

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

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

<p>1. Owner: <u>Southern Nuclear Operating Co.</u>  <i>Name</i>  <u>40 Inverness Center Parkway; Birmingham, AL 35242</u>  <i>Address</i></p> <p>2 Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u>  <i>Name</i>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u>  <i>Name</i>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <i>Address</i></p>	<p>Date: <u>October 27, 2011</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>E21- SNC82724</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
<p>4. Identification of System: <u>TPNS# Q2E21SNUBBSIR171 SAFETY INJECTION SYSTEM, ASME Class 1</u></p>	
<p>5. (a) Applicable Construction Code: <u>See Remarks</u> , <u>N/A</u> Edition, <u>N/A</u> Addenda, <u>N/A</u> Code Case  <i>Year</i></p> <p>(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>2001</u> Addenda: <u>2003</u>  <i>Year</i></p> <p>(c) Applicable Section XI Code Case(s): <u>N/A</u></p>	
<p>6. Identification of Components:</p>	

Name of Component	Name of	Manufacturer Serial No.	National	Other	Year	Corrected	ASME Code
Hydraulic Snubber	ITT GRINNELL	2SI-R171	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	LISEGA	31000346/008	N/A	SNA10016533	2011	Installed	NO

7 Description of Work: Snubber 2SI-R171 was replaced as a scheduled upgrade ' Ref: Transaction # 1325173

8. Tests Conducted:    Hydrostatic                      Pneumatic                      Nominal Operating Pressure                      Exempt

☐                      ☐                      ☐                      ☒

Other                      Pressure: \_\_\_\_\_ psi                      Test Temp.: \_\_\_\_\_ °F

☐                      ☐                      ☐

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination (ED) 2110882901ED

Ref: Transaction # 1325173

VT-3 Exam Performed after Installation

SNC 82724 <sup>Rev</sup> 2/16/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/13/12

Owner or Owner's Designee, Title

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

State or Province of Georgia and employed by HSB CT

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period 02/03/2012 to 02/07/2012, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Reddy*  
Inspector's Signature

Commissions:

12603, AIN

National Board, State, Province, and Endorsements

Date:

02/07/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 19, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242  
Address  
 2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319  
Address  
 3. Work Performed By: FNP Maintenance Department Work Order No.: E21-SNC82707  
Name Repair/Replacement Organization PO No. Job No, etc.  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
Address Authorization No.: N/A  
 Expiration Date: N/A

4. Identification of System: TPNS# Q2E21SNUBBCVCR71B CHEMICAL VOLUME CONTROL SYSTEM, ASME Class 2  
 5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda: N/A Code Case  
Year  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
Year  
 (c) Applicable Section XI Code Case(s): N/A

## 6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CVC-R71	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38462	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38462	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CVC-R71B was replaced as a scheduled upgrade ' Ref: Transaction # 1058987 AND 1058985

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

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination (ED) C092099701

Ref: Transaction # 1058987 AND 1058985

VT-3 Exam Performed after Installation

SNCB2707 <sup>Page 11</sup>

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

State or Province of GEORGIA and employed by HSB CT

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/07/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Inspector's Signature*

Inspector's Signature

Commissions:

12603 AIN C6A690

National Board, State, Province, and Endorsements

Date:

02/07/2012

Figure 1

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner Southern Nuclear Operating Company Date December 8, 2010  
 Name  
40 Inverness Center Parkway  
Birmingham, Alabama 35242  
(an agent for Alabama Power Company)  
 Address  
 2. Plant FARLEY NUCLEAR PLANT Unit TWO  
 Name  
Highway 95 South  
Columbia, Alabama 36319  
 Address  
Q2p16 - WO# 2051571453  
 Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Southern Nuclear Operating Company / ES - Modifications Type Code Symbol Stamp N/A  
 Name  
FARLEY NUCLEAR PLANT Authorization No. N/A  
 Address Expiration Date N/A
4. Identification of System P16 - SERVICE WATER CLASS 3 <sup>per 2/8/12</sup>
5. (a) Applicable Construction Code ASME Section III Edition, 1971 Addenda, 1971 Code Case  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001, Addenda: 2003  
 (c) Applicable Section XI Code Case(s) N/A
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PUMP ASSEMBLY	SULZER PUMPS (US) INC.	08C02148	N/A	P.O.# QP060449	2007	REMOVED	YES
PUMP ASSEMBLY	SULZER PUMPS (US) INC.	08C02147	N/A	P.O.# QP060449	2008	REPLACED	YES

7. Description of Work ALL WORK COMPLETED UNDER WO# 2051571453

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

Figure 1  
FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

205 1571453

REC  
EX-12

## 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

Eric J. McGee for Jonathan McGee, Weld Supervisor  
Owner or Owner's Designee, Title

Date

2/7/2012

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of GEORGIA and employed by HSB CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Radney Sam  
Inspector's Signature

Commissions 12603 AIN GA690

National Board, State, Province and Endorsements

Date

02/08/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 20, 2011  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*
3. Work Performed By: FNP Maintenance Department Work Order No.: N11 - SNC82716  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*
- Repair/Replacement Organization PO No, Job No, etc.  
 Type Code Symbol Stamp: N/A
- Authorization No.: N/A
- Expiration Date: N/A
4. Identification of System: TPNS: Q2N11SNUBBMSR807 MAIN STEAM SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
*Year*
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
*Year*
- (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	24027	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38484	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2MS-R807 was replaced as a scheduled upgrade Ref: Transaction # 1056987
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092165101

Ref: Transaction # 1056987

VT-3 Exam Performed after Installation

SNC82-716 2/8/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/07/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Debra S.*

Inspector's Signature

Commissions:

12603 AIA G4590

National Board, State, Province, and Endorsements

Date:

02/07/2012



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

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

1. Owner: Southern Nuclear Operating Co. Date: October 12, 2011  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*
3. Work Performed By: FNP Maintenance Department Work Order No.: N12- SNC82685  
*Name* *Repair/Replacement Organization PO No, Job No, etc*  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
*Address* Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: TPNS: Q2N12SNUBBASR14 AUXILLARY STEAM SYSTEM, ASME CLASS 3
5. (a) Applicable Construction Code: See Remarks N/A Edition, N/A Addenda, N/A Code Case  
*Year*  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
*Year*  
 (c) Applicable Section XI Code Case(s). N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2-AS-R14	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38474	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2AS-R14 was replaced as a scheduled upgrade Ref: Transaction # 1056773
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒  
 Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C091569201

Ref: Transaction # 1056773

VT-3 Exam Performed after Installation

SNC82685 <sup>per</sup> 2/1/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2-3-12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of

HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/08/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Inspector's Signature*

Inspector's Signature

Commissions:

12603AIN GA690

National Board, State, Province, and Endorsements

Date:

02/08/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 20, 2011  
Name  
40 Inverness Center Parkway; Blrmingham, AL 35242 Sheet: 1 of 2  
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: P16 - SNC82730  
Address Repair/Replacement Organization PO No, Job No, etc.  
Type Code Symbol Stamp: N/A

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

4. Identification of System: TPNS: Q2P16SNUBB<sup>2/7/12</sup>SWR514A SERVICE WATER SYSTEM, ASME CLASS 3

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

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SW-R514	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38459	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38459	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2SWR514A was replaced as a scheduled upgrade Ref: Transaction # 1071425, 1071341

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

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

# FORM NIS-2 (Back)

9 Remarks

*Applicable Manufacturer's Data Reports to be attached*

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

Reference equivalency determination C092570501

Ref: Transaction # 1071425 , 1071341

VT-3 Exam Performed after Installation

SAC 82730 2/1/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith , Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/08/2012 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

1260341N

National Board, State, Province, and Endorsements

Date:

02/08/2012

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

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

<p>1. Owner: <u>Southern Nuclear Operating Co</u>  <i>Name</i>  <u>40 Inverness Center Parkway; Birmingham, AL 35242</u>  <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u>  <i>Name</i>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u>  <i>Name</i>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <i>Address</i></p>	<p>Date: <u>October 18, 2011</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>P17 - SNC82697</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
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4. Identification of System: TPNS: Q2P17SNUBBCCWR322A COMPONENT COOLING WATER SYSTEM, ASME CLASS 3

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

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

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

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	17807	N/A	FNP-222	1976	Removed	NO
Hydraulic Snubber	ANVIL	38476	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber CCW-R322A was replaced as a scheduled upgrade Ref: Transaction # 1056829

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

Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C091933501

Ref: Transaction # 1056829

VT-3 Exam Performed after Installation

SN C82697 2/7/12

## CERTIFICATE OF COMPLIANCE

REPLACEMENT  
RETENTION 2/7/12

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/08/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Inspector's Signature*

Inspector's Signature

Commissions:

12603AIN

National Board, State, Province, and Endorsements

Date:

02/08/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 18, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242  
Address

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

3. Work Performed By: FNP Maintenance Department Work Order No.: E13 - SNC82702  
Name Repair/Replacement Organization PO No. Job No. etc  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
Address Authorization No.: N/A  
Expiration Date: N/A

4. Identification of System: TPNS: Q2E13SNUBBCSR310B CONTAINMENT SPRAY SYSTEM, ASME CLASS 2

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

## 6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	20638	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	38470	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CSR-310B was replaced as a scheduled upgrade Ref: Transaction # 1056195

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

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

# FORM NIS-2 (Back)

9 Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092050401

Ref. Transaction # 1056201

VT-3 Exam Performed after Installation

SNC 82702 2/17/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/13/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT have inspected the components described in this

Owner's Report during the period 02/03/2012 to 02/07/2012, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Inspector's Signature*

Inspector's Signature

Commissions:

12603A1N GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012



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

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

1. Owner: Southern Nuclear Operating Co. Date: October 12, 2011  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*
3. Work Performed By: FNP Maintenance Department Work Order No.: P17 - SNC82688  
*Name* *Repair/Replacement Organization PO No. Job No. etc*  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
*Address* Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: TPNS: Q2P17SNUBBCCWH40A COMPONENT COOLING WATER SYSTEM, ASME CLASS 3
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
*Year*  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
*Year*  
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCW-H40	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38468	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38468	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CCW-H40A was replaced as a scheduled upgrade Ref: Transaction # 1056127 , 1056129
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒  
 Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C091933501

Ref: Transaction # 1056127 , 1056129

VT-3 Exam Performed after Installation

SNC82688 <sup>2/1/12</sup>

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this <sup>REPLACEMENT 2/1/12</sup> conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

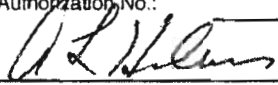
Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:



Leonard Smith , Maintenance Manager

Date:

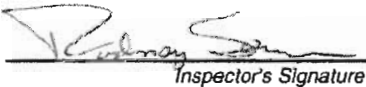
2/13/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603 AND GA690

National Board, State, Province, and Endorsements

Date:

02/08/2012

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

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

1. Owner: Southern Nuclear Operating Co Date: October 24, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242  
Address

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

3. Work Performed By: FNP Maintenance Department Work Order No.: E21- SNC82706  
Name Repair/Replacement Organization PO No, Job No, etc.  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
Address Authorization No.: N/A  
Expiration Date: N/A

4 Identification of System: TPNS# Q2E21SNUBBCVCR71A CHEMICAL VOLUME CONTROL SYSTEM, ASME Class 2

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

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

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

6 Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CVC-R71	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38463	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38463	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CVC-R71A was replaced as a scheduled upgrade Ref: Transaction # 1058909, 1058611

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

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

# FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination (ED) C092099701

Ref: Transaction # 1056191 AND 1056193

VT-3 Exam Performed after Installation

SNC82706 <sup>sub</sup> 2/1/12

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. <sup>REPLACEMENT sub 2/1/12</sup>

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/07/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Inspector's Signature*  
Inspector's Signature

Commissions:

126031IN GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012

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

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

<p>1. Owner <u>Southern Nuclear Operating Co.</u>  <i>Name</i>  <u>40 Inverness Center Parkway; Birmingham, AL 35242</u>  <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u>  <i>Name</i>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <i>Address</i></p> <p>3. Work Performed By. <u>FNP Maintenance Department</u>  <i>Name</i>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <i>Address</i></p>	<p>Date: <u>October 12, 2011</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>P17 - SNC82689</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
<p>4. Identification of System: <u>TPNS: Q2P17SNUBBCCWH40B COMPONENT COOLING WATER SYSTEM, ASME CLASS 3</u></p>	
<p>5. (a) Applicable Construction Code: <u>See Remarks</u>, <u>N/A</u> Edition, <u>N/A</u> Addenda, <u>N/A</u> Code Case  <i>Year</i></p> <p>(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>2001</u> Addenda: <u>2003</u>  <i>Year</i></p> <p>(c) Applicable Section XI Code Case(s). <u>N/A</u></p>	

6 Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCW-H40	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38458	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38458	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CCW-H40B was replaced as a scheduled upgrade Ref. Transaction # 1056191 , 1056193

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

Other ☐ Pressure: \_\_\_\_\_ psl Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C091933501

Ref: Transaction # 1056191 AND 1056193

VT-3 Exam Performed after Installation

SNP 82689 4/1/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603 AIN

National Board, State, Province, and Endorsements

Date:

02/08/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 19, 2011  
40 Inverness Center Parkway; Birmingham, AL 35242  
Sheet: 1 of 2  
Address  
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
7388 North State Hwy 95; Columbia, AL 36319  
Work Order No.: N11 - SNC82713  
Address  
Repair/Replacement Organization PO No, Job No, etc.  
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A  
7388 North State Hwy 95; Columbia, AL 36319  
Name  
Authorization No.: N/A  
Address  
Expiration Date: N/A
4. Identification of System: TPNS: Q2N11SNUBBMSR802 MAIN STEAM SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
Year  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
Year  
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	22603	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38488	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2MS-R802 was replaced as a scheduled upgrade Ref: Transaction # 1056851

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

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092165101

Ref: Transaction # 1056851

VT-3 Exam Performed after Installation

SNCB2713 2/4/12

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. REPLACEMENT 2/7/12

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A1N GAB90

National Board, State, Province, and Endorsements

Date:

02/08/2012



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

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

1. Owner: Southern Nuclear Operating Co. Date: October 12, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242  
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319  
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P17 - SNC82695  
Name Repair/Replacement Organization PO No, Job No, etc.  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
Address Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: TPNS: Q2P17SNUBBCCWR205A COMPONENT COOLING WATER SYSTEM, ASME CLASS 3
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
Year  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
Year  
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CCWR205A	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38464	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38464	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CCW-R205A was replaced as a scheduled upgrade Ref: Transaction # 1058865, 1058867

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

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C091933501

Ref: Transaction # 1058865 and 1058867

VT-3 Exam Performed after Installation

SNC 82695 *2/7/12*

## CERTIFICATE OF COMPLIANCE

*REPLACEMENT 2/7/12*

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed

*R. Vought*

for Leonard Smith, Maintenance Manager  
Owner or Owner's Designee, Title

Date:

*2-3-12*

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT have inspected the components described in this

Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603414 GA690

National Board, State, Province, and Endorsements

Date:

02/08/2012

**FORM NIS-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 January 25, 2012  
Name  
40 Inverness Ctr Pkwy, Birmingham, Al. 35242  
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP Unit 2  
Name  
7388 N. State Hwy 95, Columbia, Al. 36319  
Address Work Order No.: B13 84510 2110160501 2/2/12  
Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by FNP Maintenance Department Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
7388 N. State Hwy 95, Columbia, Al. 36319 Expiration Date N/A  
Address
4. Identification of System TPNS #: Q2B13SNUBBRCR18B, Reactor Coolant System, ASME Class 1
5. (a) Applicable Construction Code See Remarks 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)
MECHANICAL SNUBBER	GRINNELL	2859	N/A	N/A	1977	REMOVED	NO
HYDRAULIC SNUBBER	LISEGA	31000519/042	N/A	<u>QPT10058</u> 21101979	2010	INSTALLED	NO

7. Description of Work Remove mechanical snubber, and replace with hydraulic snubber.

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

## FORM NIS-2 (Back)

9. Remarks Designed per AISC 1969 Ed, Welded per AWS D1.1-86  
Applicable Manufacturer's Data Reports to be attached

2110160501 <sup>per 2/1/12</sup>

## 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

For Leonard Smith, Maint MGR  
 Owner or Owner's Designee, Title

Date

2/3/12

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of Georgia and employed by HSB CT of Hartford CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

A, N 12603 GA690  
 National Board, State, Province and Endorsements

Date

02/08/2012

**FORM NIS-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 January 25, 2012  
40 Inverness Ctr Pkwy, Birmingham, Al. 35242  
 Name  
 Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP Unit 2  
7388 N. State Hwy 95, Columbia, Al. 36319  
 Name  
 Address
3. Work Performed by FNP Maintenance Department Type Code Symbol Stamp N/A  
7388 N. State Hwy 95, Columbia, Al. 36319 Authorization No. N/A  
 Address Expiration Date N/A  
 Repair/Replacement Organization P.O. No., Job No., etc.
4. Identification of System Piping and TPNS #: Q2P16V584, Q2P16V589 Service Water System, ASME Class 3
5. (a) Applicable Construction Code See Remarks 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)
2" PIPE	DANIEL CONSTRUCTION	Q-2-P16-HBC-200-E5580-1	N/A	N/A	1976	REMOVED	YES
2" SW ELBOW	DANIEL CONSTRUCTION	Q-2-P16-HBC-200-E5580-1	N/A	N/A	1976	REMOVED	YES
2" SW TEE	DANIEL CONSTRUCTION	Q-2-P16-HBC-200-E5580-1	N/A	N/A	1976	REMOVED	YES
2" SW CHECK VALVE	KEROTEST	ST13-19	N/A	N/A	1976	REMOVED	YES
2" SW GLOBE VALVE	KEROTEST	J05-1	N/A	N/A	1976	REMOVED	YES
2" PIPE	MICHIGAN SEAMLESS TUBE	N/A	N/A	HEAT #: A054337	2006	INSTALLED	NO
2" SW ELBOWS	BONNEY FORGE	N/A	N/A	HEAT #: 77464, 76996	2008	INSTALLED	YES
2" SW TEE	BONNEY FORGE	N/A	N/A	HEAT #: 77464	2008	INSTALLED	YES
2" SW CHECK VALVE	FLOWERVE	50BAA	N/A	N/A	2004	INSTALLED	YES
2" SW GLOBE VALVE	FLOWERVE	58BCY	N/A	N/A	2005	INSTALLED	YES

7. Description of Work Remove 2 valves and associated piping and replace.

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

## FORM NIS-2 (Back)

9. Remarks Piping and Fittings designed to ASME Section III, 1971 Edition up to <sup>2008 rule 2/7/12</sup> 2008 Edition  
 Applicable Manufacturer's Data Reports to be attached  
 Valves designed to ASME Section III, 1971 Edition, Winter 1971 Addenda

2102553201 <sup>rule 2/9/12</sup>

## 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

LEONARD SMITH, NNT MGR  
 Owner or Owner's Designee, Title

Date

2/3/12

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of Georgia and employed by HSB CT of HARTFORD CT  
 have inspected the components described in this Owner's Report during the period 02/08/2012 to 02/03/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be 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/N GA696  
 National Board, State, Province and Endorsements

Date

02/08/2012

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

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

<p>1. Owner: <u>Southern Nuclear Operating Co.</u>  <i>Name</i>  <u>40 Inverness Center Parkway; Birmingham, AL 35242</u>  <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u>  <i>Name</i>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u>  <i>Name</i>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <i>Address</i></p>	<p>Date: <u>October 17, 2011</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>N11 - SNC82715</u>  <i>Repair/Replacement Organization PO No, Job No, etc.</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
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4. Identification of System: TPNS: Q2N11SNUBBMSR804 MAIN STEAM SYSTEM, ASME CLASS 2

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

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

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

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	17015	N/A	FNP-222	1976	Removed	NO
Hydraulic Snubber	ANVIL	38485	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2MS-R804 was replaced as a scheduled upgrade Ref: Transaction # 1186305

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

Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

9 Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092165101

Ref: Transaction # 1186305

VT-3 Exam Performed after Installation

SNC82715 2/1/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp: N/A

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

Signed: Leonard Smith Leonard Smith, Maintenance Manager Date: 2/3/12  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/07/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature  
Inspector's Signature

Commissions: 12603A1N GA690  
National Board, State, Province, and Endorsements

Date: 02/07/2012



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

is of the ASME Code, Section XI

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

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

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

Date: November 5, 2011

Sheet: 1 of 2

Unit: FNP Unit 2

Work Order No.: E11- SNC344131

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

Authorization No.: N/A

Expiration Date: N/A

4. Identification of System: TPNS# Q2E11SNUBBRHRBR1 RESIDUAL HEAT REMOVAL SYSTEM, ASME Class 1

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

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

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

6 Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2RHR-BR1	N/A	FNP-2-29	1977	Removed	NO
KIT UPGRADE	ANVIL	37940	N/A	QP0091163	2009	Installed	NO

Description of Work: Snubber 2SI-R171 was Upgraded to config A

7. because of cracked reservoir ' Ref: Transaction #1516533

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

Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination (ED) C092533401

Ref: Transaction #1516533

VT-3 Exam Performed after Installation

SNC 344131 <sup>pub</sup> 2/1/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/07/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A1A GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012

**FORM NIS-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 January 26, 2012  
     Name  
     40 Inverness Ctr Pkwy, Birmingham, Al. 35242  
     Address  
 2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP Unit 2  
     Name  
     7388 N. State Hwy 95, Columbia, Al. 36319  
     Address  
     Work Order No.: 2071439901  
     Repair/Replacement Organization P.O. No., Job No., etc.  
 3. Work Performed by FNP Maintenance Department Type Code Symbol Stamp N/A  
     Name  
     7388 N. State Hwy 95, Columbia, Al. 36319  
     Address  
     Authorization No. N/A  
     Expiration Date N/A  
 4. Identification of System TPNS #: Q2G31V007, G31- Spent Fuel Pool Cooling System, ASME Class 3  
 5. (a) Applicable Construction Code See Remarks 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)
2" DIAPHRAM VALVE, BONNET	GRINNELL	73-2761-12-4	N/A	N/A	1974	REMOVED	YES
2" DIAPHRAM VALVE, BONNET	ITT	833408-001-001	N/A	BONNET HEAT #: <del>KKJL-W51</del> KKFC-W4	2009	INSTALLED	YES
				2/8/12			

7. Description of Work Replace bonnet of existing valve. Used the old valve body and installed the new bonnet assembly.

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

01/26/12 14:15:45

FNP-0-GMP-0.2

FORM NIS-2 (Back)

8. Remarks Designed per ASME Section III, 1988 Edition, no Addenda  
Applicable Manufacturer's Data Reports to be attached  
ED: 2062826801  
2071439901

CERTIFICATE OF COMPLIANCE			
We certify that the statements made in the report are correct and that this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. repair or replacement			
Type Code Symbol Stamp	N/A		
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed	<u>AL Blum MNT Support Supt.</u> Owner or Owner's Designee, Title	Date	<u>2/8/12</u>

CERTIFICATE OF INSERVICE INSPECTION			
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Georgia</u> and employed by <u>HSE CT</u> of <u>HARTFORD CT</u> have inspected the components described in this Owner's Report during the period <u>02/03/2012</u> to <u>02/08/2012</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.			
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.			
<u>[Signature]</u> Inspector's Signature		Commissions	<u>12603A1N GA690</u> National Board, State, Province and Endorsements
Date <u>02/08/2012</u>			

Figure 1

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

1. Owner Southern Nuclear Operating Company Date February 7, 2012  
40 Inverness Ctr Pkwy, Blmningham, Al. 35242 Sheet 1 of 2  
Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP-UNIT 2  
7388 N. State Hwy 95, Columbia, Al. 36319 WO# SNC82700 - E13  
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 N/A  
Address No. N/A  
Expiration Date N/A
4. Identification of System Q2E13SNUBBCSR282A - CLASS 2
5. (a) Applicable Construction Code SEE REMARKS 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)
SNUBBER	GRINNELL	2CS-R282	N/A	FNP2-29	1977	REMOVED	NO
SNUBBER	ANVIL	38478	N/A	QP110051	2011	INSTALLED	NO

7. Description of Work
- Replace snubber

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

Figure 1

## FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

Supports designed to AISC-1969 and welded to AWS D1 1-86. Reference Equivalency Determination

C09205041. Reference Transaction # 1056845. VT-3 exam performed after installation.

SN 182700 2/9/12

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	<u>AK Williams MNT Support Supt.</u>	Date	<u>2/8/12</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>Georgia</u> and employed by <u>HSB CT</u> of <u>HARTFORD CT</u>	
have inspected the components described in this Owner's Report during the period <u>02/03/2012</u> to <u>02/08/2012</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	Commission s <u>12603A114 GA690</u> National Board, State, Province and Endorsements
Date	<u>02/08/2012</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 Co Date: October 20, 2011  
*Name*  
40 Inverness Center Parkway, Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
*Name*  
7388 North State Hwy 95, Columbia, AL 36319  
*Address*
3. Work Performed By: FNP Maintenance Department Work Order No.: N12- SNC82687  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*
- Type Code Symbol Stamp: N/A  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: TPNS: Q2N12SNUBBASR17 AUXILLARY STEAM SYSTEM, ASME CLASS 3
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
*Year*  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
*Year*  
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	17001	N/A	FNP-222	1976	Removed	NO
Hydraulic Snubber	ANVIL	38475	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2AS-R17 was replaced as a scheduled upgrade Ref: Transaction # 1056825
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒  
 Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C091569201

Ref: Transaction # 1056825

VT-3 Exam Performed after Installation

SNC82687 <sup>replaced</sup> 2/1/12

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. <sup>REPLACEMENT 2/1/12</sup>

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

State or Province of GEORGIA and employed by HSB CT

of HARTFORD CT have inspected the components described in this

Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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: 12603A14 GA690

National Board, State, Province, and Endorsements

Date: 02/08/2012



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

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

1. Owner: <u>Southern Nuclear Operating Co.</u> <div style="text-align: center;"><i>Name</i></div> <u>40 Inverness Center Parkway; Birmingham, AL 35242</u> <div style="text-align: center;"><i>Address</i></div>	Date: <u>October 18, 2011</u> <hr/> Sheet: <u>1</u> of <u>2</u> <hr/> Unit: <u>FNP Unit 2</u> <hr/> Work Order No.: <u>E13 FNP 2/1/12</u> <div style="text-align: center;"><i>Repair/Replacement Organization PO No, Job No, etc.</i></div> Type Code Symbol Stamp: <u>N/A</u> <hr/> Authorization No.: <u>N/A</u> <hr/> Expiration Date: <u>N/A</u> <hr/>
2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u> <div style="text-align: center;"><i>Name</i></div> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <div style="text-align: center;"><i>Address</i></div>	
3. Work Performed By: <u>FNP Maintenance Department</u> <div style="text-align: center;"><i>Name</i></div> <u>7388 North State Hwy 95; Columbia, AL 36319</u> <div style="text-align: center;"><i>Address</i></div>	

4. Identification of System: TPNS: Q2E13SNUBBCSR334 CONTAINMENT SPRAY SYSTEM, ASME CLASS 2

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

*Year*

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

*Year*

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

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CS-R334	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	38473	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CSR-334 was replaced as a scheduled upgrade Ref: Transaction # 1056201

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

Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092050401

Ref: Transaction # 1056201

VT-3 Exam Performed after Installation

SNC82705 2/1/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/07/2012

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Raymond S. Smith*  
Inspector's Signature

Commissions:

12603A1N GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 24, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242  
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319  
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - SNC82728  
Name Repair/Replacement Organization PO No, Job No, etc  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
Address Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: TPNS: Q2P16SNUBB2SWR41A SERVICE WATER SYSTEM, ASME CLASS 3
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
Year
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
Year
- (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SW-R41	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38457	N/A	QP110051	2011	Installed	NO
Adapler Plate	ANVIL	38457	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2SWR41A was replaced as a scheduled upgrade Ref: Transaction # 1071423, 1071339

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

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

# FORM NIS-2 (Back)

## 9 Remarks

Applicable Manufacturer's Data Reports to be attached

Supports Designed to AISC-1969 and welded to AWS D11-86

Reference equivalency determination C092570501

Ref: Transaction # 1071423 , 1071339

VT-3 Exam Performed after Installation

SNC 82728 <sup>REV</sup> 2/13/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith , Maintenance Manager

Date:

2/13/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/08/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Robert S.*  
Inspector's Signature

Commissions:

12603A IN GA690

National Board, State, Province, and Endorsements

Date:

02/08/2012

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

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

1. Owner: Southern Nuclear Operating Co Date: October 6, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242  
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319  
Address Work Order No.: P17 - SNC82694  
Address Repair/Replacement Organization PO No, Job No, etc.  
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A  
Name  
7388 North State Hwy 95; Columbia, AL 36319  
Address Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: TPNS: Q2P17SNUBBCCW/H201B COMPONENT COOLING WATER SYSTEM, ASME CLASS 3  
R 2/7/12
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
Year  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
Year  
(c) Applicable Section XI Code Case(s): N/A

## 6 Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	19171	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38454	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38454	N/A	QP110051	2011	Installed	NO

7 Description of Work: Snubber 2CCW-H201B was replaced as a scheduled upgrade Ref. Transaction # 1071411, 1071333

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

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C091933501

Ref: Transaction # 1071411, 1071333

VT-3 Exam Performed after Installation

SNC 82694 <sup>Part</sup> 2/1/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to

the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Debra S.*  
Inspector's Signature

Commissions:

12603 and GA690

National Board, State, Province, and Endorsements

Date:

02/08/2012

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

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

1. Owner: Southern Nuclear Operating Co Date: October 20, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242  
Address  
 2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319  
Address  
 3. Work Performed By: FNP Maintenance Department Work Order No.: N11 - SNC82717  
Name Repair/Replacement Organization PO No, Job No, etc  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
Address Authorization No.: N/A  
 Expiration Date: N/A

4. Identification of System: TPNS: Q2N11SNUBBMSR808 MAIN STEAM SYSTEM, ASME CLASS 2  
 5. (a) Applicable Construction Code: See Remarks, N/A Edition: N/A Addenda, N/A Code Case  
Year  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
Year  
 (c) Applicable Section XI Code Case(s): N/A

## 6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	22564	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38479	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2MS-R808 was replaced as a scheduled upgrade Ref: Transaction # 1056991  
 8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒  
 Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092165101

Ref: Transaction # 1056991

VT-3 Exam Performed after Installation

SNC 82717 <sup>SN</sup> 2/17/12

## CERTIFICATE OF COMPLIANCE

REPLACEMENT <sup>SN</sup> 2/17/12

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Q. L. Helms*

Leonard Smith, Maintenance Manager

Date:

2/13/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT have inspected the components described in this

Owner's Report during the period 02/03/2012 to 02/07/2012, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A1N GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012



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

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

1. Owner: Southern Nuclear Operating Co. Date: October 20, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2  
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: E21- SNC82708  
Address Repair/Replacement Organization PO No, Job No, etc.  
 3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A  
Name  
7388 North State Hwy 95; Columbia, AL 36319 Authorization No.: N/A  
Address Expiration Date: N/A
4. Identification of System: TPNS# Q2E21SNUBBCVCR74 CHEMICAL VOLUME CONTROL SYSTEM, ASME Class 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
Year  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Addenda: 2003  
Year  
 (c) Applicable Section XI Code Case(s): N/A

## 6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CVC-R74	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38455	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38455	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CVC-R74 was replaced as a scheduled upgrade Ref: Transaction # 1071415, 1071335

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

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

# FORM NIS-2 (Back)

## 9 Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination (ED) C092099701

Ref: Transaction # 1071415, 1071335

VT-3 Exam Performed after Installation

SNC 82708

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

State or Province of

Georgia

and employed by

HSB CT

of

HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/07/2012

and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Inspector's Signature*

Inspector's Signature

Commissions:

12603AIN G4690

National Board, State, Province, and Endorsements

Date:

02/07/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 27, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2  
Address

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: N11 - SNC82711  
Address Repair/Replacement Organization PO No, Job No, etc.  
FNP Maintenance Department Type Code Symbol Stamp: N/A  
Name  
7388 North State Hwy 95; Columbia, AL 36319 Authorization No.: N/A  
Address Expiration Date: N/A

4. Identification of System: TPNS: Q2N11SNUBBMSR510A MAIN STEAM SYSTEM, ASME CLASS 2

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

## 6 Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	22099	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	LISEGA	31000236/002	N/A	SNA10016533	2010	Installed	NO
ADAPTER ROUND BAR 3	LISEGA	G8518	NA	SNA10022529	2010	Installed	NO

7. Description of Work: Snubber 2MS-R510A was replaced as a scheduled upgrade Ref: Transaction # 1325169, 1385514

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

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

# FORM NIS-2 (Back)

9 Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination 2110882901

Ref Transaction # 1325169, 1385514

VT-3 Exam Performed after Installation

SNC82711 <sup>REV</sup> 2/1/12

## CERTIFICATE OF COMPLIANCE

REPLACEMENT  
REVISION 4/12

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/07/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Inspector's Signature*

Inspector's Signature

Commissions:

12603A1N GA680

National Board, State, Province, and Endorsements

Date:

02/07/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 18, 2011  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*

2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address* Work Order No.: P17 - SNC82693  
*Address* Repair/Replacement Organization PO No. Job No. etc.  
 3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address* Authorization No.: N/A  
 Expiration Date: N/A

4. Identification of System: TPNS: Q2P17SNUBBCCW-H201A COMPONENT COOLING WATER SYSTEM, ASME CLASS 3

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

## 6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	19170	N/A	36803	1985	Removed	NO
Hydraulic Snubber	ANVIL	38461	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38461	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CCW-H149B was replaced as a scheduled upgrade Ref: Transaction # 1058805, 1058807

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

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

# FORM NIS-2 (Back)

9 Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C091933501

Ref: Transaction # 1058805, 1058807

VT-3 Exam Performed after Installation

SNC82693 <sup>REV</sup> 2/3/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

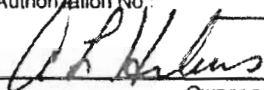
Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:



Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

State or Province of GEORGIA and employed by HSE CT

of HARTFORD CT

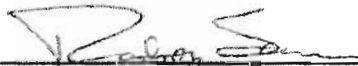
have inspected the components described in this

Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A1N GA69C

National Board, State, Province, and Endorsements

Date:

02/08/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 20, 2011  
Name  
40 Inverness Center Parkway, Birmingham, AL 35242  
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95, Columbia, AL 36319  
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: P16 - SNC82726  
Name Repair/Replacement Organization PO No, Job No, etc  
7388 North State Hwy 95, Columbia, AL 36319 Type Code Symbol Stamp: N/A  
Address Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: TPNS: Q2P1 SNUBBSWBR12A SERVICE WATER SYSTEM, ASME CLASS 3
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
Year  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
Year  
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SW-BR12	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38456	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38456	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2SWBR12A was replaced as a scheduled upgrade Ref: Transaction # 1071419, 1071337
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒  
Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

9 Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092570501

Ref: Transaction # 1071419, 1071337

VT-3 Exam Performed after Installation

SN C82726

2/1/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

for Leonard Smith, Maintenance Manager

Date:

2-3-12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

State or Province of

GEORGIA

and employed by

HSB CT

of

HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/08/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Randy S.*

Inspector's Signature

Commissions:

12603 AND GA690

National Board, State, Province, and Endorsements

Date:

02/08/2012



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

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

1. Owner: Southern Nuclear Operating Co. Date: April 29, 2010  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2  
Address

2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: E21-2091330001  
Address Repair/Replacement Organization PO No, Job No, etc.  
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A  
Name  
7388 North State Hwy 95; Columbia, AL 36319 Authorization No.: N/A  
Address Expiration Date: N/A

4. Identification of System: TPNS:Q2E21SNUBBSIR181 SAFETY INJECTION SYSTEM, ASME CLASS 1

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

## 6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	21625	N/A	FNP-2-29	1979	Removed	NO
Hydraulic Snubber Upgrade Kit	ANVIL	37942	N/A	QP090698	2009	Installed	NO

7. Description of Work: Snubber was upgraded to a configuration A design Ref: Transaction # 180253

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

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

# FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C101300501

Ref. Transaction # 180253

VT-3 Conducted

2091330001 2/1/12

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this <sup>REPLACEMENT 2/1/12</sup> conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Asia O. Jenkins*

Asia O. Jenkins, Supv. Support

Date:

2/13/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/07/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions:

12603A1N GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012

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

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

1. Owner: Southern Nuclear Operating Co Date: October 20, 2011  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*
3. Work Performed By: FNP Maintenance Department Work Order No.: E13 - SNC82703  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*
- Repair/Replacement Organization PO No, Job No, etc.  
 Type Code Symbol Stamp: N/A
- Authorization No.: N/A
- Expiration Date: N/A
4. Identification of System: TPNS: Q2E13SNUBBCSR325A CONTAINMENT SPRAY SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
*Year*
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
*Year*
- (c) Applicable Section XI Code Case(s): N/A

## 6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	20623	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38471	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CSR-325A was replaced as a scheduled upgrade Ref: Transaction # 1056197
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure:   psi Test Temp.:   °F

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

# FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092050401

Ref. Transaction # 1056197

VT-3 Exam Performed after Installation

SNCB2703 REV 2/4/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

State or Province of

GEORGIA

and employed by

HSB CT

of

HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/07/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Raymond S. ...*

Inspector's Signature

Commissions:

12603114, GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012

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

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

1. Owner: Southern Nuclear Operating Co Date: October 20, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242  
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319  
Address
3. Work Performed By: FNP Maintenance Department Work Order No.: E21- SNC82736  
Name Repair/Replacement Organization PO No, Job No, etc.  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
Address Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: TPNS# Q2E21SNUBBSS12717 CHEMICAL VOLUME CONTROL SYSTEM, ASME Class 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
Year  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
Year  
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Mechanical Snubber	Pacific-Scientific	20442	N/A	QP-1470	1986	Removed	NO
Hydraulic Snubber	Lisega	30900372/027	N/A	QP100730	2009	Installed	NO

7. Description of Work: Snubber SS-12717 was replaced as a scheduled upgrade Ref: Transaction # 1103245
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒  
Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

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

Ref: Transaction # 1103245

VT-3 Exam Performed after Installation

SKC82736

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date

2-3-17

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSE CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/07/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Ray S.*  
Inspector's Signature

Commissions:

12603 AIN GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 20, 2011  
40 Inverness Center Parkway; Birmingham, AL 35242 Sheet: 1 of 2  
Address
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
7388 North State Hwy 95; Columbia, AL 36319 Work Order No.: P16 - SNC82732  
Address Repair/Replacement Organization PO No, Job No, etc.  
3. Work Performed By: FNP Maintenance Department Type Code Symbol Stamp: N/A  
7388 North State Hwy 95; Columbia, AL 36319 Authorization No.: N/A  
Address Expiration Date: N/A
4. Identification of System: TPNS: Q2P17SNUBB2SWR514B SERVICE WATER SYSTEM, ASME CLASS 3  
Q2P17SNUBB2SWR514B
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
Year  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda 2003  
Year  
(c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2SW-R514	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38467	N/A	QP110051	2011	Installed	NO
Adapter Plate	ANVIL	38467	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2SWR514B was replaced as a scheduled upgrade Ref: Transaction # 1072273, 1072271

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

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092570501

Ref: Transaction # 1072273, 1072271

VT-3 Exam Performed after Installation

SNC82732 <sup>2/13/12</sup>

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

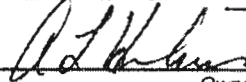
Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:



Leonard Smith, Maintenance Manager

Date:

2/13/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

State or Province of GEORGIA

and employed by HSB CT

of HARTFORD CT

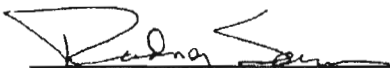
have inspected the components described in this

Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A1N GA690

National Board, State, Province, and Endorsements

Date:

02/08/2012



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

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

1. Owner: Southern Nuclear Operating Co Date: October 19, 2011  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*  
 Work Order No.: E13 - SNC82704  
*Repair/Replacement Organization PO No, Job No, etc.*  
 Type Code Symbol Stamp: N/A
3. Work Performed By: FNP Maintenance Department Authorization No.: N/A  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*  
 Expiration Date: N/A
4. Identification of System: TPNS: Q2E13SNUBBCSR325B CONTAINMENT SPRAY SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
*Year*  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
*Year*  
 (c) Applicable Section XI Code Case(s): N/A
- 6 Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	20626	N/A	FNP-2-29	1978	Removed	NO
Hydraulic Snubber	ANVIL	38472	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CS-R325B was replaced as a scheduled upgrade Ref: Transaction # 1056199
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒  
 Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092050401

Ref. Transaction # 1056199

VT-3 Exam Performed after Installation

SN 82704 <sup>2/13/12</sup>

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. <sup>REPLACEMENT PWV 2/13/12</sup>

Type Code Symbol Stamp: N/A

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

Signed: Leonard Smith Leonard Smith, Maintenance Manager Date: 2/13/12  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

DeWay Sam Commissions: 12603 AIN GA690  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 02/08/2012

**FORM NIS-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 January 26, 2012  
40 Inverness Ctr Pkwy, Birmingham, Al. 35242  
 Name  
 Address
2. Plant Joseph M. Farley Nuclear Plant (FNP) Unit FNP Unit 2  
7388 N. State Hwy 95, Columbia, Al. 36319  
 Name  
 Address
3. Work Performed by FNP Maintenance Department Type Code Symbol Stamp N/A  
7388 N. State Hwy 95, Columbia, Al. 36319 Authorization No. N/A  
 Address Expiration Date N/A
4. Identification of System TPNS #: Q2P16V634, P16- Service Water System, ASME Class 3
5. (a) Applicable Construction Code See Remarks 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)
2" PIPE	DANIEL CONSTRUCTION	Q-2-P16-HBC-20-E5580-1	N/A	N/A	1976	REMOVED	YES
2" GLOBE VALVE	KEROTEST	DX12-19	N/A	N/A	1975	REMOVED	YES
2" GLOBE VALVE	FLOWERVE	18AZW	N/A	QPO40307 N/A	2004	INSTALLED	YES
2" PIPE	MICHIGAN SEAMLESS TUBE	00A054337 N/A	N/A	QPO80736 HEAT # A054337	2006	INSTALLED	NO

7. Description of Work Replace bonnet of existing valve. Used the old valve body and installed the new bonnet assembly.

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

## FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached  
 Valve designed per ASME Section III 1971 Edition, Winter 1972 Addenda  
 Piping designed to ASME Section III, 2004 Edition, 2005 Addenda  
 2102520401 2/4/12

## 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

FEEL LEONARD SMITH, MNT MGR  
 Owner or Owner's Designee, Title

Date

2/3/12

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of GEORGIA and employed by HSE CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/08/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603 AIN GR690

National Board, State, Province and Endorsements

Date

02/08/2012

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

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

<p>1. Owner: <u>Southern Nuclear Operating Co.</u>  <i>Name</i>  <u>40 Inverness Center Parkway; Birmingham, AL 35242</u>  <i>Address</i></p> <p>2. Plant: <u>Joseph M. Farley Nuclear Plant (FNP)</u>  <i>Name</i>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <i>Address</i></p> <p>3. Work Performed By: <u>FNP Maintenance Department</u>  <i>Name</i>  <u>7388 North State Hwy 95; Columbia, AL 36319</u>  <i>Address</i></p>	<p>Date: <u>October 24, 2011</u></p> <p>Sheet: <u>1</u> of <u>2</u></p> <p>Unit: <u>FNP Unit 2</u></p> <p>Work Order No.: <u>E21- SNC82709</u>  <i>Repair/Replacement Organization PO No, Job No, etc</i></p> <p>Type Code Symbol Stamp: <u>N/A</u></p> <p>Authorization No.: <u>N/A</u></p> <p>Expiration Date: <u>N/A</u></p>
---	---

4. Identification of System: TPNS# Q2E21SNUBBCVCR797A CHEMICAL VOLUME CONTROL SYSTEM, ASME Class 2

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

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

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

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2CVC-R797	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38487	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2CVC-R797A was replaced as a scheduled upgrade Ref. Transaction # 1056849

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

Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

9. Remarks

*Applicable Manufacturer's Data Reports to be attached*

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

Reference equivalency determination (ED) C092099701

Ref: Transaction # 1056849

VT-3 Exam Performed after Installation

SNC82709

2/19/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/13/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by H5B CT of HARTFORD CT have inspected the components described in this Owner's Report during the period 02/03/2012 to 02/07/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A1N GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 20, 2011  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*
3. Work Performed By: FNP Maintenance Department Work Order No.: N11 - SNC82714  
*Name* *Repair/Replacement Organization PO No, Job No, etc.*  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
*Address* Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: TPNS: Q2N11SNUBBMSR803 MAIN STEAM SYSTEM, ASME CLASS 2
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
*Year*  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
*Year*  
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	22367	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38486	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2MS-R803 was replaced as a scheduled upgrade Ref: Transaction # 1056957
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒  
 Other ☐ Pressure:            psi Test Temp.:            °F

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

# FORM NIS-2 (Back)

9. Remarks

*Applicable Manufacturer's Data Reports to be attached*

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

Reference equivalency determination C092165101

Ref. Transaction # 1056957

VT-3 Exam Performed after Installation

SNCB2714 <sup>REC</sup> 2/4/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*ML R. Vought for* Leonard Smith, Maintenance Manager  
Owner or Owner's Designee, Title

Date: 2-3-12

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/07/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

12603A1N GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012



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

1. Owner: Southern Nuclear Operating Co. Date: October 29, 2011  
*Name*  
40 Inverness Center Parkway; Birmingham, AL 35242  
*Address*
2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*
3. Work Performed By: FNP Maintenance Department Work Order No.: N11 - SNC82712  
*Name*  
7388 North State Hwy 95; Columbia, AL 36319  
*Address*  
 Repair/Replacement Organization PO No. Job No. etc.  
 Type Code Symbol Stamp: N/A  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: TPNS: Q2N11SNUBBMSR516A MAIN STEAM SYSTEM, ASME CLASS 2  
*B 2/7/12*
5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
*Year*  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
*Year*  
 (c) Applicable Section XI Code Case(s): N/A
6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	23866	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	LISEGA	31000536/014	N/A	SNA10016533	2011	Installed	NO

7. Description of Work: Snubber 2MS-R516A was replaced as a scheduled upgrade Ref: Transaction # 1385454
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒  
 Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination 2110882901

Ref: Transaction # 1385454

VT-3 Exam Performed after Installation

SNC82712 <sup>DATE</sup> 4/1/12

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*Leonard Smith*

Leonard Smith, Maintenance Manager

Date:

2/3/12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT

have inspected the components described in this

Owner's Report during the period

02/03/2012

to

02/07/2012

, and state that to

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

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Redney Sam*  
Inspector's Signature

Commissions:

12603A1N GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012

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

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

1. Owner: Southern Nuclear Operating Co. Date: October 24, 2011  
Name  
40 Inverness Center Parkway; Birmingham, AL 35242  
Address  
 2. Plant: Joseph M. Farley Nuclear Plant (FNP) Unit: FNP Unit 2  
Name  
7388 North State Hwy 95; Columbia, AL 36319  
Address  
 3. Work Performed By: FNP Maintenance Department Work Order No.: B13 - SNC82721  
Name Repair/Replacement Organization PO No, Job No, etc.  
7388 North State Hwy 95; Columbia, AL 36319 Type Code Symbol Stamp: N/A  
Address Authorization No.: N/A  
 Expiration Date: N/A

4. Identification of System: TPNS: Q2B13SNUBBRCR2B REACTOR COOLANT SYSTEM, ASME CLASS 1  
 5. (a) Applicable Construction Code: See Remarks, N/A Edition, N/A Addenda, N/A Code Case  
Year  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003  
Year  
 (c) Applicable Section XI Code Case(s): N/A

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Hydraulic Snubber	ITT GRINNELL	2RC-R2	N/A	FNP-2-29	1977	Removed	NO
Hydraulic Snubber	ANVIL	38482	N/A	QP110051	2011	Installed	NO

7. Description of Work: Snubber 2RC-R2 was replaced as a scheduled upgrade Ref: Transaction # 1056997  
 8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒  
 Other ☐ Pressure: \_\_\_\_\_ psi Test Temp.: \_\_\_\_\_ °F

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

# FORM NIS-2 (Back)

## 9. Remarks

Applicable Manufacturer's Data Reports to be attached

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

Reference equivalency determination C092313201

Ref: Transaction # 1056997

VT-3 Exam Performed after Installation

SNC82721 <sup>REPLACEMENT</sup> <sub>2/7/12</sub>

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this <sup>REPLACEMENT</sup> <sub>2/7/12</sub> conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp:

N/A

Certificate of Authorization No.:

N/A

Expiration Date:

N/A

Signed:

*W. R. Vaughn*

for Leonard Smith, Maintenance Manager

Date:

2-3-12

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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

of HARTFORD CT have inspected the components described in this

Owner's Report during the period 02/03/2012 to 02/07/2012, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

*Raymond S. Smith*  
Inspector's Signature

Commissions:

12603A1N GA690

National Board, State, Province, and Endorsements

Date:

02/07/2012



Figure 1

9. Remarks Valve cover was removed and machined in accordance with manufacturer recommendation and re-installed per work order

2103425801. Cover was then seal welded to the valve body in accordance with manufacturer recommendation. No new valve parts were  
per this work order. Weld rods were issued per transaction # 82062 and 82063.

### 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 Jim J. Hunt, Assistant Maint Mgr Date 2/17/2011  
 Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of GEORGIA and employed by HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/18/10 to 2/17/11, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]  
 Inspector's Signature

Commissions NB #12569 6A 827

National Board, State, Province and Endorsements

Date 2/18/11