed portions of the LCTC (4 & 23). Two LCTC's pipes and pipe caps were completely corroded through (10 & 52). After all initial examinations were performed, the conditions were assessed. Further investigation into the LCTC, resulted in the removal of the pipe cap on 47 locations of which 31 locations were noted to have varying levels of moisture in them; the remaining locations were noted as being dry. A videoprobe was utilized to look inside the LCTCs that had their pipe caps removed.

The degradation to the moisture barriers are believed to be a result of exclusion from the IWE scope when the program was developed in the 1998 to 1999 timeframe. Without inclusion into the program, examinations were not performed thus permitting degradation to occur without the additional chances to identify it. Degradation of the moisture barrier for the LCTC is also believed to be attributed to contact with moisture from spill events, equipment leakage, and other miscellaneous items which would present an opportunity for moisture to intrude upon the LCTC covers and gaskets. The degradation of the sealant utilized as the moisture barrier is more so attributed to lack of attention and time. Like most sealant materials they have the potential to degrade over time and without identification of areas that are degrading to be repaired or replaced, conditions are likely to further degrade. For the most part, liquid in contact with the inaccessible portion of the liner plate in the expansion joints is believed to have gotten there through a degraded drain trench used as a drain path to the containment sumps. The drain trench has expansion joints from the placing of the concrete floor slab and the sealant in those joints was degraded as well.

Due to the conditions identified and challenges presented to gain access to the inaccessible portions of the liner plate in order to assure that the integrity of the liner plate has been maintained, the evaluation consists of both qualitative and quantitative data. The quantitative data came from UT thickness measurements taken in various areas, while the qualitative information would come from chemistry analysis of the liquid, previous Integrated Leak Rate Test (ILRT) results, design of the drain trench to help understand how liquid moved around, the potential sources for the liquid, the potential for future corrosion and what the design function is of the inaccessible liner and what thickness is required to continue to meet that design function. The conclusion drawn was that the liner plate has maintained its ability to perform its specified design function, which was based on the following summarization of the evaluation.

- The UT thickness measurements for the three locations were taken in areas where degradation would be expected to be seen and the results of those examinations indicate that no appreciable loss of liner plate thickness has occurred.

- In 2009, an ILRT was performed on the containment structure and the results of that test showed that the containment structure was performing its specified design function as well.
- The qualitative visual inspections performed did not show any significant degradation of the liner plate directly below the test connections, which would have expected to be observed.
- Rate of corrosion for one outage is minimal, 0.0022 in/yr.
- Design analysis supports a minimal thickness of 1/32" for the liner plate under the fill slab.
- Observations performed during the investigation process, and during and after the repair to the trench support the conclusion that the liquid seen occurs during the refueling outage, which aids to the expectation that minimal, if any corrosion would occur during the operation cycle.
- Examination results indicate that no appreciable corrosion has occurred since the last ILRT in 2009, so there is no reason to expect the liner plate has degraded to a point in which it can no longer perform its intended design function since the 2009 ILRT.

Definitive corrective actions have yet to be fully vetted, however necessary actions will be taken to ensure that prior to replacement of the degraded sections of the moisture barrier the inaccessible portion of the liner plate will be verified to not be susceptible to a corrosive environment. In addition the inaccessible portions of the liner plate below the leak chase test connections will be inspected to ensure that the potential for corrosion has been removed.

It is realized by SNC that in order to fully address the issue with the degraded moisture barrier, including the leak chase test connections that it will take more than one outage to resolve the issue and significant planning will need to take place to ensure the corrosive environment has been removed. The development of a corrective action plan will be presented to the Plant Health Committee for approval. The need for the development of a corrective action plan has been entered into the Farley CAP for tracking and documentation as CR 10025966.

- **IWL Examinations**

No IWL examinations were performed during this reporting period.

STATUS OF EXAMINATIONS REQUIRED FOR CURRENT INTERVAL

The 1R26 Outage was the 1st Outage in the 3rd Period of the 4th Interval. The results from this outage, combined with the "completed" examinations from the following refueling outage 1R27 (Fall 2016) will represent 100% of the total Class 1 and 2 scope for the third period of the fourth interval. Farley Unit 1 is within ASME Code compliance, pending NRC approval of the volumetric and/or surface examination limitations. Requests for relief will be submitted within the required time frame specified by 10 CFR 50.55a. See Table 1 for completion percentages.

As a note, Farley received approval to implement EPRI Risk-Based ISI (RIS_B) starting in the 2nd Period of the 4th Interval. Approval was documented in a NRC Safety Evaluation on January 18, 2012 (ADAMS Number ML12012A135). Farley's ISI Plan Documents have been revised to reflect such implementation for Section XI Examination Categories B-F, B-J, C-F-1, and C-F-2 and as a result the "Total Exams Required During 4th Interval" will reflect what the requirements were at the beginning of the interval and the "% of Total Exams Completed for Interval" will reflect the completion percentage for the First Period.

- **Applicable Code Cases**

The applicable Code Cases for the 1R26 Outage included:

| | | | | |
|-------|-------|-------|-------|-------|
| N-460 | N-648 | N-663 | N-695 | N-696 |
| N-700 | N-706 | N-722 | N-729 | |

Table 1
Farley Unit 1 - 1R26 Outage
Completion Percentages

| Cat. | Item No. | Code Case / ALT | Population | Percent of Population Required To Be Examined | Total Exams Required During 4 th Interval | 1R26 | |
|---------------|----------|-----------------|------------|---|--|------------------------|---|
| | | | | | | No. of Exams Completed | % of Total Exams Completed for Interval |
| B-A | B1.11 | | 3 | 100% | 3 | 0 | 0% |
| B-A | B1.12 | | 4 | 100% | 4 | 0 | 0% |
| B-A | B1.21 | | 2 | 100% | 2 | 0 | 0% |
| B-A | B1.22 | | 6 | 100% | 6 | 0 | 0% |
| B-A | B1.30 | | 1 | 100% | 1 | 0 | 0% |
| Total: | | | 10 | | 10 | 0 | 0% |
| B-B | B2.11 | | 2 | 100% | 2 | 0 | 50% |
| B-B | B2.12 | | 2 | 100% | 2 | 0 | 50% |
| B-B | B2.40 | | 3 | 33.33% | 1 | 0 | 100% |
| Total: | | | 7 | | 5 | 0 | 60% |
| B-D | B3.100 | N-648-1 | 6 | 100% | 6 | 0 | 0% |
| B-D | B3.110 | | 6 | 100% | 6 | 0 | 84% |
| B-D | B3.120 | | 6 | 100% | 6 | 0 | 84% |
| B-D | B3.140 | | 6 | 100% | 6 | 0 | 34% |
| B-D | B3.90 | | 6 | 100% | 6 | 0 | 0% |
| Total: | | | 30 | | 30 | 0 | 40% |
| B-F | B5.70 | N-663 / ALT-12 | 6 | 100% | 6 | 0 | 16.6% |
| Total: | | | 6 | | 6 | | 16.6% |
| B-G-1 | B6.10 | | 1 | 100% | 1 | 0 | 100% |
| B-G-1 | B6.180 | | 3 | 33.33% | 1 | 0 | 100% |
| B-G-1 | B6.190 | | 3 | 0% | 0 | 0 | 0% |
| B-G-1 | B6.20 | | 1 | 100% | 1 | 0 | 100% |
| B-G-1 | B6.40 | | 1 | 100% | 1 | 0 | 0% |
| B-G-1 | B6.50 | | 1 | 100% | 1 | 0 | 100% |
| Total: | | | 10 | | 5 | 0 | 80% |
| B-G-2 | B7.20 | | 1 | 0% | 0 | 0 | 0% |

Table 1
Farley Unit 1 - 1R26 Outage
Completion Percentages

| Cat. | Item No. | Code Case / ALT | Population | Percent of Population Required To Be Examined | Total Exams Required During 4 th Interval | 1R26 | |
|----------------|-----------|-----------------|------------|---|--|------------------------|---|
| | | | | | | No. of Exams Completed | % of Total Exams Completed for Interval |
| B-G-2 | B7.30 | | 6 | 0% | 0 | 0 | 0% |
| B-G-2 | B7.50 | | 9 | 33.33% | 2 | 0 | 100% |
| B-G-2 | B7.60 | | 3 | 0% | 0 | 0 | 0% |
| B-G-2 | B7.70 | | 24 | 25% | 1 | 0 | 100% |
| *Total: | | | 43 | | 3 | 0 | 334% |
| B-J | B9.11 | N-663 / ALT-12 | 360 | 25% | 90 | 0 | 20% |
| B-J | B9.21 | | 55 | 25% | 14 | 0 | 36% |
| B-J | B9.31 | | 14 | 25% | 4 | 0 | 0% |
| B-J | B9.32 | | 24 | 25% | 6 | 0 | 33% |
| B-J | B9.40 | | 244 | 25% | 61 | 0 | 13% |
| Total: | | | 697 | | 175 | 0 | 18.8% |
| B-K | B10.10 | | 1 | 100% | 1 | 0 | 100% |
| B-K | B10.10(R) | N-700 | 3 | 33.33% | 1 | 0 | 100% |
| B-K | B10.20 | | 37 | 10% | 4 | 0 | 50% |
| Total: | | | 41 | | 6 | 0 | 66.6% |
| B-L-2 | B12.20 | | 3 | 0% | 0 | 0 | 0 |
| Total: | | | 3 | | 0 | 0 | 0 |
| B-M-2 | B12.50(1) | | 4 | 25% | 1 | 0 | 100% |
| B-M-2 | B12.50(2) | | 6 | 0% | 0 | 0 | 0 |
| B-M-2 | B12.50(3) | | 5 | 0% | 0 | 0 | 0 |
| B-M-2 | B12.50(4) | | 3 | 0% | 0 | 0 | 0 |
| B-M-2 | B12.50(5) | | 6 | 0% | 0 | 0 | 0 |
| Total: | | | 24 | | 1 | 0 | 100% |
| B-N-1 | B13.10 | | 1 | 100% | 3 | 0 | 66.6% |
| Total: | | | 1 | | 3 | 0 | 66.6% |
| B-N-2 | B13.60 | | 4 | 100% | 4 | 0 | 0% |

Table 1
Farley Unit 1 - 1R26 Outage
Completion Percentages

| Cat. | Item No. | Code Case / ALT | Population | Percent of Population Required To Be Examined | Total Exams Required During 4 th Interval | 1R26 | |
|---------------|-----------|-----------------|-------------|---|--|------------------------|---|
| | | | | | | No. of Exams Completed | % of Total Exams Completed for Interval |
| Total: | | | 4 | | 4 | 0 | 0% |
| B-N-3 | B13.70 | | 1 | 100% | 1 | 0 | 0% |
| Total: | | | 1 | | 1 | 0 | 0% |
| B-O | B14.10(1) | | 38 | 18.3% | 7 | 0 | 0% |
| Total: | | | 38 | | 7 | 0 | 0% |
| C-A | C1.20 | | 3 | 33.33% | 1 | 0 | 0 |
| C-A | C1.30 | | 3 | 33.33% | 1 | 0 | 100% |
| Total: | | | 6 | | 2 | 0 | 50% |
| C-B | C2.21 | | 3 | 33.33% | 1 | 0 | 0 |
| C-B | C2.22 | | 3 | 33.33% | 1 | 0 | 100% |
| Total: | | | 6 | | 2 | 0 | 50% |
| C-C | C3.10 | N-700 | 6 | 16.66% | 1 | 0 | 0% |
| C-C | C3.20 | | 210 | 10.1% | 22 | 6 | 91% |
| C-C | C3.30 | | 12 | 10% | 2 | 2 | 100% |
| Total: | | | 228 | | 25 | 8 | 88% |
| C-F-1 | C5.11 | N-663 / ALT-12 | 876 | 7.5% | 66 | 0 | 10% |
| C-F-1 | C5.21 | | 402 | 7.5% | 31 | 0 | 3.2% |
| C-F-1 | C5.30 | | 338 | 7.5% | 26 | 0 | 50% |
| C-F-1 | C5.41 | | 18 | 7.5% | 2 | 0 | 50% |
| Total: | | | 1448 | | 125 | 0 | 16.8% |
| C-F-2 | C5.51 | N-663 / ALT-12 | 210 | 11.9% | 25 | 0 | 20% |
| C-F-2 | C5.60 | | 12 | 8.33% | 1 | 0 | 0% |
| C-F-2 | C5.81 | | 24 | 8.33% | 2 | 0 | 50% |
| Total: | | | 246 | | 28 | 0 | 21.4% |
| D-A | D1.10 | N-700 | 9 | 44% | 4 | 2 | 100% |

Table 1
Farley Unit 1 - 1R26 Outage
Completion Percentages

| Cat. | Item No. | Code Case / ALT | Population | Percent of Population Required To Be Examined | Total Exams Required During 4 th Interval | 1R26 | |
|---------------|-----------|-----------------|-------------|---|--|------------------------|---|
| | | | | | | No. of Exams Completed | % of Total Exams Completed for Interval |
| D-A | D1.20 | | 256 | 11.5% | 34 | 9 | 84% |
| Total: | | | 265 | | 38 | 11 | 86% |
| F-A | F1.10A(1) | | 7 | 25% | 2 | 0 | 50% |
| F-A | F1.10B(1) | | 57 | 26% | 15 | 0 | 63% |
| F-A | F1.10C(1) | | 32 | 25% | 8 | 0 | 75% |
| F-A | F1.10D(1) | | 65 | 27% | 18 | 1 | 78% |
| F-A | F1.10E(1) | | 41 | 24% | 10 | 0 | 70% |
| F-A | F1.10F(1) | | 1 | 0% | 0 | 0 | 0% |
| F-A | F1.10S(1) | | 55 | 27% | 15 | 4 | 124% |
| F-A | F1.20A(1) | | 63 | 15% | 10 | 4 | 90% |
| F-A | F1.20B(1) | | 139 | 14% | 20 | 7 | 105% |
| F-A | F1.20C(1) | | 17 | 28% | 5 | 2 | 84% |
| F-A | F1.20D(1) | | 138 | 15.7% | 22 | 8 | 96% |
| F-A | F1.20E(1) | | 81 | 15% | 13 | 4 | 100% |
| F-A | F1.20F(1) | | 27 | 14.8% | 4 | 0 | 75% |
| F-A | F1.20G(1) | | 14 | 20% | 3 | 0 | 100% |
| F-A | F1.20S(1) | | 53 | 16.9% | 9 | 8 | 200% |
| F-A | F1.30A(1) | | 75 | 9.5% | 8 | 1 | 84% |
| F-A | F1.30B(1) | | 127 | 9.8% | 13 | 1 | 82% |
| F-A | F1.30C(1) | | 5 | 20% | 1 | 0 | 100% |
| F-A | F1.30D(1) | | 332 | 10.7% | 36 | 2 | 77% |
| F-A | F1.30E(1) | | 119 | 12.5% | 15 | 1 | 87% |
| F-A | F1.30F(1) | | 111 | 10.6% | 12 | 4 | 100% |
| F-A | F1.30H(1) | | 31 | 9.5% | 3 | 1 | 67% |
| F-A | F1.30S(1) | | 9 | 21% | 2 | 1 | 100% |
| F-A | F1.40(1) | | 72 | 45.5% | 33 | 10 | 76% |
| Total: | | | 1671 | | 277 | 59 | 88% |
| R-A | R1.11 | ALT-12 | 171 | | 21 | 7 | 66.7 |

| Table 1 Farley Unit 1 - 1R26 Outage Completion Percentages | | | | | | | |
|---|-----------------|------------------------|-------------------|--|--|-------------------------------|--|
| Cat. | Item No. | Code Case / ALT | Population | Percent of Population Required To Be Examined | Total Exams Required During 4th Interval | 1R26 | |
| | | | | | | No. of Exams Completed | % of Total Exams Completed for Interval |
| R-A | R1.11H | ALT-12 | 57 | | 3 | 0 | 100% |
| R-A | R1.16 | ALT-12 | 9 | | 2 | 0 | 100% |
| R-A | R1.11/16 | ALT-12 | 7 | | 0 | 0 | 0% |
| R-A | R1.20 | ALT-12 | 615 | | 27 | 14 | 77.8% |
| R-A | R1.20BER | ALT-12 | 199 | | 16 | 0 | 81.3% |
| Total: | | | | | 69 | | 76.5% |

*THE COMPLETION PERCENTAGE FOR THIS Examination Category, B-G-2, is above the 100% completion percentage due to the way these exams are counted in the ISI Program. This is due to Exam Category B-G-2 exams being performed on components as they are disassembled instead of scheduling examinations ahead of time. Program requirements for this Examination Category are being met.

Note:

Categories B-F, B-J, C-F-1, C-F-2 and R-A are or have been affected by NRC approval of FNP-ISI-ALT-12, which allowed the implementation of Risk Informed Inservice Inspections. Due to the utilization of Risk-Informed the completion percentages for B-F, B-J, C-F-1, and C-F-2 will only reflect one Period of exams being completed for the entire Interval. Category R-A exams will account for two Periods of examinations, however, completion percentage will reflect as if the two Periods made up the interval instead of the normal three Periods.

TAB C

EXAMINATION PROGRAM PLAN

| Farley Unit 1 Class 1 Components | | | | | |
|-------------------------------------|--|-----------------------------|---------------------------------|---------|--|
| ASME Section XI | Examination/Area | Examination Procedure(s) | Exam/Cal Sheet No(s). | Results | Remarks |
| N-722 B15.80 | ALA1-1100C-BMI-BMV RPV BOTTOM HEAD MOUNTED INSTRUMENTATION BMV | NMP-ES-024-208 | NA | Sat | N/A |
| N-729 B4.40 | ALA1-1300-UPPER HEAD-VOL REPLACEMENT RPV CLOSURE HEAD CRDM EXAMINATIONS | VENDOR | WDI-PJF- 1313702-FRS- 001 | Sat | N/A |
| N-722 B15.90 | ALA1-4100-1DM-BMV RPV HOT LEG SAFE END BMV | NMP-ES-024-202 | NA | Sat | Hot Leg |
| R-A R1.20(1) | ALA1-4103-10-RB PIPE TO ELBOW | NMP-ES-024-501 | S15F1U075 | NRI | N/A |
| R-A R1.20(1) | ALA1-4103-11-RB ELBOW TO PIPE | NMP-ES-024-501 | S15F1U076 | NRI | N/A |
| R-A R1.20(1) | ALA1-4103-12-RB PIPE TO ELBOW | NMP-ES-024-501 | S15F1U077 | NRI | N/A |
| R-A R1.20(1) | ALA1-4103-13-RB ELBOW TO PIPE | NMP-ES-024-501 | S15F1U078 | NRI | N/A |
| R-A R1.20(1) | ALA1-4103-14-RB PIPE TO ELBOW | NMP-ES-024-501 | S15F1U079 | NRI | N/A |
| R-A R1.20(1) | ALA1-4103-9-RB ELBOW TO PIPE | NMP-ES-024-501 | S15F1U074 | NRI | N/A |
| R-A R1.20(1) | ALA1-4108-14BW-RB TEE TO PIPE | NMP-ES-024-501 | S15F1U097 | NRI | 50% Code Coverage. Relief Request required. |
| N-722 B15.90 | ALA1-4200-1DM-BMV RPV HOT LEG SAFE END BMV | NMP-ES-024-202 | NA | Sat | Hot Leg |
| R-A R1.20(1) | ALA1-4201-8-RB ELBOW TO PIPE | NMP-ES-024-501 | S15F1U001 | NRI | N/A |
| R-A R1.20(1) | ALA1-4201-9-RB PIPE TO ELBOW | NMP-ES-024-501 | S15F1U002 | NRI | N/A |
| F-A F1.10D(1) | ALA1-4203-SI-R178 TWO DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V070 | Sat | N/A |
| N-722 B15.90 | ALA1-4300-1DM-BMV RPV HOT LEG SAFE END BMV | NMP-ES-024-202 | NA | Sat | Hot Leg |
| R-A R1.20(1) | ALA1-4302-11-RB ELBOW TO PIPE | NMP-ES-024-501 | S15F1U090 | NRI | N/A |
| R-A R1.20(1) | ALA1-4302-12-RB PIPE TO ELBOW | NMP-ES-024-501 | S15F1U091 | NRI | N/A |
| R-A R1.20(1) | ALA1-4302-2-RB ELBOW TO PIPE | NMP-ES-024-501 | S15F1U080 | NRI | N/A |

| Farley Unit 1 Class 1 Components | | | | | |
|-------------------------------------|--|-----------------------------|--------------------------|---------|---------|
| ASME Section XI | Examination/Area | Examination Procedure(s) | Exam/Cal Sheet No(s). | Results | Remarks |
| R-A R1.20(1) | ALA1-4302-3-RB PIPE TO ELBOW | NMP-ES-024-501 | S15F1U081 | NRI | N/A |
| R-A R1.20(1) | ALA1-4302-4-RB ELBOW TO PIPE | NMP-ES-024-501 | S15F1U092 | NRI | N/A |
| F-A F1.10S(1) | ALA1-4302-SI-R129 HYDRAULIC SNUBBER | NMP-ES-024-203 | S15F1V042 | Accept | N/A |
| R-A R1.11(1) | ALA1-4303-3-RB ELBOW TO PIPE | NMP-ES-024-501 | S15F1U070 | NRI | N/A |
| R-A R1.11(1) | ALA1-4303-4-RB PIPE TO ELBOW | NMP-ES-024-501 | S15F1U069 | NRI | N/A |
| R-A R1.11(1) | ALA1-4303-5-RB ELBOW TO PIPE | NMP-ES-024-501 | S15F1U071 | NRI | N/A |
| R-A R1.11(1) | ALA1-4303-6-RB PIPE TO ELBOW | NMP-ES-024-501 | S15F1U072 | NRI | N/A |
| R-A R1.11(1) | ALA1-4304-18-RB ELBOW TO PIPE | NMP-ES-024-501 | S15F1U066 | NRI | N/A |
| R-A R1.11(1) | ALA1-4304-19-RB PIPE TO ELBOW | NMP-ES-024-501 | S15F1U067 | NRI | N/A |
| F-A F1.10S(1) | ALA1-4307-SS-4103 HYDRAULIC SNUBBER | NMP-ES-024-203 | S15F1V053 | Accept | N/A |
| F-A F1.10S(1) | ALA1-4502-RC-R219 HYDRAULIC SNUBBER | NMP-ES-024-203 | S15F1V061 | Accept | N/A |
| F-A F1.10S(1) | ALA1-4503-RC-R226 HYDRAULIC SNUBBER | NMP-ES-024-203 | S15F1V072 | Accept | N/A |
| F-A F1.40(1) | Q1F13D0001 CRDM SEISMIC SUPPORT PLATFORM | NMP-ES-024-203 | S15F1V067 | Sat | N/A |
| F-A F1.40(1) | Q1F13D0002 CRDM SEISMIC SUPPORT TIE ROD | NMP-ES-024-203 | S15F1V068 | Sat | N/A |
| F-A F1.40(1) | Q1F13D0003 CRDM SEISMIC SUPPORT VERTICAL LIFTING LEGS | NMP-ES-024-203 | S15F1V069 | Sat | N/A |

| Farley Unit 1 Class 2 Components | | | | | |
|-------------------------------------|--|-----------------------------|--------------------------|---------|---------|
| ASME Section XI | Examination/Area | Examination Procedure(s) | Exam/Cal Sheet No(s). | Results | Remarks |
| F-A F1.20E(1) | ALA2-4101-MS-R133 SWAY STRUT (2) | NMP-ES-024-203 | S15F1V005 | Sat | N/A |
| C-C C3.20 | ALA2-4502-SI-R291 (W8) WELDED ATTACHMENT | NMP-ES-024-301 | S15F1P007 S15F1P008 | NRI | N/A |
| C-C C3.20 | ALA2-4504-RHR-R98X (W8) WELDED ATTACHMENT | NMP-ES-024-301 | S15F1P005 | NRI | N/A |
| F-A F1.20S(1) | ALA2-4504-RHR-R98XA HYDRAULIC SNUBBER W/ATTACH | NMP-ES-024-203 | S15F1V001 | Accept | N/A |
| F-A F1.20S(1) | ALA2-4504-RHR-R98XB HYDRAULIC SNUBBER W/ATTACH | NMP-ES-024-203 | S15F1V002 | Accept | N/A |
| C-C C3.20 | ALA2-4506-RHR10-R21 (W4) WELDED ATTACHMENT | NMP-ES-024-301 | S15F1P004 | NRI | N/A |
| F-A F1.20D(1) | ALA2-4506-RHR10-R21 TWO DIRECTIONAL RESTRAINT W/ATTACH | NMP-ES-024-203 | S15F1V006 | Sat | N/A |
| F-A F1.20D(1) | ALA2-4509-CVC-R326 TWO DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V007 | Sat | N/A |
| C-C C3.20 | ALA2-4511-CVC-R15 (W6) WELDED ATTACHMENT | NMP-ES-024-301 | S15F1P006 | NRI | N/A |
| F-A F1.20D(1) | ALA2-4511-CVC-R15 TWO DIRECTIONAL RESTRAINT W/ATTACH | NMP-ES-024-203 | S15F1V071 | Sat | N/A |
| F-A F1.20B(1) | ALA2-4513-CVC-R40 ONE DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V009 | Sat | N/A |
| F-A F1.20A(1) | ALA2-4513-CVCS-A22 ANCHOR W/ATTACH | NMP-ES-024-203 | S15F1V008 | Sat | N/A |
| C-C C3.20 | ALA2-4514-SI-R87 (W8) WELDED ATTACHMENT | NMP-ES-024-301 | S15F1P001 | NRI | N/A |
| F-A F1.20B(1) | ALA2-4514-SI-R87 ONE DIRECTIONAL RESTRAINT W/ATTACH | NMP-ES-024-203 | S15F1V010 | Sat | N/A |
| F-A F1.20E(1) | ALA2-4517-RHR8-R52 SWAY STRUT | NMP-ES-024-203 | S15F1V011 | Sat | N/A |
| F-A F1.20B(1) | ALA2-4517-SI-R99 ONE DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V012 | Sat | N/A |
| F-A F1.20B(1) | ALA2-4518-SI-R23 ONE DIRECTIONAL RESTRAINT W/ATTACH | NMP-ES-024-203 | S15F1V013 | Sat | N/A |
| C-C C3.20 | ALA2-4533-CVC-R80 (WS) WELDED ATTACHMENT | NMP-ES-024-301 | S15F1P011 | NRI | N/A |
| F-A F1.20D(1) | ALA2-4533-CVC-R80 TWO DIRECTIONAL RESTRAINT W/ATTACH | NMP-ES-024-203 | S15F1V014 | Sat | N/A |

| Farley Unit 1 Class 2 Components | | | | | |
|-------------------------------------|---|-----------------------------|--------------------------|---------|--|
| ASME Section XI | Examination/Area | Examination Procedure(s) | Exam/Cal Sheet No(s). | Results | Remarks |
| F-A F1.20A(1) | ALA2-4537-SS-2058 ANCHOR 2 U-BOLTS | NMP-ES-024-203 | S15F1V015 | Sat | N/A |
| F-A F1.20A(1) | ALA2-4538-SS-2061 ANCHOR | NMP-ES-024-203 | S15F1V016 | Sat | N/A |
| F-A F1.20D(1) | ALA2-4604-SI-R2 TWO DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V018 | Sat | N/A |
| F-A F1.20D(1) | ALA2-4615-SS-4001 TWO DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V058 | Sat | N/A |
| F-A F1.20B(1) | ALA2-4615-SS-4008 ONE DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V059 | Sat | N/A |
| F-A F1.20S(1) | ALA2-4623-SS-1975A HYDRAULIC SNUBBER | NMP-ES-024-203 | S15F1V043 | Accept | N/A |
| F-A F1.20S(1) | ALA2-4623-SS-1975B HYDRAULIC SNUBBER | NMP-ES-024-203 | S15F1V044 | Accept | N/A |
| F-A F1.20C(1) | ALA2-4623-SS-1975C SPRING CAN | NMP-ES-024-203 | S15F1V047 | Unsat | IER-004 – CR 10053447. Acceptable AS-IS. |
| F-A F1.20S(1) | ALA2-4623-SS-1975D HYDRAULIC SNUBBER | NMP-ES-024-203 | S15F1V048 | Accept | N/A |
| F-A F1.20A(1) | ALA2-4627-SS-1980 ANCHOR 2 U-BOLTS | NMP-ES-024-203 | S15F1V049 | Sat | N/A |
| F-A F1.20E(1) | ALA2-4631-SI-R59 SWAY STRUT | NMP-ES-024-203 | S15F1V019 | Unsat | IER-003 – CR 10046437. Acceptable AS-IS. |
| F-A F1.20B(1) | ALA2-4631-SI-R64 ONE DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V020 | Sat | N/A |
| F-A F1.20S(1) | ALA2-4632-SI-R68 HYDRAULIC SNUBBER | NMP-ES-024-203 | S15F1V004 | Accept | IER-002 – CR 10046426. Visually degraded, tested SAT. |
| F-A F1.20D(1) | ALA2-4636-SS-1987 TWO DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V050 | Sat | N/A |
| F-A F1.20E(1) | ALA2-4701-CS-R297 SWAY STRUT | NMP-ES-024-203 | S15F1V021 | Sat | N/A |
| F-A F1.20C(1) | ALA2-4704-CS-BR100 SPRING CAN | NMP-ES-024-203 | S15F1V022 | Sat | N/A |
| F-A F1.20D(1) | ALA2-4705-CS-R8 TWO DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V023 | Sat | N/A |
| F-A F1.20S(1) | ALA2-4707-CS-R142A HYDRAULIC SNUBBER W/ATTACH | NMP-ES-024-203 | S15F1V051 | Accept | N/A |
| F-A F1.20S(1) | ALA2-4707-CS-R142B HYDRAULIC SNUBBER W/ATTACH | NMP-ES-024-203 | S15F1V052 | Accept | Visually degraded, tested SAT. |

| Farley Unit 1 Class 2 Components | | | | | |
|-------------------------------------|---|-----------------------------|--------------------------|---------|---------|
| ASME Section XI | Examination/Area | Examination Procedure(s) | Exam/Cal Sheet No(s). | Results | Remarks |
| F-A F1.20B(1) | ALA2-4708-CS5-R17 ONE DIRECTIONAL RESTRAINT | NMP-ES-024-203 | S15F1V024 | Sat | N/A |
| C-C C3.30 | ALA2-5120-CS-1 (W1) WELDED ATTACHMENT | NMP-ES-024-301 | S15F1P002 | NRI | N/A |
| F-A F1.40(1) | ALA2-5120-CS-1 CENTRIF CHRGING PMP (C) Q1E21P002C | NMP-ES-024-203 | S15F1V025 | Sat | N/A |
| C-C C3.30 | ALA2-5120-CS-2 (W1) WELDED ATTACHMENT | NMP-ES-024-301 | S15F1P003 | NRI | N/A |
| F-A F1.40(1) | ALA2-5120-CS-2 CENTRIF CHRGING PMP (C) Q1E21P002C | NMP-ES-024-203 | S15F1V026 | Sat | N/A |
| F-A F1.40(1) | ALA2-5120-CS-3 CENTRIF CHRGING PMP (C) Q1E21P002C | NMP-ES-024-203 | S15F1V027 | Sat | N/A |
| F-A F1.40(1) | ALA2-5120-CS-4 CENTRIF CHRGING PMP (C) Q1E21P002C | NMP-ES-024-203 | S15F1V028 | Sat | N/A |

TAB D

SUMMARY OF RECORDABLE INDICATIONS

**SUMMARY OF RECORDED INDICATIONS
2015 UNIT 1 REFUELING OUTAGE - 1R26**

| SKETCH | ID | ITEM DESCRIPTION | INDICATION DESCRIPTION | ACCEPTED PER | | MONITOR | IER NUMBER |
|--------------------|------------------|---------------------------------------|---|--------------|-------------|---------|---------------|
| | | | | EVALUATION | REPAIR/REPL | | |
| ALA2-4632 | F-A F1.20S(1) | ALA2-4632-SI-R68 Hydraulic Snubber | Visually degraded. | X | | | 002 |
| ALA2-4631 | F-A F1.20E(1) | ALA2-4631-SI-R59 Sway Strut | Paddle ends have insufficient thread engagement in barrel assembly. | X | | | 003 |
| ALA2-4623 | F-A F1.20C(1) | ALA2-4623-SS-1975C Spring Can | Improper load settings and rod is misaligned approximately 15" | X | | | 004 |
| D176201 U165855 | IWE | Containment Moisture Barrier | Degraded and missing portions of the moisture barrier identified during examination. | X | | X | - |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

TAB E

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

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

The following Owner's Reports for Repairs or Replacements (Form NIS-2) are provided for work activities documented at FNP-1 since the last maintenance/refueling outage (1R25) through the completion of the twenty-sixth maintenance/refueling outage (1R26). Reports are identified by their respective job number which is denoted on each of the NIS-2 reports. The originals of the NIS-2 reports are filed with their respective packages at the plant site. Only those NIS-2 reports applicable to FNP-1 are included in this report document. Any attachments, e.g., code data reports, etc., referenced in the NIS-2 reports will be made available for review upon request at the plant site.

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

| | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SNC51727 | SNC401237 | SNC509550 | SNC555691 | SNC555718 | SNC556283 | SNC637465 |
| SNC53666 | SNC431379 | SNC509578 | SNC555692 | SNC555721 | SNC566968 | SNC645570 |
| SNC55180 | SNC482146 | SNC512081 | SNC555693 | SNC555723 | SNC580719 | SNC645669 |
| SNC55186 | SNC482608 | SNC512082 | SNC555707 | SNC555726 | SNC595300 | SNC647950 |
| SNC55187 | SNC496768 | SNC512253 | SNC555708 | SNC555727 | SNC595307 | SNC651188 |
| SNC57187 | SNC505849 | SNC527228 | SNC555709 | SNC555733 | SNC595865 | SNC653114 |
| SNC61572 | SNC505856 | SNC544347 | SNC555710 | SNC555746 | SNC595867 | SNC657815 |
| SNC61575 | SNC505860 | SNC555657 | SNC555711 | SNC555748 | SNC599493 | |
| SNC61576 | SNC505862 | SNC555661 | SNC555713 | SNC555759 | SNC601311 | |
| SNC61578 | SNC505863 | SNC555666 | SNC555716 | SNC555760 | SNC602640 | |
| SNC61580 | SNC509544 | SNC555675 | SNC555717 | SNC555761 | SNC633702 | |
| SNC401189 | SNC509547 | SNC555690 | SNC555719 | SNC555790 | SNC637037 | |

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

1. Owner Southern Nuclear Operating Company Date 6/4/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Name Address Sheet 1 of 2
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Name Address WO#: SNC51727
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 Stamp N/A
 Name Authorization N/A
 Address Expiration Date N/A
4. Identification of System N3, Auxiliary Feedwater System, Q1N23P002, Class 3
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Summer 1971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED/ 2003 ADD
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|----------------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| GLAND SEAL PLATE (INBOARD) | ARMCO STEEL CORP. | 51664 | N/A | PO: FNP2-35 | 1975 | REMOVED | NO |
| GLAND SEAL PLATE | FLOWERVE | RLSA12485-2 | N/A | PO: QP080493 | 2008 | INSTALLED | NO |
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7. Description of Work Replace pump gland seal plate due to normal wear.

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-2 Exam, NPV-1 Form, N-2 Form
Applicable Manufacturer's Data Reports to be attached
SNC51727

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.

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed Ronald Williams MSM Date 6-9-15
 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 HSB Global Standards of Hartford, CT
04/10/2015
 have inspected the components described in this Owner's Report during the period 06/12/2015
 to 06/12/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 AINC, FL445
 Inspector's Signature National Board, State, Province and Endorsements
 Date 06/12/2015

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

1. Owner Southern Nuclear Operating Company Date 6/22/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC53666
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
Expiration N/A
Date
4. Identification of System N11, Main Steam System, Q1N11V004D, Class 2
5. (a) Applicable Construction Code ASME B&PV Code 1968 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED/ 2003 ADD
(c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| 6" GATE VALVE | PACIFIC SCIENTIFIC | 1021 | N/A | PO: FNP-190 | 1974 | REMOVED | YES |
| 6" GATE VALVE | FLOWSERVE | BJ985 | N/A | PO: QP100320 | 2011 | INSTALLED | YES |
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7. Description of Work Valve replaced due to old valve leaking past seat.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, NPV-1 Form, VT-2 Exam, Radiographic Inspection Report, Equivalency
Determination: C092556601 Rev. 3.0.

Applicable Manufacturer's Data Reports to be attached

SNCSNC53666

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald W. Williams

MSM

Date

6-23-15

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/27/2015 to 07/06/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A1AC, FL445

National Board, State, Province and Endorsements

Date 07/06/2015

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

1. Owner Southern Nuclear Operating Company Date 6/15/2015
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Name Address
 7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
 7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
 7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
 7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
 7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
4. Identification of System E11, Residual Heat Removal, Q1E11H0001A, Class 2
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Summer 1971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED/ 2003 ADD
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|------------------------------|----------------------|-------------------------|--------------------|----------------------------|------------|----------------------------------|-------------------------------|
| 1" STUDS (3) AND NUTS (6) | UNK | UNK | N/A | UNK | UNK | REMOVED | NO |
| 1" STUDS (3) | NOVA | N/A | N/A | HT: 229173 PO: QP100720 | 2010 | INSTALLED | NO |
| 1" HEX NUTS (6) | NOVA | N/A | N/A | HT: S71132 PO: QP100611 | 2005 | INSTALLED | NO |
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7. Description of Work Replaced bolting due to corrosion.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-2 Exam, Piping Specification: SS-1109-02, Appendix A Table 19
Applicable Manufacturer's Data Reports to be attached

SNC55180

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.

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

Signed R. Williams MSM Date 7/6/15
 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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/14/2015 to 07/21/2015 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 12603A INC, FL445
 Inspector's Signature National Board, State, Province and Endorsements
 Date 07/21/2015

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 Williams Plant Services
Name

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

Date: 5/1/2015

Sheet 1 of 2

Unit FNP Unit 1

WO# SNC 55186

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 E11, Residual Heat Removal / Low Head Safety Injection, Q1E11-ECB-13 (South Flange, Drop Out Spool), Class 2

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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| 1-1/8" Stud (20) | Unknown | Unknown | N/A | Unknown | Unk | Removed | No |
| 1-1/8" Nut (40) | Unknown | Unknown | N/A | Unknown | Unk | Removed | No |
| 1-1/8" Stud (8) | Nova | NF12102435 | N/A | SNA10066065 | 2013 | Installed | No |
| 1-1/8" Stud (12) | Nova | 3005167 | N/A | QP100720 | 2010 | Installed | No |
| 1-1/8" Nut (32) | Nova | 3012026 | N/A | QP110243 | 2011 | Installed | No |
| 1-1/8" Nut (8) | Nova | 223422 | N/A | QP100618 | 2010 | Installed | No |
| | | | | | | | |
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7. Description of Work Replaced studs and nuts on removable spool piece due to insufficient thread engagement during gasket replacement.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificates of Conformance, Certified Material Test Reports, VT-2 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC 55186

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 Maint Manager

Date

5-20-15

Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/16/2015 to 05/28/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions

12603A INC, FL445

National Board, State, Province and Endorsements

Date

05/28/2015

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: 5/1/2015

Sheet 1 of 2

Unit FNP Unit 1

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

WO# SNC 55187

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
Williams Plant Services
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address

4. Identification of System E11, Residual Heat Removal / Low Head Safety Injection, Q1E11-ECB-13 (North Flange, Drop Out Spool), Class 2

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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| 1-1/8" Stud (20) | Unknown | Unknown | N/A | Unknown | Unk | Removed | No |
| 1-1/8" Nut (40) | Unknown | Unknown | N/A | Unknown | Unk | Removed | No |
| 1-1/8" Stud (20) | Nova | 3005167 | N/A | QP100720 | 2010 | Installed | No |
| 1-1/8" Nut (40) | Nova | 223422 | N/A | QP100618 | 2010 | Installed | No |
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7. Description of Work Replaced studs and nuts on removable spool piece due to insufficient thread engagement during gasket replacement.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificates of Conformance, Certified Material Test Reports, VT-2 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC 55187

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 Maint Manager Date 5-20-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/16/2015 to 06/01/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robley Sen
Inspector's Signature

Commissions 12603A1NC, F445
National Board, State, Province and Endorsements

Date 06/01/2015

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: 5/4/2015

Sheet 1 of 2

Unit FNP Unit 1

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

WO# SNC 57187
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, Q1P16HBC29-58, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Conc. Reducer | ITT Grinnell | ADYN | N/A | FNP-210 | 1974 | Removed | No |
| Conc. Reducer | CPG Mfg., Inc | KSF-1 | N/A | QP090461 | 2008 | Installed | No |
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7. Description of Work Replaced 6 x 3 concentric reducer

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Conformance, Certified Material Test Report, NPP-1 Data Report, VT-2 Examination
Applicable Manufacturer's Data Reports to be attached

WO# SNC 57187

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 D. Williams Agent Manager Date 5-20-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/14/2015 to 06/08/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robney Sean Robney Sean Commissions 12603A10C, FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 06/08/2015

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: 5/10/2015
Sheet 1 of 2
Unit FNP Unit 1

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

WO# SNC 61572
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, Q1N11V0010C, Class 2

5. (a) Applicable Construction Code 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve Body | Dresser | BP09806 | N/A | FNP-316 | 1974 | Removed | Yes |
| Disc | Dresser | AAD03 | N/A | FNP-316 | 1974 | Removed | No |
| Compression Screw | Dresser | AAC25 | N/A | FNP-316 | 1974 | Removed | No |
| Spindle | Dresser | AAC35, AAC32 | N/A | FNP-316 | 1974 | Removed | No |
| 1-3/8" Stud (12) | UNK | UNK | N/A | UNK | UNK | Removed | No |
| 1-3/8" Nut (24) | UNK | UNK | N/A | UNK | UNK | Remove | No |
| Valve Body | Dresser | BP09807 | N/A | SNA10092494 | 1974 | Installed | Yes |
| Disc | Dresser | AJM61 | N/A | SNA10092494 | 2014 | Installed | No |
| Compression Screw | Dresser | AIM88 | N/A | SNA10092494 | 2014 | Installed | No |
| Spindle | Dresser | AJL78 | N/A | SNA10092494 | 2014 | Installed | No |
| 1-3/8" Stud (12) | Curtis-Wright | 3047857 | N/A | SNA36051-0081 | 2014 | Installed | No |
| 1-3/8" Nut (24) | Dubose | 217575 | N/A | SNA31710-0109 | 2014 | Installed | No |

7. Description of Work Replaced Main Steam Safety Valve N1N11V0010C with a rotation from stock. The replacement valve was reworked to include the extended wear modification provided in ED SNC328243ED. Bolting was also replaced.

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

FORM NIS-2 (Back)

9. Remarks Code data reports, Certificates of Conformance, Certified Material Test Reports, VT-2 Examination
Applicable Manufacturer's Data Reports to be attached

WO# SNC 61572

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 RH/WHLL - Rawald Williams Mut Ugr Date 5-14-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/14/2015 to 05/27/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A INC, FL445
National Board, State, Province and Endorsements

Date 05/27/2015

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: 5/10/2015
Sheet 1 of 2
Unit FNP Unit 1

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

WO# SNC 61575
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 N11, Main Steam System, Q1N11V0010E, Class 2

5. (a) Applicable Construction Code 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve Body | Dresser | BP09812 | N/A | FNP-316 | 1974 | Removed | Yes |
| Disc | Dresser | AAC57 | N/A | FNP-316 | 1974 | Removed | No |
| Compression Screw | Dresser | AAB87 | N/A | FNP-316 | 1974 | Removed | No |
| Spindle | Dresser | AAC02, AAB85 | N/A | FNP-316 | 1974 | Removed | No |
| 1-3/8" Stud (12) | UNK | UNK | N/A | UNK | UNK | Removed | No |
| 1-3/8" Nut (24) | UNK | UNK | N/A | UNK | UNK | Remove | No |
| Valve Body | Dresser | BP09827 | N/A | SNA10092494 | 1974 | Installed | Yes |
| Disc | Dresser | AJM22 | N/A | SNA10092494 | 2014 | Installed | No |
| Compression Screw | Dresser | AJM89 | N/A | SNA10092494 | 2014 | Installed | No |
| Spindle | Dresser | AJL79 | N/A | SNA10092494 | 2014 | Installed | No |
| 1-3/8" Stud (12) | Curtis-Wright | 3047857 | N/A | SNA36051-0081 | 2014 | Installed | No |
| 1-3/8" Nut (24) | Dubose | 217575 | N/A | SNA31710-0109 | 2014 | Installed | No |

7. Description of Work Replaced Main Steam Safety Valve N1N11V0010E with a rotation from stock. The replacement valve was reworked to include the extended wear modification provided in ED SNC328243ED. Bolting was also replaced.

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

FORM NIS-2 (Back)

9. Remarks Code data reports, Certificates of Conformance, Certified Material Test Reports, VT-2 Examination
Applicable Manufacturer's Data Reports to be attached

WO# SNC 61575

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 Mgr Mgr Date 5-14-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/14/2015 to 05/27/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 12603A1NC, FL445
National Board, State, Province and Endorsements

Date 05/27/2015

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: 5/9/2015

Sheet 1 of 2

Unit FNP Unit 1

WO# SNC 61576

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, Q1N11V0011E, Class 2

5. (a) Applicable Construction Code 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve Body | Dresser | BP09813 | N/A | FNP-316 | 1974 | Removed | Yes |
| Disc | Dresser | AAC55 | N/A | FNP-316 | 1974 | Removed | No |
| Compression Screw | Dresser | AAB94 | N/A | FNP-316 | 1974 | Removed | No |
| Spindle | Dresser | AAC03, AAB91 | N/A | FNP-316 | 1974 | Removed | No |
| 1-3/8" Stud (12) | UNK | UNK | N/A | UNK | UNK | Removed | No |
| 1-3/8" Nut (24) | UNK | UNK | N/A | UNK | UNK | Removed | No |
| Valve Body | Dresser | BP09821 | N/A | SNA10092494 | 1974 | Installed | Yes |
| Disc | Dresser | AJP79 | N/A | SNA10092494 | 2014 | Installed | No |
| Compression Screw | Dresser | AJM87 | N/A | SNA10092494 | 2014 | Installed | No |
| Spindle | Dresser | AJL76 | N/A | SNA10092494 | 2014 | Installed | No |
| 1-3/8" Stud (12) | Curtis-Wright | 3047857 | N/A | SNA36051-0081 | 2014 | Installed | No |
| 1-3/8" Nut (24) | Dubose | 217575 | N/A | SNA31710-0109 | 2014 | Installed | No |

7. Description of Work Replaced Main Steam Safety Valve N1N11V0011E with a rotation from stock. The replacement valve was reworked to include the extended wear modification provided in ED SNC328243ED. Bolting was also replaced.

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

FORM NIS-2 (Back)

9. Remarks Code data reports, Certificates of Conformance, Certified Material Test Reports, VT-2 Examination

Applicable Manufacturer's Data Reports to be attached

WOH SNC 61576

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 D. Nicks Mgr Date 5-14-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/14/2015 to 05/27/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A1NC, FL445
National Board, State, Province and Endorsements

Date 05/27/2015

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: 5/10/2015
Sheet 1 of 2
Unit FNP Unit 1

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

WO# SNC 61578
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, Q1N11V0010B, Class 2

5. (a) Applicable Construction Code 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve Body | Dresser | BP09820 | N/A | FNP2-64 | 1974 | Removed | Yes |
| Disc | Dresser | AAC93 | N/A | FNP2-64 | 1974 | Removed | No |
| 1-3/8" Stud (12) | UNK | UNK | N/A | UNK | UNK | Removed | No |
| 1-3/8" Nut (24) | UNK | UNK | N/A | UNK | UNK | Remove | No |
| Valve Body | Dresser | BP09828 | N/A | SNA10092494 | 1974 | Installed | Yes |
| Disc | Dresser | AIM58 | N/A | SNA10092494 | 2014 | Installed | No |
| 1-3/8" Stud (12) | Curtis-Wright | 3047857 | N/A | SNA36051-0081 | 2014 | Installed | No |
| 1-3/8" Nut (24) | Dubose | 217575 | N/A | SNA31710-0109 | 2014 | Installed | No |
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7. Description of Work Replaced Main Steam Safety Valve N1N11V0010B with a rotation from stock. The replacement valve was reworked to replace the disc. Bolting was also replaced.

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

FORM NIS-2 (Back)

9. Remarks Code data reports, Certificates of Conformance, Certified Material Test Reports, VT-2 Examination
Applicable Manufacturer's Data Reports to be attached

WO# SNC 61578

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 D. Williams Met Mgr Date 5-14-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/14/2015 to 05/27/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 Rodney Senti Commissions 12603A1NC
Inspector's Signature National Board, State, Province and Endorsements

Date 05/27/2015

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: 5/9/2015
Sheet 1 of 2
Unit FNP Unit 1

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

WO# SNC 61580
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 N11, Main Steam System, Q1N11V0011B, Class 2

5. (a) Applicable Construction Code 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve Body | Dresser | BP09819 | N/A | FNP2-64 | 1974 | Removed | Yes |
| Disc | Dresser | AAD03 | N/A | FNP2-64 | 1974 | Removed | No |
| Compression Screw | Dresser | AAC25 | N/A | FNP2-64 | 1974 | Removed | No |
| Spindle | Dresser | AAC35, AAC32 | N/A | FNP2-64 | 1974 | Removed | No |
| 1-3/8" Stud (12) | UNK | UNK | N/A | UNK | UNK | Removed | No |
| 1-3/8" Nut (24) | UNK | UNK | N/A | UNK | UNK | Remove | No |
| Valve Body | Dresser | BP09804 | N/A | SNA10092494 | 1974 | Installed | Yes |
| Disc | Dresser | AJM59 | N/A | SNA10092494 | 2014 | Installed | No |
| Compression Screw | Dresser | AJM86 | N/A | SNA10092494 | 2014 | Installed | No |
| Spindle | Dresser | AJL77 | N/A | SNA10092494 | 2014 | Installed | No |
| 1-3/8" Stud (12) | Curtis-Wright | 3047857 | N/A | SNA36051-0081 | 2014 | Installed | No |
| 1-3/8" Nut (24) | Dubose | 217575 | N/A | SNA31710-0109 | 2014 | Installed | No |

7. Description of Work Replaced Main Steam Safety Valve N1N11V0011B with a rotation from stock. The replacement valve was reworked to include the extended wear modification provided in ED SNC328243ED. Bolting was also replaced.

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

FORM NIS-2 (Back)

9. Remarks Code data reports, Certificates of Conformance, Certified Material Test Reports, VT-2 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC 61580

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 6-9-15
Ronald D. Williams Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/14/2015 to 06/12/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 [Signature]
 Inspector's Signature

Commissions 12603A1nc, FL445
 National Board, State, Province and Endorsements

Date 06/12/2015

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

1. Owner Southern Nuclear Operating Company Date 6/22/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
 Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC401189
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
 Address Expiration No. N/A
 Date
4. Identification of System P17, Component Cooling Water System, Q1P17V0126A, Class 3
5. (a) Applicable Construction Code ASME Sect. III 1974 Edition, Summer 1975 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED/ 2003 ADD
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| 1 1/2" X 2" RELIEF VALVE | ANDERSON GREENWOOD | N99846-00-0002 | N/A | PO: QP040739 | 2005 | REMOVED | YES |
| 1 1/2" X 2" RELIEF VALVE | ANDERSON GREENWOOD | N99846-00-0012 | N/A | PO: QP100946 | 2010 | INSTALLED | NO |
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7. Description of Work Relief valve replaced due to old valve leaking past seat.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, NV-1 Form, VT-2 Exam
Applicable Manufacturer's Data Reports to be attached
SNC401189

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.

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed Ronald W. Williams Date 6-23-15
MSM
 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 HSB Global Standards of Hartford, CT
have inspected the components described in this Owner's Report during the period 04/11/2015
to 06/29/2015, and state that to the best of my knowledge and belief, the Owner has performed
 examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 12603A, NC, FL 445
 Inspector's Signature National Board, State, Province and Endorsements
 Date 06/29/2015

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: 5/3/2015

Sheet 1 of 2

Unit FNP Unit 1

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

WO# SNC 401237
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 N23, Auxiliary Feedwater, Q1N23V0068B, Class 2

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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Relief Valve | Lonergan | 210289-6-4 | N/A | FNP2-51 | 1972 | Removed | Yes |
| 1/2" Nuts (8) | UNK | UNK | N/A | UNK | UNK | Removed | No |
| 1/2" Studs (4) | UNK | UNK | N/A | UNK | UNK | Removed | No |
| | | | | | | | |
| Relief Valve | Crosby | N99846-00-0004 | N/A | QP040739 | 2005 | Installed | No |
| 1/2" Nuts (8) | Dubose | 10106080 | N/A | SNA31710-073 | 2014 | Installed | No |
| 1/2" Studs (4) | Cardinal Industrial | X569B | N/A | SNA31372-0089 | 2014 | Installed | No |
| | | | | | | | |
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7. Description of Work Replaced relief valve as a scheduled upgrade

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificates of Compliance, Certified Material Test Reports, NV-1 data reports

Applicable Manufacturer's Data Reports to be attached

WO# SNC 401237

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 Master Manager Date 5-20-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/03/2015 to 06/08/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 AWE, FL 445
National Board, State, Province and Endorsements

Date 06/08/2015

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

1. Owner Southern Nuclear Operating Company Date 4/28/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC 431379
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
Expiration N/A
Date
4. Identification of System E21, CHEMICAL VOLUME CONTROL SYSTEM, Q1E21V173, CLASS 3
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, WINTER 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED, 2003 ADD
(c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| 2" BALL VALVE | BNL | A100608-1-2 | N/A | PO: QP100602 | 2010 | REMOVED | YES |
| 2" BALL VALVE | BNL | A110507-1-1 | N/A | PO: QP110378 | 2011 | INSTALLED | YES |
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7. Description of Work REPLACE 2" BALL VALVE BODY, BONNET, AND DISC, WITH NEW BODY, BONNET AND DISC.

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

FORM NIS-2 (Back)

9. Remarks CERTIFICATE OF COMPLIANCE, VT-2 EXAMINATION,
Applicable Manufacturer's Data Reports to be attached
SNC431379

| CERTIFICATE OF COMPLIANCE | | | |
|--|---|-----------------|---------------|
| We certify that the statements made in the report are correct and that this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | Expiration Date | N/A |
| Signed | <u>Ronald W. Williams</u> Owner or Owner's Designee, Title | Date | <u>5-1-15</u> |

| CERTIFICATE OF INSERVICE INSPECTION | |
|---|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> | |
| have inspected the components described in this Owner's Report during the period <u>11/18/2013</u> to <u>05/13/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| <u>RODNEY SENA</u> Inspector's Signature | Commissions <u>12603 AINC, FL445</u> National Board, State, Province and Endorsements |
| Date <u>05/13/2015</u> | |

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

1. Owner Southern Nuclear Operating Company Date 6/24/2014
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC482146
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System P17, Component Cooling Water, Q1P17V0006C, Class 3
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Winter 1971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED, 2003 ADD.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------------|---------------------------|-------------------------|--------------------|--------------------------------|------------|----------------------------------|-------------------------------|
| 1 1/2" X 2" RELIEF VALVE | LONERGAN | 210130-6-5 | N/A | PO: FNP-296 | 1974 | REMOVED | YES |
| 1/2" STUDS AND NUTS | UNK | UNK | UNK | UNK | UNK | REMOVED | UNK |
| 1 1/2" X 2" RELIEF VALVE | ANDERSON GREENWOOD CROSBY | N99846-00-0015 | N/A | PO: SNA10056350 | 2013 | INSTALLED | YES |
| 1/2" 13 UNC STUDS | CARDINAL INDUSTRIAL | N/A | N/A | HT: X569B PO: SNA31372-0089 | 1985 | INSTALLED | NO |
| 1/2" 13 UNC HEX NUTS | TRUST MFG. | N/A | N/A | HT: 466900 PO: SNA10020728 | 2011 | INSTALLED | NO |
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7. Description of Work Replaced relief valve and bolting materials with new valve, studs and nuts.

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

FORM NIS-2 (Back)

9. Remarks Certificate of Conformance, ED: SC-05-S-0040, VT-2 Examination, NV-1 Form
Applicable Manufacturer's Data Reports to be attached

SNC482148

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Kassandra M. Moore
MAINT. SUPPORT
MANAGER

7-7-14
2-3-14
 Date

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of Florida and employed by HSB GLOBAL STANDARDS of Hartford, CT have inspected the components described in this Owner's Report during the period 04/15/2014 to 07/07/2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 07/07/2014

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

1. Owner Southern Nuclear Operating Company Date 2/27/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
 Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC482608
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
 No. Expiration N/A
 Date
 Address
4. Identification of System P17, Component Cooling Water, Q1P17V0006B, Class 3
5. (a) Applicable Construction Code ASME Sect. III 1974 Edition, Summer 1975 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED/ 2003 ADD
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-----------------------------|----------------------|-------------------------|--------------------|-----------------------------------|------------|----------------------------------|-------------------------------|
| 1 1/2" X 2" RELIEF VALVE | LONERGAN | 210130-6-4 | N/A | PO: FNP-296 | 1972 | REMOVED | YES |
| 1/2" STUDS (4) AND NUTS (8) | UNK | UNK | N/A | UNK | UNK | REMOVED | UNK |
| 1 1/2" X 2" RELIEF VALVE | ANDERSON GREENWOOD | N99846-00-0001 | N/A | PO: QP040739 | 2005 | INSTALLED | NO |
| 1/2" STUDS (4) | CARDINAL INDUSTRIAL | N/A | N/A | HEAT: X569B PO: SNA31372-0089 | 1985 | INSTALLED | NO |
| 1/2" NUTS (8) | DUBOSE NATIONAL | N/A | N/A | HT: 10106080 PO: SNA31710-0073 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced valve and bolting as upgrades.

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, NV-1 Form, VT-2 Exam, Equivalency Determination: SC-05-S-0040, SS1109-02
Appendix A

Applicable Manufacturer's Data Reports to be attached

SNC482608

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Sam Jones Maintenance Manager
Owner or Owner's Designee, Title

Date

3/5/15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 02/12/2015 to 03/17/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603 AINC, FL445

National Board, State, Province and Endorsements

Date 03/17/2015

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

1. Owner Southern Nuclear Operating Company Date 2/11/2014
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC 496768
Address Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization No. N/A
Address Expiration Date N/A
 4. Identification of System P16, Service Water, Q1P16V0603, Class 3
 5. (a) Applicable Construction Code Sect. III 1971 Edition, Winter 1971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED. / 2003 ADD.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|---------------------------|------------------------|-------------------------|--------------------|-------------------------------|------------|----------------------------------|-------------------------------|
| 2" ELBOW | GRINNELL | N/A | N/A | HT: K614 | UNK | REMOVED | UNK |
| 2" PIPE | GRINNELL | N/A | N/A | HT: L65803 | UNK | REMOVED | UNK |
| 2" CHECK VALVE | KEROTEST | DX2-10 | N/A | PO: FNP-295 | 1975 | REMOVED | YES |
| 2" ELBOW | BONNEY FORGE | N/A | N/A | HT: C70098 PO: QP100877 | 2010 | INSTALLED | NO |
| 2" PIPE | MICHIGAN SEAMLESS PIPE | N/A | N/A | HT: 00A054337 PO: QP080236 | 2008 | INSTALLED | NO |
| 2" CHECK VALVE | FLOWERVE | 07BRP | N/A | PO: QP100933 | 2011 | INSTALLED | YES |
| ER70S-2 ELECTRODE (1/8") | ESAB | N/A | N/A | HT: 065943 PO: SNA10052943 | 2013 | INSTALLED | NO |
| ER70S-2 ELECTRODE (3/32") | ESAB | N/A | N/A | HT: 065706 PO: QP040823 | 2004 | INSTALLED | NO |
| E7018 ELECTRODE (3/32") | ESAB | N/A | N/A | HT: 080538 PO: QP090712 | 2009 | INSTALLED | NO |

7. Description of Work Replaced valve and piping with new due to valve leak-by.

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, NPV-1 Form, CMTRs, ED: C052065101
Applicable Manufacturer's Data Reports to be attached
SNC496768

| CERTIFICATE OF COMPLIANCE | | | |
|--|---|-----------------|------------|
| We certify that the statements made in the report are correct and that this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | <u>N/A</u> | | |
| Certificate of Authorization No. | <u>N/A</u> | Expiration Date | <u>N/A</u> |
| Signed | <u>Kassandra Moore</u> <u>Mainten</u> <u>Owner or Owner's Designee, Title</u> <u>support manager</u> <u>5-7-14</u> | | |

| CERTIFICATE OF INSERVICE INSPECTION | |
|---|---|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>FLORIDA</u> and employed by <u>HSB GLOBAL STANDARDS</u> of <u>HARTFORD CT</u> have inspected the components described in this Owner's Report during the period <u>11/21/2013</u> to <u>07/07/2014</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| <u>Inspector's Signature</u> <u>Date 07/07/2014</u> | Commissions <u>12603AINS, FL445</u> National Board, State, Province and Endorsements |

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

1. Owner Southern Nuclear Operating Company
Name
40 Inverness Ctr Pkwy, Birmingham, AL 35242
Address

Date: 5/10/2015

Sheet 1 of 2

Unit FNP Unit 1

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

WO# SNC 505849
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, High Head Safety Injection / Chemical Volume Control System, Q1E21SNUBBSS4063B, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | Lisega | 61287/56 | N/A | QP950277 | 1993 | Removed | No |
| Hydraulic Snubber | Lisega | 3110330/019 | N/A | SNA10090082 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WON SNC 505849

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 Williams Date 5-14-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/06/2015 to 05/27/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 05/27/2015

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

1. Owner Southern Nuclear Operating Company Date 4/25/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC505856
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 Stamp N/A
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System E21, Chemical Volume Control System, Q1E21SNUBBSS4338, 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 ED / 2003 Add.
(c) Applicable Section XI Code Case(s) N/A

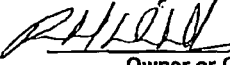
6. Identification Of Components


| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRAULIC SNUBBER | LISEGA | 61287/58 | N/A | PO: QP950277 | 1993 | REMOVED | NO |
| HYDRAULIC SNUBBER | LISEGA | 31400822/028 | N/A | PO: SNA10096059 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber due to seal life expiration.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination.
Applicable Manufacturer's Data Reports to be attached
SNC505856

| CERTIFICATE OF COMPLIANCE | | | |
|--|---|-----------------|---------------------|
| We certify that the statements made in the report are correct and that this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | <u>N/A</u> | | |
| Certificate of Authorization No. | <u>N/A</u> | Expiration Date | <u>N/A</u> |
| Signed |  <u>Ronald Williams</u> Maintenance Support Manager | | Date <u>4-28-15</u> |

| CERTIFICATE OF INSERVICE INSPECTION | |
|--|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>04/05/2015</u> to <u>05/12/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
|  <u>RODNEY SEN</u> Inspector's Signature | Commissions <u>12603A1Nc, F445</u> National Board, State, Province and Endorsements |
| Date <u>05/12/2015</u> | |

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

1. Owner Southern Nuclear Operating Company Date 4/27/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Address
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC505860
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
 No. Expiration Date N/A
 Address
4. Identification of System G24, Steam Generator Blowdown System, Q1G24SNUBBSS4447, 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

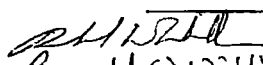
6. Identification Of Components


| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRAULIC SNUBBER | LISEGA | 61287/76 | N/A | PO: QP950277 | 1993 | REMOVED | NO |
| HYDRAULIC SNUBBER | LISEGA | 31400822/018 | N/A | PO: SNA10090082 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber due to end of service life..
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination.
Applicable Manufacturer's Data Reports to be attached
SNC505860

| CERTIFICATE OF COMPLIANCE | | | |
|--|--|-----------------|--------------------|
| We certify that the statements made in the report are correct and that this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | Expiration Date | N/A |
| Signed |  <u>Ronald W. Williams</u> Mnt Spt Mgr Owner or Owner's Designee, Title | | Date <u>5-1-15</u> |

| CERTIFICATE OF INSERVICE INSPECTION | | | |
|---|--|---|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> | | | |
| have inspected the components described in this Owner's Report during the period <u>03/31/2015</u> to <u>05/14/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | | | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | | | |
|  <u>Rodney Smith</u> Inspector's Signature | | Commissions <u>12603A1NC, F2445</u> National Board, State, Province and Endorsements | |
| Date <u>05/14/2015</u> | | | |

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

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

Date: 5/4/2015

Sheet 1 of 2

Unit FNP Unit 1

WO# SNC 505862

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 G24, Steam Generator Blowdown System, Q1G24SNUBBSS4458A, Class 3

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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | Lisege | 61287/86 | N/A | QP950277 | 1993 | Removed | No |
| Hydraulic Snubber | Lisege | 34100822/036 | N/A | SNA10096059 | 2014 | Installed | No |
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7. Description of Work Replaced hydraulic snubber because of seal life expiration

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Conformance, VT-3 Examinations

Applicable Manufacturer's Data Reports to be attached

WO# SNC 505862

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 MAINT. mgr Date 5-20-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/31/2015 to 05/28/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 12603A1NC, FL445
National Board, State, Province and Endorsements

Date 05/28/2015

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

1. Owner Southern Nuclear Operating Company Date 4/2/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Name Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
 WO#: SNC505863
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Stamp
 Name Authorization N/A
 No.
 7388 N. State Hwy. 95, Columbia, AL. 36319 Expiration N/A
 Date
 Address
 4. Identification of System P17, Component Cooling Water, System, Q1P17SNUBBSS5730B, Class 3
 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRAULIC SNUBBER | LISEGA | 61287/55 | N/A | PO: QP950277 | 1993 | REMOVED | NO |
| HYDRAULIC SNUBBER | LISEGA | 31400822/026 | N/A | PO: SNA10096059 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber due to seal life expiration.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

8. Remarks

Certificate of Compliance, VT-3 Examination.

Applicable Manufacturer's Data Reports to be attached

SNC505863

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald W. Williams

Maintenance Support Manager
Owner or Owner's Designee, Title

Date

5-1-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/30/2015 to 05/20/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions

12603A, NC, FL 445

National Board, State, Province and Endorsements

Date

05/20/2015

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

1. Owner Southern Nuclear Operating Company Date 1/23/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319 DCP SNC 467134, WO# SNC509544
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
(WILLIAMS) Stamp
Name Authorization N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 No.
Expiration N/A
Date
Address
4. Identification of System N23, AUXILIARY FEEDWATER SYSTEM (AFW), CLASS 3
5. (a) Applicable Construction Code 1971 THRU 2000' 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) |
|--------------------------|------------------------|-------------------------|--------------------|-------------------------------------|------------|----------------------------------|-------------------------------|
| 4" PIPE TEE | TAYLOR FORGE STAINLESS | N/A | N/A | SNA33232-0336 HT#NNLM-1 | 2014 | INSTALLED | NO |
| 4" 90 DEG. ELBOW (5EA.) | TAYLOR FORGE STAINLESS | N/A | N/A | SNA33232-0336 HT#NNLM-1 | 2014 | INSTALLED | NO |
| 4" VALVE | BNL INDUSTRIES | SN#A40411-2-1 | N/A | SNA10079070 | 2014 | INSTALLED | YES |
| 4" FLANGE | WESTERN FORGE & FLANGE | N/A | N/A | SNA33232-0345 HT#207W939 | 2014 | INSTALLED | NO |
| 4" BLIND FLANGE | WFI | N/A | N/A | SNA33232-0336 HT#1749ANF | 2014 | INSTALLED | NO |
| 1 1/8" STUD BOLTS (8EA.) | NOVA | N/A | N/A | SNA10066065 HT#NF12102435, TR#0B 89 | 2013 | INSTALLED | NO |
| 4" PIPE SCH. 80 | TAYLOR FORGE STAINLESS | N/A | N/A | SNA31710-0054 HT#110765 | 2014 | INSTALLED | NO |
| NUTS 1 1/8" (16EA.) | NOVA | N/A | N/A | QP091036 HT#223422 TC# 3U05 | 2009 | INSTALLED | NO |

7. Description of Work INSTALLED VALVE AND COMPONENTS per DCP 467134 AND WO# 509544

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

FORM NIS-2 (Back)

9. Remarks VALVE AND COMPONENTS INSTALLED per DCP 467134 AND WO# 509544, SS110902, SAM FLEX PROJECT
Applicable Manufacturer's Data Reports to be attached

VT2 EXAMINATION PERFORMED

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol
Stamp

N/A

Certificate of
Authorization No.

N/A

Expiration Date

N/A

Signed

Kenneth W. Baity
Kenneth W. Baity Site Design Manager
 Owner or Owner's Designee, Title

Date

6/5/15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT
have inspected the components described in this Owner's Report during the period 12/11/2014
to 06/05/2015, and state that to the best of my knowledge and belief, the Owner has performed
 examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A1N2, F44/5
 National Board, State, Province and Endorsements

Date 06/05/2015

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

1. Owner Southern Nuclear Operating Company Date 02/16/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address
DCP SNC 467134, WO#: SNC 509547
Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
(WILLIAMS) Stamp
Name Authorization N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 No.
Address Expiration N/A
Date
 4. Identification of System N23, U1 AUXILIARY FEEDWATER SYSTEM, , SS-3444, CLASS 3
 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) |
|-----------------------|----------------------|-------------------------|--------------------|--|------------|----------------------------------|-------------------------------|
| 1/2" PLATE | SABEL STEEL | N/A | N/A | SNA10088779 SCM-CGDP-126 HT#238019 | 2014 | INSTALLED | NO |
| ANCHOR ASSEMBLY 2" | ANVIL | N/A | N/A | SNA 10093318 P/N 1297328 | 2014 | INSTALLED | NO |
| | | | | | | | |
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7. Description of Work SUPPORT MODIFIED PER DCP 467134 AND WO# 509547, SS-3444
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks SUPPORT MODIFIED PER DCP 467134 AND WO# 509547, SS110902, DEDICATION PLAN : SCM-CGDP-126

Applicable Manufacturer's Data Reports to be attached

VT3 EXAMINATION PERFORMED

SAM/FLEX PROJECT Rev 6/5/2015

KB

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol
Stamp

N/A

Certificate of
Authorization No.

N/A

Expiration Date

N/A

Signed

Kenneth W. Baity

Date

6/5/15

Kenneth W. Baity Site Design Manager
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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 01/14/2015 to 06/09/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 AINC, FL445
National Board, State, Province and Endorsements

Date 06/09/2015

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

1. Owner Southern Nuclear Operating Company Date 02/04/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address
DCP SNC 467134, WO#: SNC 509550
Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
(WILLIAMS) Stamp
Name Authorization N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 No.
Address Expiration N/A
Date
 4. Identification of System N23, AUXILIARY FEEDWATER SYSTEM, SCS-H780, SCS-H779, CLASS 3
 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) |
|---|-----------------------|-------------------------|--------------------|--|------------|----------------------------------|-------------------------------|
| 1/4" PLATE SCS-H780 | NUCOR | N/A | NA | SNA31372-0045 HT# A3N0375-02 | 2013 | INSTALLED | NO |
| 3/4" PLATE SCS-H780 | NUCOR | N/A | NA | SNA31607-0002 SCGM-CGDP-126 | 2013 | INSTALLED | NO |
| 4"X4"X1/4" TUBE STEEL SCS-H780 | SABEL STEEL | N/A | NA | SNA10082837 SCM-CGDP-126 HT#J40401R | 2014 | INSTALLED | NO |
| 1" PLATE SCS-H779 SCS-H780 | NUCOR | N/A | NA | QP110426 HT#B1S6924 SCM-CGDP-126 | 2011 | INSTALLED | NO |
| 3/8" PLATE ROLLED SCS-H779 | NOVA MACHINE PRODUCTS | N/A | NA | SNA36051-0101 SNA36051-0029 HT#4504999 HT#3508612 | 2015 | INSTALLED | NO |
| 4"X3"X5/16" TUBE STEEL SCS-H779 | ATLAS TUBE | N/A | N/A | SNA10095489 HT#D82511 | 2014 | INSTALLED | NO |
| TUBE STRUCT. STEEL 5"X5"X5/16 SCS-H780 | SOUTHLAND TUBE | N/A | N/A | QP110442 HT # A46150 | 2008 | INSTALLED | NO |
| | | | | | | | |

7. Description of Work SUPPORTS INSTALLED PER WO SNC509550, DCP SNC467134, SCS-H779, SCS-H-780

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

FORM NIS-2 (Back)

9. Remarks SUPPORTS INSTALLED PER DCP 467134 AND WO # SNC509550, SS110902, DEDICATION PLAN : SCM-CGDP-126
Applicable Manufacturer's Data Reports to be attached

VT3 EXAMINATION PERFORMED

SAM/FLEX PROJECT Rev 6/5/2015

KD

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol
Stamp

N/A

Certificate of
Authorization No.

N/A

Expiration Date

N/A

Signed

Kenneth W. Baity

Date

6/5/15

Site Design Manager
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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 12/11/2014 to 06/05/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions

12603 AINC, FL445

National Board, State, Province and Endorsements

Date

06/05/2015

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

1. Owner Southern Nuclear Operating Company Date 3/5/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319
 Address
 DCP SNC 467134, WO#: SNC 509578
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance (WILLIAMS) Type Code Symbol N/A
 Name Stamp
 Authorization N/A
 No.
 Expiration N/A
 Date
 7388 N. State Hwy. 95, Columbia, AL. 36319
 Address
 4. Identification of System N23, AUXILIARY FEEDWATER SYSTEM, AFW-R81, CLASS 3
 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) |
|-------------------|----------------------|-------------------------|--------------------|---|------------|----------------------------------|-------------------------------|
| 1/2" PLATE | SABEL STEEL | N/A | N/A | SNA10088779 SCM-CGDP-126 HT# 238019 | 2014 | INSTALLED | NO |
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7. Description of Work SUPPORT MODIFIED per DCP 467134 AND WO# 509578, AFW-R81

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

FORM NIS-2 (Back)

9. Remarks SUPPORT MODIFIED PER DCP 467134 AND WO# 509578, SS110902, DEDICATION PLAN: SCM-CGDP-126

Applicable Manufacturer's Data Reports to be attached

VT3 EXAMINATION PERFORMED

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol
Stamp

N/A

Certificate of
Authorization No.

N/A

Expiration Date

N/A

Signed

Kenneth W. Baity

Kenneth W. Baity

Date 4/28/15

Owner or Owner's Designee, Title FNP Site Design Manager

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 01/14/2015 to 05/06/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 12603A1NC, F445
National Board, State, Province and Endorsements

Date 05/06/2015

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

1. Owner Southern Nuclear Operating Company Date 03/02/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Sheet 1 of 2
Name Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
Address DCP SNC 467136, WO# SNC512081
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
(WILLIAMS) Stamp
Name Authorization N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 No.
 Expiration N/A
Address Date
4. Identification of System E21, CHEMICAL VOLUME CONTROL SYSTEM, Q1E21-CCB-15, CLASS 2
5. (a) Applicable Construction Code ASME SECTION 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) |
|-------------------|----------------------|-------------------------|--------------------|--------------------------------|------------|----------------------------------|-------------------------------|
| 2" PIPE | SANDVIK STEEL | N/A | NA | QP990861 HT # 442617 | 1999 | INSTALLED | NO |
| 2" VALVE | VALV TECHNOLOGIES | SN#14106968 | NA | SNA10079045 | 2014 | INSTALLED | YES |
| 2" VALVE | VALV TECHNOLOGIES | SN#14106969 | NA | SNA10079045 | 2014 | INSTALLED | YES |
| 7/8" STUDS (8EA.) | T&T ENTERPRISES | N/A | NA | SNA31372-0259 HT # 10228850 | 2014 | INSTALLED | NO |
| 7/8" NUTS (16EA) | T&T ENTERPRISES | N/A | N/A | SNA31372-0259 HT # S10903 | 2014 | INSTALLED | NO |
| 2" FLANGE | WFI | N/A | N/A | SNA33232-0405 HT # 6434ANE3 | 2015 | INSTALLED | NO |
| 2" BLIND FLANGE | WFI | N/A | N/A | SNA31372-0259 HT # 6434ANE3 | 2014 | INSTALLED | NO |
| 2" 90 DEG. ELBOW | BONNEY FORGE CORP. | N/A | NA | SNA33232-0242 HT # NK | 2011 | INSTALLED | NO |

7. Description of Work NEW VALVES AND COMPONENTS INSTALLED PER DCP467136 AND WO# 512081

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

FORM NIS-2 (Back)

9. Remarks NEW VALVES AND COMPONENTS INSTALLED per DCP 467136 AND WO# 512081
Applicable Manufacturer's Data Reports to be attached
VT2 EXAMINATION PERFORMED

| CERTIFICATE OF COMPLIANCE | | | |
|--|---|-----------------|---------------|
| We certify that the statements made in the report are correct and that this <u>NEW</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | Expiration Date | N/A |
| Signed | <u>Kenneth W. Baity</u> <u>Site Design Manager</u> Owner or Owner's Designee, Title | Date | <u>6/5/15</u> |

| CERTIFICATE OF INSERVICE INSPECTION | |
|---|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> | |
| have inspected the components described in this Owner's Report during the period <u>12/11/2014</u> to <u>06/05/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
| <u>RODNEY SENN</u> Inspector's Signature | Commissions <u>12603A, NC, FL445</u> National Board, State, Province and Endorsements |
| Date <u>06/05/2015</u> | |

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

1. Owner Southern Nuclear Operating Company Date 02/04/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address
 DCP SNC 467136, WO# SNC512082
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
(WILLIAMS) Stamp
Name Authorization N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 No.
 Expiration N/A
 Date
Address
 4. Identification of System E21, CHEMICAL VOLUME CONTROL SYSTEM, Q1E21-CCB-21, CLASS 2
 5. (a) Applicable Construction Code 1971 Edition, 1971 SUMMER 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) |
|-------------------|------------------------|-------------------------|--------------------|--------------------------|------------|----------------------------------|-------------------------------|
| 2" PIPE | WALSIN SPECIALTY STEEL | N/A | N/A | SNA31372-0201 HT#11E587 | 2014 | INSTALLED | NO |
| 2" VALVE | VALV TECHNOLOGIES | SN#14106972 | N/A | SNA10079045 | 2014 | INSTALLED | YES |
| 2" VALVE | VALV TECHNOLOGIES | SN#14106973 | N/A | SNA10079045 | 2014 | INSTALLED | YES |
| PIPET 2" ON 3" | WFI | N/A | N/A | SNA33232-0317 HT#7061ANA | 2014 | INSTALLED | NO |
| 2" 90 DEG. ELBOW | BONNEY FORGE CORP. | N/A | N/A | SNA33232-0242 HT#NK | 2014 | INSTALLED | NO |
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7. Description of Work NEW VALVES AND COMPONENTS INSTALLED PER DCP467136 AND WO# 512082

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

FORM NIS-2 (Back)

9. Remarks NEW VALVES AND COMPONENTS INSTALLED per DCP 467136 AND WO# 512082, SAM FLEX PROJECT

Applicable Manufacturer's Data Reports to be attached

VT2 EXAMINATION PERFORMED

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol
Stamp

N/A

Certificate of
Authorization No.

N/A

Expiration Date

N/A

Signed

Kenneth W. Baily

Date

6/8/15

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 12/11/2014 to 06/09/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions

12603AINE, FL445

National Board, State, Province and Endorsements

Date

06/09/2015

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

1. Owner Southern Nuclear Operating Company Date 1/15/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address
DCP SNC 467142, WO#: SNC 512253
Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
Expiration Date N/A
4. Identification of System Q1G31 U1 SFP COOLING, Q1G31-HCC-107, CLASS 3
5. (a) Applicable Construction Code ASME SECT. III, 1971 Edition, SUMMER 1971 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) |
|--------------------|----------------------------|-------------------------|--------------------|---------------------------|------------|----------------------------------|-------------------------------|
| 3" VALVE | BNL VALVES | A110509-1-11 | NA | QP110393 | 2011 | INSTALLED | YES |
| 3" PIPING | DUBOSE NATIONAL ENERGY | N/A | NA | SNA10017398 HT#370140 | 2011 | INSTALLED | NO |
| 3" PIPET | WFI | NA | NA | SNA33232-0151 HT#5997ANA1 | 2014 | INSTALLED | NO |
| 3" FLANGE | WESTERN FORGE & FLANGE CO. | NA | NA | SNA33232-0175 HT#248300 | 2013 | INSTALLED | NO |
| 3" BLIND FLANGE | WESTERN FORGE & FLANGE CO. | NA | NA | SNA33232-0175 HT#E111304 | 2013 | INSTALLED | NO |
| 5/8" STUDS | DUBOSE NATIONAL ENERGY | NA | NA | SNA31710-0116 HT#781879 | 2014 | INSTALLED | NO |
| 5/8" NUTS | DUBOSE NATIONAL ENERGY | NA | NA | SNA31710-0116 HT#10109320 | 2014 | INSTALLED | NO |
| 3" 90 DEGREE ELBOW | TAYLOR FORGE | NA | NA | SNA10017405 HT#MZYK-1 | 2011 | INSTALLED | NO |

7. Description of Work VALVE AND COMPONENTS INSTALLED PER SNC467142 AND WO# SNC512253, SS110902

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

FORM NIS-2 (Back)

9. Remarks CERTIFICATE OF CONFORMANCE, WO# SNC512253, DCP SNC467142, VT-2 EXAMINATION
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 NEW conforms to the rules of the ASME Code, Section XI.

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

Signed

Kenneth Wooten Kenneth Wooten Date 3-27-15
Owner or Owner's Designee, Title SITE DESIGN MANAGER

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 12/11/2014 to 03/30/2015 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A INC, FL445
National Board, State, Province and Endorsements

Date 03/31/2015

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

1. Owner Southern Nuclear Operating Company Date 6/4/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Name Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
 WO#: SNC527228
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 Stamp
 Name Authorization N/A
 No. Expiration N/A
 Date
 Address
 4. Identification of System P16, Service Water System, Q1P16V0072, Class 2
 5. (a) Applicable Construction Code ASME Sect. III 1974 Edition, Summer 1975 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED/ 2003 ADD
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| 6" BUTTERFLY VALVE | ENERTECH | 10358 | N/A | PO: QP950247 | 1995 | REMOVED | YES |
| 6" BUTTERFLY VALVE | ENERTECH | 12658 | N/A | PO: SNA10096996 | 2015 | INSTALLED | YES |
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7. Description of Work Replaced valve with new as an upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, NPV-1 Form, VT-2 Exam, LDCP: SNC640159, Radiographic Inspection Report
Applicable Manufacturer's Data Reports to be attached

SNC527228

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald D. Williams

MSA

Date

6-23-15

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/09/2015 to 07/06/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A1NC, F2445

National Board, State, Province and Endorsements

Date 07/06/2015

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

1. Owner Southern Nuclear Operating Company Date 4/28/2014
 40 Inveness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
 Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC544347
 Address Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 7388 N. State Hwy. 95, Columbia, AL. 36319 Stamp
 Name Authorization N/A
 No. Expiration N/A
 Date
 Address
 4. Identification of System Q1P16V0584, P16, Service Water, 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 ED/ 2003 ADD.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|---------------------|----------------------|-------------------------|--------------------|-----------------------------|------------|----------------------------------|-------------------------------|
| 2" CHECK VALVE DISC | DUBOSE | N/A | N/A | HEAT: 25376 PO: QP050547 | 2006 | REMOVED | NO |
| 2" CHECK VALVE DISC | FLOWERVE | 31331-7 | N/A | PO: SNA27950-0080 | 2013 | INSTALLED | NO |
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7. Description of Work Replaced check valve disc due to leak-by.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks

NPV-1 Form, Certificate of Compliance, N-2 Form

Applicable Manufacturer's Data Reports to be attached

SNC544347

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Karonda L. Mason Maintenance Support Date 5-7-14
Owner or Owner's Designee, Title Manager

CERTIFICATE OF INSERVICE INSPECTION

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 HSE GLOBAL STANDARDS of HARTFORD CT have inspected the components described in this Owner's Report during the period 05/02/2014 to 06/25/2014, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commission
s

12603A INC, FL445
National Board, State, Province and Endorsements

Date 06/25/2014

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: 4/28/2015

Sheet 1 of 2

Unit FNP Unit 1

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

WO# SNC 555657
Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

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

4. Identification of System N12, Auxiliary Steam System, Q1N12SNUBBASH339, Class 3

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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | ITT Grinnell | 15530 | N/A | FNP2-29 | 1981 | Removed | No |
| | | | | | | | |
| Hydraulic Snubber | Anvil | 39482 | N/A | SNA 10090817 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade per ED C091569201

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Conformance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC555657

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 D. Williams Mnt Spt Mgr Date 5-1-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/24/2015 to 05/14/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603 Ainc, FL 445
National Board, State, Province and Endorsements

Date 05/14/2015

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: 4/28/2015
Sheet 1 of 2
Unit FNP Unit 1

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

WO# SNC 555661
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 E13, Containment Spray, Q1E13SNUBBCS2R131, 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

5. Identification of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | ITT Grinnell | 24178 | N/A | FNP2-29 | 1977 | Removed | No |
| Hydraulic Snubber | Anvil | 39496 | N/A | SNA10090817 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade per Equivalency Determination C092050401

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

9. Remarks Certificate of Compliance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC555661

CERTIFICATE OF COMPLIANCE

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

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

Signed Ronald W. Williams Maintenance Support Manager Date 4-28-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 02/17/2015 to 05/11/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A, INC., FL445
National Board, State, Province and Endorsements

Date 05/11/2015

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

1. Owner Southern Nuclear Operating Company Date 4/30/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address
WO#: SNC555666
Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
 Expiration N/A
 Date
 4. Identification of System E13, Containment Spray System, Q1E13SNUBBCSR294, 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRRAULIC SNUBBER | ITT GRINNELL | 26729T | N/A | PO: 10323 | 1983 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39495 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: C092050401 Rev. 3.0
Applicable Manufacturer's Data Reports to be attached

SNC555666

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.

| | | | |
|----------------------------------|------------|-----------------|------------|
| Type Code Symbol Stamp | <u>N/A</u> | | |
| Certificate of Authorization No. | <u>N/A</u> | Expiration Date | <u>N/A</u> |

Signed Ronald Williams Manufacturing Support Manager Date 5-1-15
 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 HSB Global Standards of Hartford, CT
have inspected the components described in this Owner's Report during the period 02/23/2015
to 05/20/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 12603A1NC, FL445
 Inspector's Signature National Board, State, Province and Endorsements
 Date 05/20/2015

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

1. Owner Southern Nuclear Operating Company Date 4/27/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
 Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC555675
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
 Address Expiration No.
 Date N/A
4. Identification of System E21, Chemical Volume Control System, Q1E21SNUBBCVCR152, 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRAULIC SNUBBER | ITT GRINNELL | 14678 | N/A | PO: 20825 | 1983 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39479 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: C092099701 Rev. 4.0
Applicable Manufacturer's Data Reports to be attached

SNC555675

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald Williams
RH/NDH Mauro Specter
 Owner or Owner's Designee, Title

Date

5-1-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 02/02/2015 to 05/20/2015 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A INC, FL445
 National Board, State, Province and Endorsements

Date 05/20/2015

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: 4/28/2015

Sheet 1 of 2

Unit FNP Unit 1

WO# SNC 555690

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, Chemical Volume Control System, Q1E21SNUBBCVCR222, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | ITT Grinnell | 15516 | N/A | FNP222 | 1977 | Removed | No |
| Hydraulic Snubber | Anvil | 39486 | N/A | SNA 10090817 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled uparade per ED C092099701

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Conformance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC555690

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 Mnt + Spt Mgr Date 5-1-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/02/2015 to 05/14/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

RONEY SENN Roney Senn
Inspector's Signature

Commissions 12603A INC, FL445
National Board, State, Province and Endorsements

Date 05/14/2015

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

1. Owner Southern Nuclear Operating Company Date 4/27/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Name Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
 WO#: SNC555691
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 Stamp
 Name Authorization N/A
 No. Expiration N/A
 Date
 Address
 4. Identification of System E21, Chemical Volume Control System, Q1E21SNUBBCVCR264, 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRUALIC SNUBBER | ITT GRINNELL | 15517 | N/A | PO: FNP-222 | 1977 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39475 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: C092099701 Rev. 4.0
Applicable Manufacturer's Data Reports to be attached

SNC555691

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald W. Williams
Mut Spt Mgr
 Owner or Owner's Designee, Title

Date

5-1-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/02/2015 to 05/14/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 SENAL
Rodney Senal
 Inspector's Signature

Commissions

12603A1NC, F-445
 National Board, State, Province and Endorsements

Date 05/14/2015

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: 4/21/2015

Sheet 1 of 2

Unit FNP Unit 1

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

WO# SNC 555692

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, High Head Safety Injection / CVCS, Q1E21SNUBBCVCR447, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | ITT Grinnel | 19016 | N/A | FNP2-29 | 1981 | Removed | No |
| | | | | | | | |
| Hydraulic Snubber | Anvil | 39500 | N/A | SNA10090817 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination, and Equivalency Determination C092099701 Rev.4.0

Applicable Manufacturer's Data Reports to be attached

WO# SNC555692

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] Rev. D. D. [Signature] Date 5-14-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/10/2015 to 05/27/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 [Signature] Commissions 12603A1XC, FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 05/27/2015

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: 5/2/2015

Sheet 1 of 2

Unit FNP Unit 1

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

WO# SNC 555693

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

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

4. Identification of System E21, High Head Safety Injection / Chemical Volume Control System, Q1E21SNUBBCVCSR515, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | ITT Grinnell | 14013 | N/A | 20825 | 1983 | Removed | No |
| | | | N/A | | | | |
| Hydraulic Snubber | Anvil | 39480 | N/A | SNA10090817 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade per Equivalency Determination C092099701

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC 555693

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.D. Hines Master Manager Date 5-20-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/07/2015 to 05/28/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 W.D. Hines
Inspector's Signature

Commissions 12603A NC, F-145
National Board, State, Province and Endorsements

Date 05/28/2015

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: 4/21/2015

Sheet 1 of 2

Unit FNP Unit 1

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

WO# SNC 555707

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, Residual Heat Removal / Low Head Safety Injection, Q1E11SNUBBRHRR99A, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | ITT Grinnel | 12675 | N/A | PO# 20825 | 1983 | Removed | No |
| Hydraulic Snubber | Anvil | 39501 | N/A | SNA10090817 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination, and Equivalency Determination C092533401 Rev.3.0
 Applicable Manufacturer's Data Reports to be attached
WO# SNC555707

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 Met Spt Mgr Date 5-1-15
 Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/10/2015 to 05/20/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 Seal Rodney Seal Commissions 12603411C, FL445
 Inspector's Signature National Board, State, Province and Endorsements
 Date 05/20/2015

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

1. Owner Southern Nuclear Operating Company Date 4/2/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Name Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
 WO#: SNC555708
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 Authorization N/A
 No. N/A
 Expiration Date
7388 N. State Hwy. 95, Columbia, AL. 36319
 Address
4. Identification of System P16, Service Water System, Q1P16SNUBBSW9R35, Class 3
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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRAULIC SNUBBER | ITT GRINNELL | 16999 | N/A | PO: FNP-222 | 1977 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39492 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: C092570501 Rev. 3.0
Applicable Manufacturer's Data Reports to be attached

SNC555708

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald W. Williams
Mat Spt Mgr
 Owner or Owner's Designee, Title

Date

5-1-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/24/2015 to 05/14/2015 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A INE, FL 445
 National Board, State, Province and Endorsements

Date 05/14/2015

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

1. Owner Southern Nuclear Operating Company Date 4/28/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Address
 Joseph M. Farley Nuclear Plant (FNP) Sheet 1 of 2
 Name
 7388 N. State Hwy 95, Columbia, AL 36319 Unit FNP UNIT 1
 Address
 WO#: SNC555709
 Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
 No. Expiration N/A
 Date
 Address
4. Identification of System P17, Component Cooling Water System, Q1P17SNUBBCCWR380, Class 3
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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRAULIC SNUBBER | ITT GRINNELL | 13685 | N/A | PO: FNP2-29 | 1981 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39477 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: C091933501 Rev. 4.0
Applicable Manufacturer's Data Reports to be attached

SNC555709

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald Williams

RH/WRM

Met Spt Mgr

Owner or Owner's Designee, Title

Date

5-1-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT

have inspected the components described in this Owner's Report during the period 03/31/2015 to 06/09/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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, INC, FL 445

National Board, State, Province and Endorsements

Date

06/09/2015

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: 4/28/2015
Sheet 1 of 2
Unit FNP Unit 1

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

WO# SNC 555710
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 E13, Containment Spray System, Q1E13SNUBBCSR142A, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | ITT Grinnell | CSR-142 | N/A | FNP222 | 1974 | Removed | No |
| | | | | | | | |
| Hydraulic Snubber | Anvil | 39502 | N/A | SNA 10090817 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade per ED C092050401

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Conformance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC555710

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 Mnt Spt Mgr Date 5-1-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/30/2015 to 05/14/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A/NC, FL 4/5
National Board, State, Province and Endorsements

Date 05/14/2015

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: 4/28/2015

Sheet 1 of 2

Unit FNP Unit 1

WO# SNC 555711
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 E13, Containment Spray, Q1E13SNUBBCSR142B, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | ITT Grinnell | 17824 | N/A | FNP-222 | 1974 | Removed | No |
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| Hydraulic Snubber | Anvil | 39505 | N/A | SNA10090817 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade per Equivalency Determination C092050401.

8. Test Conducted:

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

FORM NIS-2 (Back)

2 of 2

9. Remarks Certificate of Compliance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC555711

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 ALISA L. Rowland Maintenance Support Manager Date 4-28-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/30/2015 to 05/11/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 12603A1NC, FL445
National Board, State, Province and Endorsements

Date 05/11/2015

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: 4/28/2015
Sheet 1 of 2
Unit FNP Unit 1

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

WO# SNC 555713
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 E21, CVCS, Q1E21SNUBBCVCR281, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | ITT Grinnell | 22381 | N/A | FNP2-29 | 1977 | Removed | No |
| Hydraulic Snubber | Anvil | 39485 | N/A | SNA10090817 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade per Equivalency Determination C092099701

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

9. Remarks Certificate of Compliance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC555713

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 R. Williams Ronald Williams Maintenance Support Manager Date 4-28-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/24/2015 to 05/12/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Donkey SEN
Inspector's Signature

Commissions 12603A.NC, FL475
National Board, State, Province and Endorsements

Date 05/12/2015

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

1. Owner Southern Nuclear Operating Company Date 2/27/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Name Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
 WO#: SNC555716
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 Stamp
 Name Authorization N/A
 No. Expiration N/A
 Date Address
 4. Identification of System E11, Residual Heat Removal, Q1E11SNUBBRHR6R58, 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 ED/ 2003 ADD
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRAULIC SNUBBER | ITT GRINNELL | 15529 | N/A | PO: FNP2-29 | 1981 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39484 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Exam, Equivalency Determination: C092533401
Applicable Manufacturer's Data Reports to be attached

SNC555716

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Sam Jones SA M Jones Maintenance Manager
 Owner or Owner's Designee, Title

Date

3/5/15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT

have inspected the components described in this Owner's Report during the period 02/17/2015 to 03/17/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions

12603A INC, FL445

National Board, State, Province and Endorsements

Date

03/17/2015

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

1. Owner Southern Nuclear Operating Company Date 6/4/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC555717
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
Expiration N/A
Date
4. Identification of System E11, Residual Heat Removal, Q1E11SNUBBRHR6R68, 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 ED/ 2003 ADD
(c) Applicable Section XI Code Case(s) N/A


6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRAULIC SNUBBER | ITT GRINNELL | 26724T | N/A | PO: 10323 | 1982 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39498 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Exam, Equivalency Determination: C092533401 Rev. 3.0
Applicable Manufacturer's Data Reports to be attached
SNC555717

| CERTIFICATE OF COMPLIANCE | | | |
|--|--|-----------------|---------------|
| We certify that the statements made in the report are correct and that this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | Expiration Date | N/A |
| Signed |  <u>Owner or Owner's Designee, Title</u> | | |
| | | Date | <u>6-9-15</u> |

| CERTIFICATE OF INSERVICE INSPECTION | | | |
|---|--|--|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> | | | |
| <u>have inspected the components described in this Owner's Report during the period</u> <u>03/02/2015</u> | | | |
| <u>to</u> <u>06/12/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | | | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | | | |
| <u>RODNEY SENNA</u> <u>Inspector's Signature</u> | | <u>Commissions</u> <u>12603A, NC, FL445</u> <u>National Board, State, Province and Endorsements</u> | |
| Date <u>06/12/2015</u> | | | |

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

1. Owner Southern Nuclear Operating Company Date 4/27/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Name Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Name Address
 WO#: SNC555719
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 Authorization N/A
 No. Expiration Date N/A
7388 N. State Hwy. 95, Columbia, AL. 36319
 Address
 4. Identification of System E21, Chemical Volume Control System, Q1E21SNUBBSIR62, 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRUALIC SNUBBER | ITT GRINNELL | 13919 | N/A | PO: 20825 | 1983 | REMOVED | NO |
| | | | | | | | |
| HYDRAULIC SNUBBER | ANVIL | 39481 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: C101300501 Rev. 2.0.
Applicable Manufacturer's Data Reports to be attached

SNC555719

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald Williams
Ronald Williams Mgt Spt Mgr
 Owner or Owner's Designee, Title

Date

5-1-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/17/15 to 05/20/2015 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A1NC, FL445
 National Board, State, Province and Endorsements

Date 05/20/2015

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

1. Owner Southern Nuclear Operating Company Date 4/21/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC555718
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
Expiration Date N/A
4. Identification of System E11, Residual Heat Removal, Q1E11SNUBBRHRR110, 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 ED / 2003 Add.
(c) Applicable Section XI Code Case(s) N/A

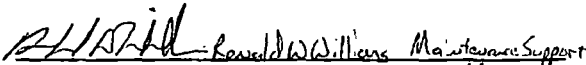
6. Identification Of Components


| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRRAULIC SNUBBER | ITT GRINNELL | 26735T K7668 | N/A | PO: 10323 | 1983 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39491 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled Upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: C092533401 Rev. 3.0
Applicable Manufacturer's Data Reports to be attached
SNC555718

| CERTIFICATE OF COMPLIANCE | | | |
|--|--|-----------------|---------------------|
| We certify that the statements made in the report are correct and that this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | Expiration Date | N/A |
| Signed |  Owner or Owner's Designee, Title <u>Maintenance Support Manager</u> | | Date <u>4-28-15</u> |

| CERTIFICATE OF INSERVICE INSPECTION | | | |
|---|--|--|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> | | | |
| have inspected the components described in this Owner's Report during the period <u>04/10/2015</u> to <u>05/12/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | | | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | | | |
|  Inspector's Signature | | Commissions <u>12603A INC, FL445</u> National Board, State, Province and Endorsements | |
| Date <u>05/12/2015</u> | | | |

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

1. Owner Southern Nuclear Operating Company Date 4/2/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
 Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC555721
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
 Address No.
 Expiration N/A
 Date
4. Identification of System P16, Chemical Volume Control System, Q1E21SNUBBSIR68, 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRRAULIC SNUBBER | ITT GRINNELL | 19211 | N/A | PO: 20825 | 1983 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39476 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: C101300501 Rev. 2.0
Applicable Manufacturer's Data Reports to be attached

SNC555721

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald W. Williams
Met-Spt Mgr
 Owner or Owner's Designee, Title

Date

5-1-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/24/2015 to 05/13/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 12603A1NC, FL445
 National Board, State, Province and Endorsements

Date 05/13/2015

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

1. Owner Southern Nuclear Operating Company Date 4/25/2015
40 Inverness Cir Pkwy, Birmingham, AL, 35242
 Name
 Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Sheet 1 of 2
7388 N. State Hwy 95, Columbia, AL 36319 Unit FNP UNIT 1
 Name
 Address
 WO#: SNC555723
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 Authorization N/A
 No. N/A
 Expiration Date
 Address
 4. Identification of System E21, Chemical Volume Control System, Q1E21SNUBBSIR11B, Class 1
 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------------|--------------------|----------------------------|------------|----------------------------------|-------------------------------|
| HYDRRAULIC SNUBBER | ITT GRINNELL | 12095 | N/A | PO: FNP-222 | 1977 | REMOVED | NO |
| LOAD STUD NUT | MACKSON | N/A | N/A | HT: M82491 PO: QP040363 | 2004 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39506 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: C101300501 Rev. 2.0.
Applicable Manufacturer's Data Reports to be attached

SNC555723

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.

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

Signed Ronald Williams, Maintenance Support Manager Date 4-28-15
 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 HSB Global Standards of Hartford, CT
04/05/2015 have inspected the components described in this Owner's Report during the period 05/12/2015 to 05/12/2015 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 A1c, Fld 45
 Inspector's Signature National Board, State, Province and Endorsements

Date 05/12/2015

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

- | | | | | |
|----|---|---|-------------------|---|
| 1. | Owner | <u>Southern Nuclear Operating Company</u> Name <u>40 Inverness Ctr Pkwy, Birmingham, AL, 35242</u> Address | Date | <u>2/27/2015</u> |
| 2. | Plant | <u>Joseph M. Farley Nuclear Plant (FNP)</u> Name <u>7388 N. State Hwy 95, Columbia, AL 36319</u> Address | Sheet | <u>1</u> of <u>2</u> |
| 3. | Work Performed by | <u>FNP Maintenance Department</u> Name <u>7388 N. State Hwy. 95, Columbia, AL. 36319</u> Address | Unit | <u>FNP UNIT 1</u> <u>WO#: SNC555726</u> Repair/Replacement Organization P.O. No., Job No., etc. |
| 4. | Identification of System | <u>P16, Service Water, Q1P16SNUBBSW439R80, Class 3</u> | Type Code Symbol | <u>N/A</u> |
| 5. | (a) Applicable Construction Code | <u>AISC 1969</u> | Stamp | <u>N/A</u> |
| | (b) Applicable Edition of Section XI Used for Repair/Replacement Activity | <u>2001 ED/ 2003 ADD</u> | Authorization No. | <u>N/A</u> |
| | (c) Applicable Section XI Code Case(s) | <u>N/A</u> | Expiration Date | <u>N/A</u> |

6. Identification Of Components

[illegible]

7. Description of Work Replaced snubber as a scheduled upgrade.
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8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Exam, Equivalency Determination: C092570501
Applicable Manufacturer's Data Reports to be attached

SNC555726

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.

Type Code Symbol Stamp N/A

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

Signed Sam Jones Date 3/5/15
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 HSB Global Standards of Hartford, CT
have inspected the components described in this Owner's Report during the period 02/18/2015
to 05/20/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 Seal Commissions 12603A1NC, FL445
Inspector's Signature National Board, State, Province and Endorsements
 Date 05/20/2015

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: 4/28/2015

Sheet 1 of 2

Unit FNP Unit 1

WO# SNC 555727

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 G24, Steam Generator Blowdown Treatment System, Q1G24SNUBBSS4586, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | Lisega | 61287/67 | N/A | QP95277 | 1993 | Removed | No |
| Hydraulic Snubber | Lisega | 31400822/009 | N/A | SNA10096059 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Conformance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC555727

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 5-1-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/30/2015 to 05/14/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 12603A INC, FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 05/14/2015

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

1. Owner Southern Nuclear Operating Company Date 4/30/2015
 Name
 40 Inverness Cir Pkwy, Blrmingham, AL, 35242 Sheet 1 of 2
 Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC555733
 Address Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
 Address No. Expiration N/A
 Date
 4. Identification of System G24, Steam Generator Blowdown System, Q1G24SNUBBSS4581D, 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|--------------------------------|------------|----------------------------------|-------------------------------|
| ADAPTER PLATE | LISEGA | A1115-4 | N/A | PO: QP040462 | 2004 | REMOVED | NO |
| PIVOT MOUNT | PSA | *506 | N/A | PO: FNP-222 | 1976 | REMOVED | NO |
| | | | | | | | |
| SNUBBER PADDLE | LISEGA | N/A | N/A | TRACE: A3NH PO: SNA10096175 | 2014 | INSTALLED | NO |
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7. Description of Work CHANGED PSA REAR BRACKET TO LISEGA PIVOT MOUNT DUE TO PISTON ROD LENGTH REQUIREMENTS.

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

FORM NIS-2 (Back)

9. Remarks

Certificate of Compliance, VT-3 Examination.

Applicable Manufacturer's Data Reports to be attached

SNC555733

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald W. Williams
Owner or Owner's Designee, Title Msmt Manager

Date

5-20-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/14/2015 to 05/28/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 12603A, NC, FL445
National Board, State, Province and Endorsements

Date 05/28/2015

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: 5/4/2015

Sheet 1 of 2

Unit FNP Unit 1

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

WO# SNC 555746

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, High Head Safety Injection / Chemical Volume Control System, Q1E21SNUBBSS4059B, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | Lisega | 61287/53 | N/A | QP950277 | 1993 | Removed | No |
| Hydraulic Snubber | Lisega | 31400822/042 | N/A | SNA10096059 | 2014 | Installed | No |
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7. Description of Work Replaced hydraulic snubber as a scheduled upgrade.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificates of Compliance, VT-3 Examinations

Applicable Manufacturer's Data Reports to be attached

WO# SNC 555746

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] Plant Manager Date 5-20-15
Rodney D. Smith Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/05/2015 to 05/28/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
 Inspector's Signature

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

Date 05/28/2015

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

1. Owner Southern Nuclear Operating Company Date 4/24/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
 Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC555748
 Address Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
 No. Expiration N/A
 Date
 Address
 4. Identification of System E21, Chemical and Volume Control System, Q1E21SNUBBSS4059C; 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A
 6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRRAULIC SNUBBER | LISEGA | 61287/73 | N/A | PO: QP950277 | 1993 | REMOVED | NO |
| | | | | | | | |
| HYDRAULIC SNUBBER | LISEGA | 31400822/045 | N/A | PO: SNA10096059 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination.
Applicable Manufacturer's Data Reports to be attached

SNC555748

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.

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

Signed Ronald W. Williams, RWP/MLL, Maintenance Support Manager Date 4-28-15
 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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/05/2015 to 05/12/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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, Rodney Sene Commissions 12603A, Inc, F4445
 Inspector's Signature National Board, State, Province and Endorsements
 Date 05/12/2015

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

1. Owner Southern Nuclear Operating Company Date 4/25/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319
 Address
 WO#: SNC555759
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 Authorization N/A
 No.
 Expiration N/A
 Date
 Address
 7388 N. State Hwy. 95, Columbia, AL 36319
 4. Identification of System B21, Steam Generator, Q1B21SNUBBFT414C, Class 1
 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| MECHANICAL SNUBBER | PSA | 1968 | N/A | PO: FNP-222 | 1973 | REMOVED | NO |
| HYDRAULIC SNUBBER | LISEGA | 31400822/044 | N/A | PO: SNA10096059 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: S-96-0-00225-ED
Applicable Manufacturer's Data Reports to be attached
SNC555759

| CERTIFICATE OF COMPLIANCE | | | |
|--|--|-----------------|---------------------|
| We certify that the statements made in the report are correct and that this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | <u>N/A</u> | | |
| Certificate of Authorization No. | <u>N/A</u> | Expiration Date | <u>N/A</u> |
| Signed | <u>[Signature]</u> Owner or Owner's Designee, Title | | Date <u>4-28-15</u> |

| CERTIFICATE OF INSERVICE INSPECTION | | | |
|---|--|--|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> | | | |
| have inspected the components described in this Owner's Report during the period <u>04/10/2015</u> | | | |
| to <u>05/20/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | | | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | | | |
| <u>RODNEY SENE</u> Inspector's Signature | | Commissions <u>12603 AINC, FL445</u> National Board, State, Province and Endorsements | |
| Date <u>05/20/2015</u> | | | |

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: 4/28/2015
Sheet 1 of 2
Unit FNP Unit 1

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

WO# SNC 555760
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 E21, Chemical Volume Control System, Q1E21SNUBBSS4819, Class 2

5. (a) Applicable Construction Code ASCE - 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | Lisege | 99614390/49 | N/A | QP000283 | 1993 | Removed | No |
| Hydraulic Snubber | Lisege | 31400822/038 | N/A | SNA10096059 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade

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

FORM NIS-2 (Back)

9. Remarks Certificate of Conformance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC555760

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 MTSgt Mgr Date 5-1-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/31/2015 to 05/14/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A1NC, F-445
National Board, State, Province and Endorsements

Date 05/14/2015

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

1. Owner Southern Nuclear Operating Company Date 4/27/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319
 Address
 WO#: SNC555761
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 Authorization N/A
 No.
 Expiration N/A
 Date
 7388 N. State Hwy. 95, Columbia, AL. 36319
 Address
 4. Identification of System P17, Component Cooling Water, Q1P17SNUBBSS4884, Class 3
 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| HYDRUALIC SNUBBER | PSA | 759 | N/A | PO: FNP-222 | 1973 | REMOVED | NO |
| HYDRAULIC SNUBBER | LISEGA | 31400822/037 | N/A | PO: SNA10096059 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: S-96-0-00225-ED
Applicable Manufacturer's Data Reports to be attached

SNC555761

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

[Signature]

Ronald W. Williams Must Sign May 1
 Owner or Owner's Designee, Title

Date

5-1-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/31/2015 to 05/13/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions

12603 AIN c, FL 445

National Board, State, Province and Endorsements

Date

05/13/2015

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

1. Owner Southern Nuclear Operating Company Date 4/21/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name WO#: SNC555790
7388 N. State Hwy 95, Columbia, AL 36319 Repair/Replacement Organization P.O. No., Job No., etc.
Address
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
Expiration Date N/A
4. Identification of System G24, Steam Generator Blowdown Treatment System, Q1G24SNUBBSS2040, 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 ED / 2003 Add.
(c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------------|--------------------|---------------------------------|------------|----------------------------------|-------------------------------|
| MECHANICAL SNUBBER | PSA | 322 | N/A | PO: FNP-222 | 1976 | REMOVED | NO |
| HEX BOLT | PACIFIC SCIENTIFIC | *322 | N/A | PO: FNP-222 | 1976 | REMOVED | NO |
| LOAD STUD NUT | PACIFIC SCIENTIFIC | UNK | N/A | PO: QP6915 | 1991 | REMOVED | NO |
| LOAD STUD | PACIFIC SCIENTIFIC | N/A | N/A | HT: N2916A PO: QP5308 | 1990 | REMOVED | NO |
| HYDRAULIC SNUBBER | LISEGA | 31000519/044 | N/A | PO: SNA10058521 | 2014 | INSTALLED | NO |
| HEX BOLT | NOVA | N/A | N/A | HT: 05T7 PO: SNA36051-0075 | 2014 | INSTALLED | NO |
| LOAD STUD NUT | ANVIL EPS | N/A | N/A | LOT#: 220625 PO: SNA10082179 | 2014 | INSTALLED | NO |
| LOAD STUD | MAXSON INCORPORATED | N/A | N/A | HT: G10506 PO: QP050640 | 2005 | INSTALLED | NO |
| | | | | | | | |

7. Description of Work Replaced snubber as a scheduled Upgrade.

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: S96-0-0225, Rev.1.0
Applicable Manufacturer's Data Reports to be attached

SNC555790 * S/N: 322 represents the serial number for the snubber assembly.

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed Ronald Williams RUWILL Maintenance Support Manager
 Owner or Owner's Designee, Title

Date 4-28-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/06/2015 to 05/20/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 SERRA Rodney Serra
 Inspector's Signature

Commissions 12603A1NC, FL445
 National Board, State, Province and Endorsements

Date 05/20/2015

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: 4/28/2015

Sheet 1 of 2

Unit FNP Unit 1

WO# SNC 556283

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, Chemical Volume Control System, Q1E21SNUBBSS4133B, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | Lisega | 61287/60 | N/A | QP95-0277 | 1993 | Removed | No |
| Hydraulic Snubber | Lisega | 31400822/030 | N/A | SNA10096059 | 2014 | Installed | No |
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7. Description of Work Replaced snubber as a scheduled upgrade

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks Certificate of Conformance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC556283

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 Mgt Spt Mgr Date 5-1-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 02/31/2015 to 05/14/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 SENW [Signature] Commissions 12603A INC, FL445
Inspector's Signature National Board, State, Province and Endorsements

Date 05/14/2015

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: 5/9/2015

Sheet 1 of 2

Unit FNP Unit 1

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

WO# SNC SNC566968
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, Q1N11V003F, Class 2

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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Valve Bonnet | Velan | 4939 | N/A | FNP2-21 | 1976 | Removed | No |
| Valve Bonnet | Velan | 17886 | N/A | QP090475 | 2009 | Installed | No |
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7. Description of Work Replaced valve bonnet.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks N-2 Data Report

Applicable Manufacturer's Data Reports to be attached

WO# SNC566968

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 O'Hare Marine Manager Date 5-14-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/28/2015 to 06/08/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 [Signature] Commissions 12603A1NC, F2445
Inspector's Signature National Board, State, Province and Endorsements
Date 06/08/2015

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

1. Owner Southern Nuclear Operating Company Date 06/22/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address WO#: SNC580719
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by Williams Power Services Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No. Expiration Date N/A
 4. Identification of System Q1G31V033A & Q1G31V033B Code Class 2
 5. (a) Applicable Construction Code Section III 1971 Edition, Summer 1972 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition 2003 Addenda
 (c) Applicable Section XI Code Case(s) NA
 6. Identification Of Components

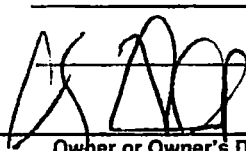
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------|--------------------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| VALVE, 2" | VALVE TECHNOLOGIES | 14105160 | NA | SNA10076655 | 2014 | INSTALLED | YES |
| VALVE, 2" | VALVE TECHNOLOGIES | 14105161 | NA | SNA10076655 | 2014 | INSTALLED | YES |
| PIPE, 2" | SANDVIK MATERIALS TECHNOLOGY | HT#519775 | NA | QP090652 | 2007 | INSTALLED | NO |
| RESTRAINT, 2" | BIRMINGHAM STEEL CORP. | HT#517637 | NA | QP2306 | 1988 | INSTALLED | NO |
| ELBOW, 2" | ALLOY STAINLESS PRODUCTS, INC. | HT#207150 | NA | QP110443 | 1999 | INSTALLED | NO |
| CLAMP, 2" | KLOECKNER METALS | HT# 3506117 | NA | SNA31372-0192 | 2014 | INSTALLED | NO |
| ELBOW, 2" | BONNEY FORGE | 44027 | NA | QP110330 | 2010 | INSTALLED | NO |
| COUPLING, 2" | BONNEY FORGE | 7543 | NA | QP090180 | 2006 | INSTALLED | NO |
| ANGLE 4X4X1/4 | NORTHWESTERN STEEL & WIRE | HT# 83367 | NA | QP070696 | 2007 | INSTALLED | NO |
| TUBE STEEL 3X3X1/4 | ENERGY PROCESS CORP | HT# B313100 | NA | SNA31372-0192 | 2013 | INSTALLED | NO |
| PLATE 3/4" A36 | NORTHWESTERN STEEL & WIRE | HT# B2X9207 | NA | SNA31607-0002 | 2013 | INSTALLED | NO |
| PLATE 1/4" A36 | CONSOLIDATED PIPE & SUPPLY | HT# B1R6532 | NA | SNA10017456 | 2011 | INSTALLED | NO |


7. Description of Work Valve Replacement per DCP SNC524957 WO# SNC580719

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

FORM NIS-2 (Back)

9. Remarks NPV-1 FORM, Certificate of Compliance, CMTRs, VT-2 Examination, DCP524957, WO# SNC580719
Applicable Manufacturer's Data Reports to be attached

| CERTIFICATE OF COMPLIANCE | | | |
|--|--|-----------------|----------------|
| We certify that the statements made in the report are correct and that this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol | N/A | | |
| Stamp | | | |
| Certificate of Authorization No. | N/A | Expiration Date | N/A |
| Signed |  Owner or Owner's Designee, Title | Date | 7/8/15 |
| | MANAGER SITE PROJECTS | | Chris Thornell |

| CERTIFICATE OF INSERVICE INSPECTION | |
|---|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> | |
| _____ have inspected the components described in this Owner's Report during the period <u>10/06/2014</u> | |
| _____ to <u>07/21/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | |
|  Inspector's Signature | Commissions <u>12603A INC, FL445</u> National Board, State, Province and Endorsements |
| Date <u>07/21/2015</u> | |

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

1. Owner Southern Nuclear Operating Company Date 02/04/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address
DCP SNC 467134, WO# SNC595300
Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
(WILLIAMS) Stamp
Name Authorization N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 No.
Address Expiration N/A
 Date
 4. Identification of System N23, AUXILIARY FEEDWATER SYSTEM, AFW-A11, CLASS 3
 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) |
|-------------------------------|-----------------------|-------------------------|--------------------|--------------------------------------|------------|----------------------------------|-------------------------------|
| 3/8"x7" ROLLED PLATE (SADDLE) | NOVA MACHINE PRODUCTS | N/A | NA | SNA36051-0101 HT#4504999 | 2015 | INSTALLED | NO |
| 3 1/2" PIPE | U.S. STEEL | N/A | NA | SNA33232-0336 HT#HA0921 | 2014 | INSTALLED | NO |
| 1/2" PLATE | SABEL STEEL | N/A | N/A | SNA10088779 SCM-CGDP-126 HT# 238019 | 2014 | INSTALLED | NO |
| TUBE STEEL 5"x5"x5/16" | SOUTHLAND TUBE | N/A | N/A | QP100442 HT# A46150 | 2008 | INSTALLED | NO |
| 3/4" PLATE | NUCOR | N/A | N/A | SNA31710-0087 SCM-CGDP-126 HT# 2R706 | 2014 | INSTALLED | NO |
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7. Description of Work SUPPORT MODIFIED per DCP 467134 AND WO# 595300, AFW-A11

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

FORM NIS-2 (Back)

9. Remarks SUPPORT MODIFIED per DCP 467134 AND WO# 595300, SS110902, SCM-CGDP-126, SAM FLEX PROJECT

Applicable Manufacturer's Data Reports to be attached

VT3 EXAMINATION PERFORMED

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol
Stamp

N/A

Certificate of
Authorization No.

N/A

Expiration Date

N/A

Signed

Kenneth W. Baity

Date

6/5/15

Kenneth W. Baity Site Design Manager
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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 12/11/2014 to 06/05/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A1NC, FL445

National Board, State, Province and Endorsements

Date

06/05/2015

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

1. Owner Southern Nuclear Operating Company Date 7/29/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319
 Address
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
 Address Expiration No.
 Date N/A
4. Identification of System P17, COMPONENT COOLING WATER, Q1P17V0149B, 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 ED, 2003 ADD
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------------------|--------------------------|-------------------------|--------------------|---------------------------|------------|----------------------------------|-------------------------------|
| 1" X 1 1/2" RELIEF VALVE DISC | J.E. LONERGAN CO. | G5920 | N/A | PO: FNP-286 | 1972 | REMOVED | NO |
| 1" X 1 1/2" RELIEF VALVE DISC | ANCHOR/DARLING VALVE CO. | N/A | N/A | HT: 824706 PO: QP-4323 | 1990 | INSTALLED | NO |
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7. Description of Work REPLACE VALVE DISC DUE TO LEAK-BY

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

FORM NIS-2 (Back)

9. Remarks CERTIFICATE OF COMPLIANCE, VT-2 EXAMINATION, NV-1 FORM,
Applicable Manufacturer's Data Reports to be attached

SNC595307

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

AMEE GRAY
Owner or Owner's Designee, Title

Date

7/29/15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 08/13/2014 to 05/20/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A INC, FL445

National Board, State, Province and Endorsements

Date

07/29/2015

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

1. Owner Southern Nuclear Operating Company Date 6/8/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address
WO#: SNC595865
Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
 Expiration N/A
 Date
4. Identification of System N23, Auxiliary Feedwater System, Q1N23P001A, Class 3
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Summer 1971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|---------------------------|---------------------------|-------------------------|--------------------|--|------------|----------------------------------|-------------------------------|
| 1 1/4" SCHED. 80 PIPE | UNITED STATES STEEL CORP. | N/A | N/A | HT: 2P4572 PO: FNP2-35 | 1976 | REMOVED | NO |
| 1 1/4" UNION (2) | ALLOY STAINLESS | N/A | N/A | HT: 09802, 65736, 30121 PO: FNP2-35 | 1976 | REMOVED | NO |
| 1 1/4" 90 DEG. ELBOWS (2) | LADISH CO | N/A | N/A | HT: 45880 PO: FNP2-35 | 1976 | REMOVED | NO |
| 1 1/4" SCHED. 80 PIPE | WALSIN | N/A | N/A | HT: 3X902 PO: SNA31372-0208 | 2014 | INSTALLED | NO |
| 1 1/4" UNION | BONNEY FORGE | N/A | N/A | HT: MALE: 7518, NUT: 7549, FEMALE: 7520 PO: SNA33232-0295 | 2014 | INSTALLED | NO |
| 1 1/4" 90 DEG. ELBOWS (2) | CAMCO | N/A | N/A | HT: EH PO: SNA31710-0109 | 2014 | INSTALLED | NO |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

7. Description of Work Pipe and fittings replaced as part of a Minor Design Change Package.

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

FORM NIS-2 (Back)

9. Remarks Statement of Conformance, N-2 Form, VT-2 Examination. MDC: SNC558042
Applicable Manufacturer's Data Reports to be attached

SNC595865

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.

Type Code Symbol Stamp N/A

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

Signed

Ronald Williams MSM
 Owner or Owner's Designee, Title

Date 6-9-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT
have inspected the components described in this Owner's Report during the period 02/17/2015
to 07/30/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603 A, NC, FL 445
 National Board, State, Province and Endorsements

Date 07/30/2015

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

1. Owner Southern Nuclear Operating Company Date 6/8/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Name
 Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Name
 Address
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 Stamp
 Name Authorization N/A
 No. Expiration N/A
 Date
4. Identification of System N23, Auxiliary Feedwater System, Q1N23P001B, Class 3
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Summer 1971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|---------------------------|------------------------|-------------------------|--------------------|---|------------|----------------------------------|-------------------------------|
| 1 1/4" SCHED. 80 PIPE | ALLEGHENY LUDLUM STEEL | N/A | N/A | HT: 2P4572 PO: FNP2-35 | 1976 | REMOVED | NO |
| 1 1/4" UNION (2) | ALLOY STAINLESS | N/A | N/A | HT: 09802 PO: FNP235 | 1976 | REMOVED | NO |
| 1 1/4" 90 DEG. ELBOWS (2) | LADISH CO | N/A | N/A | HT: 45880 PO: FNP2-35 | 1976 | REMOVED | NO |
| 1 1/4" SCHED. 80 PIPE | SCHOELLER BLECKMAN | N/A | N/A | HT: 035459 PO: SNA31372-0144 | 2014 | INSTALLED | NO |
| 1 1/4" UNION | STAINLESS PRODUCTS | N/A | N/A | HT: NUT: 19416, BODY: 85549 PO: QP-0022 | 1985 | INSTALLED | NO |
| 1 1/4" UNION | CAMCO | N/A | N/A | HT: MALE: FBI, FEMALE: FCE, NUT: IP PO: QP-0022 | 1985 | INSTALLED | NO |
| 1 1/4" 90 DEG. ELBOWS (2) | ALLOY STAINLESS | N/A | N/A | HT: ZL PO: 7047-Q-61585 | 1973 | INSTALLED | NO |
| | | | | | | | |
| | | | | | | | |

7. Description of Work Pipe and fittings replaced as part of a Minor Design Change Package.

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

FORM NIS-2 (Back)

9. Remarks Statement of Conformance, N-2 Form, VT-2 Examination. MDC: SNC558042
Applicable Manufacturer's Data Reports to be attached

SNC595867

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald Williams ^{MSM}
 Owner or Owner's Designee, Title

Date 6-9-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT
have inspected the components described in this Owner's Report during the period 02/17/2015
to 06/25/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Booney Senn
 Inspector's Signature

Commissions 12603A1NC, FL445
 National Board, State, Province and Endorsements

Date 06/25/2015

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

1. Owner Southern Nuclear Operating Company Date 03/26/15
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Sheet 1 of 2
Name Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
Address DCP SNC 467136, WO#: SNC 599493
Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
 Expiration N/A
 Date
 4. Identification of System E21, HHSI/CVCS SYSTEM, SS-1065, 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) |
|-------------------|----------------------|-------------------------|--------------------|--|------------|----------------------------------|-------------------------------|
| 1/2" PLATE | CARGILL INC. | N/A | N/A | SNA10088779 SCM-CGDP-126 HT # 238019 | 2014 | INSTALLED | NO |
| ANCHOR, 2" PIPE | ANVIL | N/A | N/A | SNA10099424 P/N 1297328 | 2011 | INSTALLED | NO |
| | | | | | | | |
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7. Description of Work SUPPORT MODIFIED PER WO SNC599493, DCP SNC467136, SS-1065

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

FORM NIS-2 (Back)

9. Remarks SUPPORT MODIFIED PER DCP 467136 AND WO # SNC599493, SS110902, DEDICATION PLAN : SCM-CGDP-126
Applicable Manufacturer's Data Reports to be attached

VT3 EXAMINATION PERFORMED

SAM/FLEX PROJECT New 6/5/2015

KP

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol
Stamp

N/A

Certificate of
Authorization No.

N/A

Expiration Date

N/A

Signed

Kenneth W. Baity
Kenneth W. Baity Site Design Manager
Owner or Owner's Designee, Title

Date

6/5/15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 12/11/2014 to 06/05/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 AINC, FL445
National Board, State, Province and Endorsements

Date 06/05/2015

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

1. Owner Southern Nuclear Operating Company Date 02/04/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address DCP SNC 467142, WO#: SNC 601311
Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
 Expiration N/A
 Date
 4. Identification of System Q1G31 U1 SFP COOLING, SCS-H762, CLASS 3
 5. (a) Applicable Construction Code AISC 1969 Edition, N/A 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) |
|---------------------------|----------------------|-------------------------|--------------------|----------------------------|------------|----------------------------------|-------------------------------|
| 1/2" PLATE | CARGILL INC. | N/A | N/A | SNA10088779 HT# 238019 | 2014 | INSTALLED | NO |
| 3/4" PLATE | EVRAZ INC. | N/A | N/A | SNA31710-0087 HT# 2R706 | 2012 | INSTALLED | NO |
| 4"X4"X1/4" TUBE STRUCTURE | SABEL STEEL | N/A | N/A | SNA10082837 HT#J40401R | 2014 | INSTALLED | NO |
| 3" PIPE STRAP | ANVIL EPS | N/A | N/A | SNA10099581 HT# JJ1248 | 2014 | INSTALLED | NO |
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7. Description of Work NEW SUPPORT INSTALLED PER WO SNC601311, DCP SNC467142, SS110902

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

FORM NIS-2 (Back)

9. Remarks SUPPORT # SCS-H762, 3"-HCC-107, DEDICATION PLAN : SCM-CGDP-126
Applicable Manufacturer's Data Reports to be attached

VT3 EXAMINATION PERFORMED

SNC601311

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol
Stamp

N/A

Certificate of
Authorization No.

N/A

Expiration Date

N/A

Signed

KEITH WOOTEN *Keith Wooten*

Date 3-27-15

Owner or Owner's Designee, Title SITE DESIGN MANAGER

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 12/11/2014 to 03/30/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A INC, FL445
National Board, State, Province and Endorsements

Date 03/31/2015

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

1. Owner Southern Nuclear Operating Company Date 6/15/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC602640
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
Expiration Date N/A
4. Identification of System E21, Chemical Volume Control System, Q1E21P002B, Class 2
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Summer 1972 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED, 2003 ADD.
(c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------------------|------------------------|-------------------------|--------------------|---|------------|----------------------------------|-------------------------------|
| PUMP CASING | PACIFIC PUMP | 46355 | N/A | PO: FNP-2 | 1976 | REMOVED | YES |
| OUTER SEAL HOUSING (OUTBOARD) | FLOWERVE | RLSA01678-5 | N/A | PO: QP040126 | 2001 | REMOVED | NO |
| PUMP CASING | HYDROAIRE SERVICES INC | 5476-01 | N/A | PO: QP060948 | 2007 | INSTALLED | YES |
| OUTER SEAL HOUSING (OUTBOARD) | FLOWERVE | N/A | N/A | HT: 42047 LOT: RLSA16522 PO: QP100782 | 2010 | INSTALLED | NO |
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7. Description of Work Replaced pump casing and seal housing per Minor Design Change

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

FORM NIS-2 (Back)

9. Remarks Certificate of Conformance, N-2 Form, VT-2 Examination, MDC: 348823, ED090092701 Rev. 3.0
Applicable Manufacturer's Data Reports to be attached

SNC602640

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

[Signature]
Owner or Owner's Designee, Title

Date

7/6/15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB GLOBAL STANDARDS of Hartford, CT have inspected the components described in this Owner's Report during the period 03/02/2015 to 07/21/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 12603A, PC, FL445
National Board, State, Province and Endorsements

Date 07/21/2015

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: 5/2/2015
Sheet 1 of 2
Unit FNP Unit 1

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

WO# SNC 633702
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

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

4. Identification of System E11, Residual Heat Removal / Low Head Safety Injection, Q1E11SNUBBRHRR93, 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| Hydraulic Snubber | ITT Grinnell | 22037 | N/A | FNP-222 | 1974 | Removed | No |
| Hydraulic Snubber | Anvil | 39610 | N/A | SNA10098417 | 2014 | Installed | No |
| | | | | | | | |
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7. Description of Work Replaced snubber as a scheduled upgrade per Equivalency Determination C092533401

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC 633702

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 Date 5-14-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/10/2015 to 05/27/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 12603A1NC, FL445
National Board, State, Province and Endorsements

Date 05/27/2015

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

1. Owner Southern Nuclear Operating Company Date 6/8/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Address Sheet 1 of 2
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Address WO#: SNC637037
Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 Stamp N/A
 Name N/A Authorization No. N/A
 Address N/A Expiration Date N/A
4. Identification of System P16, Service Water System, Q1P16-HBC-205-2, Class 3
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Summer 1971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A
6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|---------------------------------|------------|----------------------------------|-------------------------------|
| 6" PIPE | ITT GRINNELL | N/A | N/A | HT: 24136 PO: FNP-210 | 1973 | REMOVED | NO |
| 6" ELBOW | ITT GRINNELL | N/A | N/A | HT: UK3Y PO: FNP-210 | 1973 | REMOVED | NO |
| 6" WN FLANGE | ITT GRINNELL | N/A | N/A | HT: DGU PO: FNP-210 | 1973 | REMOVED | NO |
| 6" PIPE | US STEEL | N/A | N/A | HT: C65182 PO: SNA33232-0175 | 2013 | INSTALLED | NO |
| 6" ELBOW | TFA | N/A | N/A | HT: X054B PO: SNA31372-0034 | 2013 | INSTALLED | NO |
| 6" WN FLANGE | COFFER | N/A | N/A | HT: ZMF PO: SNA31372-0332 | 2015 | INSTALLED | NO |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

7. Description of Work Pipe and fittings replaced due to through wall leak.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, NPP-1 Form, VT-2 Examination. SS1109-02 Appendix A Table 30.
Applicable Manufacturer's Data Reports to be attached

SNC637037

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald Williams
 Owner or Owner's Designee, Title

Date

6-9-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 03/31/2015 to 06/25/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions

12603A1NC, FL 4c/5
 National Board, State, Province and Endorsements

Date

06/25/2015

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

1. Owner Southern Nuclear Operating Company Date 4/23/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC637465
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
Expiration Date N/A
4. Identification of System P16, Service Water System, Q1P16V005F, Class 3
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Winter 1971* Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED /2003 Add.
(c) Applicable Section XI Code Case(s) N/A
6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|--------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| 2" BALL VALVE BODY | BNL INDUSTRIES | **126A-2 | N/A | PO: QP070775 | 2008 | REMOVED | NO |
| 2" BALL VALVE DISK | BNL INDUSTRIES | **129A | N/A | PO: QP070775 | 2008 | REMOVED | NO |
| 2" BALL VALVE BODY | BNL INDUSTRIES | ***126A-1 | N/A | PO: QP070775 | 2008 | INSTALLED | NO |
| 2" BALL VALVE DISK | BNL INDUSTRIES | ***129A-1 | N/A | PO: QP070775 | 2008 | INSTALLED | NO |
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7. Description of Work Replaced valve body and Disk due to normal wear.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks NPV-1 Forms, VT-2 Exam,
Applicable Manufacturer's Data Reports to be attached
SNC637465 *with NB6111.1C of Winter 1972 Add.
** Parts from Valve S/N: A070809-1-38, *** Parts from Valve S/N: A070809-1-47

| CERTIFICATE OF COMPLIANCE | | | |
|--|---|-----------------|----------------|
| We certify that the statements made in the report are correct and that this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | Expiration Date | N/A |
| Signed | <u>Ronald W. Williams</u> Owner or Owner's Designee, Title | Date | <u>6-23-15</u> |

| CERTIFICATE OF INSERVICE INSPECTION | | | |
|---|--|----------------------------------|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> | | | |
| have inspected the components described in this Owner's Report during the period <u>04/16/2015</u> to <u>06/25/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | | | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | | | |
| <u>RODNEY SENN</u> Inspector's Signature | | <u>12603 AINC</u> Commissions | <u>F-445</u> National Board, State, Province and Endorsements |
| Date <u>06/25/2015</u> | | | |

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

1. Owner Southern Nuclear Operating Company Date 6/15/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242 Sheet 1 of 2
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319 WO#: SNC645570
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
Expiration Date N/A
4. Identification of System P16, Service Water System, Q1P16F501A, Class 3
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Winter 1971 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED/ 2003 ADD
(c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|---------------------------------|--------------------------|-------------------------|--------------------|-----------------------------------|------------|----------------------------------|-------------------------------|
| 3/4" STUDS (8) AND NUTS (16) | *S.P.KINNEY ENGINEERS | *5291 | *2077 | *PO: FNP-309 | *1974 | REMOVED | NO |
| 3/4" STUDS (8) | NOVA | N/A | N/A | HT: 10051400 PO: QP100879 | 2010 | INSTALLED | NO |
| 3/4" HEX NUTS (16) | DUBOSE NATIONAL | N/A | N/A | HT: 10098130 PO: SNA31710-0020 | 2013 | INSTALLED | NO |
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7. Description of Work Replaced due to normal wear.

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-2 Exam, Piping Specification: SS-1109-02, Appendix A Table 30
Applicable Manufacturer's Data Reports to be attached

SNC645570 * Original Studs and Nuts were provided as part of the strainer assembly. S/N: 5291 is for the strainer assembly.

| CERTIFICATE OF COMPLIANCE | | | |
|--|-------------------------------|-----------------|---------------|
| We certify that the statements made in the report are correct and that this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | Expiration Date | N/A |
| Signed | <u>Ronald W. Williams MSN</u> | Date | <u>7/6/15</u> |
| Owner or Owner's Designee, Title | | | |

| CERTIFICATE OF INSERVICE INSPECTION | | | |
|---|--|---|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> | | | |
| have inspected the components described in this Owner's Report during the period <u>03/31/2015</u> | | | |
| to <u>07/21/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | | | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | | | |
| <u>RODNEY SEAN</u> Inspector's Signature | | Commissions <u>1260341AC, FL445</u> National Board, State, Province and Endorsements | |
| Date <u>07/21/2015</u> | | | |

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

1. Owner Southern Nuclear Operating Company Date 6/8/2015
Name
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
Name
7388 N. State Hwy 95, Columbia, AL 36319
Address
WO#: SNC645669
Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
Name Stamp
7388 N. State Hwy. 95, Columbia, AL. 36319 Authorization N/A
Address No.
 Expiration N/A
 Date
4. Identification of System P16, Service Water System, Q1P16-HBC-205-4, Class 3
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Summer 1971 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A
6. Identification Of Components


| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|---------------------------------|------------|----------------------------------|-------------------------------|
| 6" PIPE | ITT GRINNELL | N/A | N/A | HT: 26504 PO: FNP-210 | 1973 | REMOVED | NO |
| 6" ELBOW | ITT GRINNELL | N/A | N/A | HT: UG3X PO: FNP-210 | 1973 | REMOVED | NO |
| 6" WN FLANGE | ITT GRINNELL | N/A | N/A | HT: DFE PO: FNP-210 | 1973 | REMOVED | NO |
| 6" PIPE | US STEEL | N/A | N/A | HT: C65182 PO: SNA33232-0175 | 2013 | INSTALLED | NO |
| 6" ELBOW | TFA | N/A | N/A | HT: N044R PO: QP030772 | 2003 | INSTALLED | NO |
| 6" WN FLANGE | COFFER | N/A | N/A | HT: ZMF PO: SNA31372-0332 | 2015 | INSTALLED | NO |
| | | | | | | | |
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7. Description of Work Pipe and fittings replaced due to through wall leak.

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

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, NPP-1 Form, VT-2 Examination. SS1109-02 Appendix A Table 30.
Applicable Manufacturer's Data Reports to be attached
SNC645669

| CERTIFICATE OF COMPLIANCE | | | |
|--|---|-----------------|--------------------|
| We certify that the statements made in the report are correct and that this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. | | | |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | Expiration Date | N/A |
| Signed |  <u>Ronald W. Williams MSM</u> Owner or Owner's Designee, Title | | Date <u>6-9-15</u> |

| CERTIFICATE OF INSERVICE INSPECTION | | | |
|---|--|--|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Florida</u> and employed by <u>HSB Global Standards</u> of <u>Hartford, CT</u> | | | |
| have inspected the components described in this Owner's Report during the period <u>03/31/2015</u> | | | |
| to <u>07/27/2015</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | | | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | | | |
|  <u>Rodney Senn</u> Inspector's Signature | | Commissions <u>12603A, INC, F445</u> National Board, State, Province and Endorsements | |
| Date <u>07/27/2015</u> | | | |

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

1. Owner Southern Nuclear Operating Company Date 5/26/2015
40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Name
 Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Name
 Address
 WO#: SNC647950
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 Authorization N/A
 No.
 Expiration Date N/A
7388 N. State Hwy. 95, Columbia, AL. 36319
 Address
 4. Identification of System P16, Service Water System, Q1P16V560, Class 3
 5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Summer 1972 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED /2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|---------------------|----------------------|-------------------------|--------------------|-----------------------------------|------------|----------------------------------|-------------------------------|
| 20" BUTTERFLY VALVE | HAMMEL-DAHL | 72-8475/050 | N/A | PO: FNP-269 | 1976 | REMOVED | YES |
| 1 -1/8" STUD (20) | UNK | UNK | N/A | UNK | UNK | REMOVED | NO |
| 1-1/8" NUTS (40) | UNK | UNK | N/A | UNK | UNK | REMOVED | NO |
| 20" BUTTERFLY VALVE | FISHER | BH3823-1 | 7558 | PO: QP080054 | 2008 | INSTALLED | YES |
| 1 -1/8" STUD (10) | NOVA | N/A | N/A | HT: 59412 PO: QP070180 | 2007 | INSTALLED | NO |
| 1 -1/8" STUD (30) | T&T ENTERPRISES | N/A | N/A | HT: DL12106944 PO: SNA10102625 | 2014 | INSTALLED | NO |
| 1-1/8" NUTS (40) | MACKSON | N/A | N/A | HT: M822391 PO: SNA10102625 | 2001 | INSTALLED | NO |
| | | | | | | | |
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7. Description of Work Replaced butterfly valve and bolting for DCP.

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

FORM NIS-2 (Back)

9. Remarks NPV-1 Forms, VT-2 Exam, Certificate of Compliance, DCP SNC647902
Applicable Manufacturer's Data Reports to be attached

SNC647950

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.

Type Code Symbol
Stamp

N/A

Certificate of
Authorization No.

N/A

Expiration Date

N/A

Signed

Kenneth W. Baity

Date

6/5/15

Site Design Manager
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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period nd / 20 / 2015 to 06/08/2015 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A, INC

Commissions FL 445

National Board, State,
Province and Endorsements

Date 06/08/2015

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

1. Owner Southern Nuclear Operating Company Date 6/8/2015
 Name
 40 Inverness Ctr Pkwy, Birmingham, AL, 35242
 Address
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
 Name
 7388 N. State Hwy 95, Columbia, AL 36319
 Address
 WO#: SNC651188
 Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
 Name Stamp
 Authorization N/A
 No.
 Expiration N/A
 Date
 7388 N. State Hwy. 95, Columbia, AL. 36319
 Address
 4. Identification of System B13, Reactor Coolant System, Q1B13SNUBBRCR37, Class 1
 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 ED / 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|-----------------------|------------|----------------------------------|-------------------------------|
| HYDRAULIC SNUBBER | ITT GRINNELL | 13773 | N/A | RC-R37 PO: FNP-222 | 1974 | REMOVED | NO |
| HYDRAULIC SNUBBER | ANVIL | 39478 | N/A | PO: SNA10090817 | 2014 | INSTALLED | NO |
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7. Description of Work Replaced snubber as a scheduled upgrade.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

FORM NIS-2 (Back)

9. Remarks Certificate of Compliance, VT-3 Examination. Equivalency Determination: C092313201 Rev. 4.0
Applicable Manufacturer's Data Reports to be attached

SNC651188

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald D. Williams MSN
 Owner or Owner's Designee, Title

Date

6-9-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/07/2015 to 06/12/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions

12603A INC, FL445
 National Board, State, Province and Endorsements

Date

06/12/2015

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

1. Owner Southern Nuclear Operating Company Date 5/1/2015
40 Inverness Cir Pkwy, Birmingham, AL, 35242
 Name
 Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP UNIT 1
7388 N. State Hwy 95, Columbia, AL 36319
 Name
 Address
3. Work Performed by FNP Maintenance Department Type Code Symbol N/A
7388 N. State Hwy. 95, Columbia, AL. 36319 Stamp
 Name Authorization N/A
 No. Expiration N/A
 Date
 Address
4. Identification of System P19, Instrument Air System, Q1P19HV3611, Class 2
5. (a) Applicable Construction Code ASME Sect. III 1971 Edition, Summer 1972 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED/2003 ADD
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes or No) |
|-------------------|----------------------|-------------------------|--------------------|----------------------------|------------|----------------------------------|-------------------------------|
| VALVE PLUG | FRASSE | N/A | N/A | HT: 1204478 PO: FNP2-52 | 1976 | REMOVED | NO |
| VALVE PLUG | CROSBY | K900056-31-0001 | N/A | PO: QP070339 | 2007 | INSTALLED | NO |
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7. Description of Work Replaced valve plug due to wear.

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

FORM NIS-2 (Back)

9. Remarks

Certificate of Compliance, NPV-1 Form, VT-2 Exam

Applicable Manufacturer's Data Reports to be attached

SNC653114

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.

Type Code Symbol Stamp

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

Ronald W. Hines MetMgt
Owner or Owner's Designee, Title

Date

3-14-15

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 4/20/2015 to 06/09/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions

12603A1NC, FL445
National Board, State, Province and Endorsements

Date

06/09/2015

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
Name

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

Date: 5/1/2015

Sheet 1 of 2

Unit FNP Unit 1

WO# SNC 657815

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, High Head Safety Injection / Chemical Volume Control System, Q1E21V061B, Class 2

5. (a) Applicable Construction Code 1971 Edition, No 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) |
|-------------------|----------------------|-------------------------|--------------------|----------------------|------------|----------------------------------|-------------------------------|
| 2" Needle Valve | Dragon Valves | TW1140 | N/A | QP070654 | 2007 | Removed | Yes |
| 2" Needle Valve | Dragon Valves | TW1165 | N/A | QP080471 | 2008 | Installed | Yes |
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7. Description of Work Replaced disc, yoke, union nut, and stem assembly from S/N 1165 on existing valve body S/N TW1140.

8. Test Conducted:

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

FORM NIS-2 (Back)

9. Remarks NPV-1 forms, S/N TW1140 and S/N TW1165, VT-2 Examination

Applicable Manufacturer's Data Reports to be attached

WO# SNC 657815

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 Plant Manager Date 5-20-15
Owner or Owner's Designee

CERTIFICATE OF INSERVICE INSPECTION

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 HSB Global Standards of Hartford, CT have inspected the components described in this Owner's Report during the period 04/28/2015 to 05/28/2015, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions 12603A, NC, F, etc
National Board, State, Province and Endorsements

Date 05/28/2015