Southern Nuclear Operating Company, Inc. Post Office Box 1295 Birmingham, Alabama 35201-1295

Tel 205.992.5000



February 18, 2009

Docket No.: 50-364

NL-09-0210

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

#### Joseph M. Farley Nuclear Plant – Unit 2 Inservice Inspection Summary Report

Ladies and Gentlemen:

Southern Nuclear Operating Company submits herewith the Farley Nuclear Plant Unit 2, Interval 4, Period 1, Outage 1 Inservice Inspection Summary Report (Enclosure). This report describes and summarizes the Inservice Inspection (ISI) activities performed during the Unit 2 Fall 2008 maintenance/refueling outage. Paragraph IWA-6240 of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, 2001 Edition with the 2003 Addenda requires submittal of the enclosed report.

On October 8, 2007 SNC submitted ISI Alternative FNP-ISI-ALT-01 to the NRC which requested that Farley Unit 2 be permitted to start the fourth ISI interval on December 1, 2007 to correspond to the Farley Unit 1 ISI interval dates. The NRC approved this alternative on October 17, 2008. Selected ASME Code repair and/or replacement activities were in process to the earlier Edition of the ASME Code. This report also includes a separate form NIS-1 to document these repair and/or replacement activities completed to the earlier Edition of the Code. Paragraph IWA-2430(d) permits the ISI interval to be extended by one year to accommodate this situation.

The supporting ISI documentation, e.g., examination plans and schedules, examination results and reports, examination methods and procedures, evaluation results, and corrective action and repairs, is available for review upon request at Farley Nuclear Plant.

AD47 MRR

U. S. Nuclear Regulatory Commission NL-09-0210 Page 2

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,

Mark & ajlum

M. J. Ajluni Manager, Nuclear Licensing

#### MJA/MNW/phr

Enclosure: Farley Nuclear Plant - Unit 2 Inservice Inspection Summary Report

cc: <u>Southern Nuclear Operating Company</u> Mr. J. T. Gasser, Executive Vice President Mr. J. R. Johnson, Vice President – Farley Mr. D. H. Jones, Vice President – Engineering RTYPE: CFA04.054

> <u>U. S. Nuclear Regulatory Commission</u> Mr. L. A. Reyes, Regional Administrator Mr. R. E. Martin, NRR Project Manager – Farley Mr. E. L. Crowe, Senior Resident Inspector – Farley

#### Joseph M. Farley Nuclear Plant – Unit 2

Enclosure

Farley Nuclear Plant - Unit 2 Inservice Inspection Summary Report

#### FARLEY NUCLEAR PLANT - UNIT 2 INSERVICE INSPECTION SUMMARY REPORT - INDEX

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

## TAB A

### Form NIS-1 Owner's Report for Inservice Inspection

#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules

1.	Owner	Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, AL. 35242 (as agent for Alabama Power Co.) (Name and Address of Owner)
2.	Plant	J. M. Farley Nuclear Plant Hwy 95 South Columbia, AL. 36319 (Name and Address of Plant)
3.	Plant U	nit <u>2</u>
4.	Owner	Certificate of Authorization (if required) N/A
5.		ercial Service Date 07/30/81

6. National Board Number for Unit see listed N. B. for each component

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion Engineering	CE 69105	N/A	21385
Pressurizer	Westinghouse Tampa	1561	N/A	W10793
Steam Gen A	Westinghouse Pensacola	ALAD-40307	N/A	73
Steam Gen C	Westinghouse Pensacola	ALAD-40309	N/A	75
Class 1 Piping	Daniel Construction	N/A	N/A	N/A
Class 2 Piping	Daniel Construction	N/A	N/A	N/A

- 8. Examination Dates 05/18/07 to 11/20/08
- 9. Inspection Period Identification: First Period 12/01/07 to 11/30/10
- 10. Inspection Interval Identification: Fourth Interval 12/01/07 to 11/30/17
- 11. Applicable Edition of Section XI 2001 Addenda 2003
- 12. Date/Revision of Inspection Plan: 07/15/08; Version 2
- 13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. <u>See Tabs B and C</u>
- 14. Abstract of Results of Examinations and Tests. See Tab B
- 15. Abstract of Corrective Measures. See Tab B

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

#### Page 2 of 4

#### FORM NIS-1

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

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

Date Feb. 10 2009 Signed Southern Nuclear Operating Co. By Walling (Owner)

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of \_\_\_\_\_\_\_ GODIAA and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/18/07 to 11/20/08 and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

Commissions GAS27 AIN NB<sup>#</sup>1257A National Board, State, Province, and Endorsements respector's Signature Date FBRUARY 10 20 01

Page 3 of 4

#### OWNER'S REPORT FOR INSERVICE INSPECTION

DATE:

**OWNER NAME AND ADDRESS:** 

02/16/09

Southern Nuclear Operating Co. 42 Inverness Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Co.)

NAME AND ADDRESS OF NUCLEAR GENERATING PLANT:

NAME ASSIGNED TO NUCLEAR POWER UNIT:

Columbia, Alabama 36319

Joseph M. Farley Nuclear Plant

Highway 95 South

Joseph M. Farley Nuclear Plant Unit 2

See listed NB's for each component

OWNER CERTIFICATE OF AUTHORIZATION:

N/A

07/30/81

COMMERCIAL SERVICE DATE:

NATIONAL BOARD NUMBER:

NAME OF COMPONENTS OR PARTS OF COMPONENTS INVOLVED:

Representative samples of the following components and systems were examined using nondestructive examination techniques.

#### CLASS 1

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	APR SKETCH
Reactor Vessel	B11	1-1100
Pressurizer	B11	1-2100
Steam Generator A	B21	1-3100
Steam Generator C	B21	1-3300
Reactor Coolant System	B13	1-4100, 1-4101, 1-4200, 1-4205, 1- 4300, 1-4501, 1-4502, 1-4503
Safety Injection System	E11	1-4103
Safety Injection System	E21	1-4104

#### CLASS 2

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	APR SKETCH
RHR System	E11	2-4502, 2-4503, 2-4504, 2-4506A, 2- 4507, 2-4508
Containment Spray	E13	NA for 2R19
CVCS	E21	NA for 2R19
Safety Injection	E21	NA for 2R19
Main Steam System	N11	NA for 2R19
Main Steam System	N12	2-4202, 2-4302
Feedwater	N21	NA for 2R19

HYDROSTATIC TESTING: SEE TAB B

NAME OF AUTHORIZED NUCLEAR INSERVICE INSPECTOR: James Haubrich

NAME AND MAILING ADDRESS OF INSPECTOR'S EMPLOYER:

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

ABSTRACT: SEE TAB B

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#### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules

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

Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
<u> </u>			"
		Manufacturer or Installer	Manufacturer or Installer State or

- 8. Examination Dates 05/18/07 to 11/20/08
- 9. Inspection Period Identification: Second Period 05/01/04 to 11/30/07
- 10. Inspection Interval Identification: Third Interval 07/30/01 to 07/30/11
- 11. Applicable Edition of Section XI 1989 Addenda None
- 12. Date/Revision of Inspection Plan: 08/31/07; Version 9
- 13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Tabs B and C
- 14. Abstract of Results of Examinations and Tests. See Tab B
- 15. Abstract of Corrective Measures. See Tab B

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

#### Page 2 of 3

#### FORM NIS-1

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

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

Date Feb 10 2009 Signed Southern Nuclear Operating Co. By Calles (Owner)

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>GENCA</u> and employed by <u>HSB-CT</u> of <u>Hartford</u>. <u>Connecticut</u> have inspected the components described in this Owner's Report during the period <u>FIFO7</u> to <u>II PO DS</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

Inspector's Signature

\_\_\_\_ Commissions GA 827 AIN N

National Board, State, Province, and Endorsements

Page 3 of 3

#### OWNER'S REPORT FOR INSERVICE INSPECTION

DATE:

OWNER NAME AND ADDRESS:

02/16/09

Southern Nuclear Operating Co. 42 Inverness Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Co.)

NAME AND ADDRESS OF NUCLEAR GENERATING PLANT:

NAME ASSIGNED TO NUCLEAR POWER UNIT:

Joseph M. Farley Nuclear Plant Unit 2

See listed NB's for each component

Joseph M. Farley Nuclear Plant

Highway 95 South Columbia, Alabama 36319

OWNER CERTIFICATE OF AUTHORIZATION:

N/A

07/30/81

COMMERCIAL SERVICE DATE:

NATIONAL BOARD NUMBER:

NAME OF COMPONENTS OR PARTS OF COMPONENTS INVOLVED:

Repair and replacement activities related to the third ISI interval.

NAME OF AUTHORIZED NUCLEAR INSERVICE INSPECTOR: James Haubrich

NAME AND MAILING ADDRESS OF INSPECTOR'S EMPLOYER:

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

ABSTRACT: SEE TAB B

# TAB B

Balance of Plant Examination Summary

#### J. M. FARLEY NUCLEAR PLANT UNIT NO 2 INTERVAL 4 PERIOD 1 OUTAGE 1 BALANCE OF PLANT EXAMINATION SUMMARY

#### INTRODUCTION

The ASME Boiler and Pressure Vessel Code, Section XI, 2001 Edition (Code), 2003 Addenda, is the applicable code for conducting inservice inspection activities during the fourth ten-year inspection interval at Farley Unit 2. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in Code paragraphs IWB-2412 and IWC-2412. This "Owner's Report for Inservice Inspection" is for those first inspection period examinations and tests which were performed between May 17, 2007 (date of last examination performed during the eighteenth maintenance/refueling outage, 2R18 / 3-2-2) and November 20, 2008 (date of last examination performed during the nineteenth maintenance/refueling outage, 2R19 / 4-1-1). Farley received approval for FNP-ISI-ALT-01 to start the fourth ISI interval on December 1, 2007.

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

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

In addition to the summary of inservice inspection activities, this report addresses Code-applicable repairs and replacements documented at FNP-2 since 2R18 through the end of 2R19. Class 1 and Class 2 Owner's Reports for Repairs or Replacements (Form NIS-2) are provided herein.

It should be noted that Authorized Nuclear Inservice Inspector (ANII) inspection services were provided for those examinations and tests required by the Code. ASME Section XI examinations and tests are itemized in the applicable sections by reference to Examination Category. Examinations which do not meet the Code-required coverage either reference request(s) for relief or indicate that additional relief is required.

This report does not include a summary of the Steam Generator Tube Inspections which are required per FNP Technical Specification 5.6.10. This (n normally provided in a separate report one hundred eighty (180) days after the initial entry into MODE 4 following completion of an inspection performed in accordance with Technical Specification 5.5.9. There were no Steam Generator tube inspections performed during the 19<sup>th</sup> refueling outage.

#### RESULTS

Certain examinations resulted in recordable indication areas being noted on the basis of procedure recording criteria, which generally are more conservative than specified in the ASME Section XI Acceptance Standards. Indications were evaluated and dispositioned by Indication Evaluation Reports (IER's). A listing of IER's is attached and the data sheets are available at FNP for review. The results are summarized below.

#### SUMMARY OF INDICATIONS

#### CLASS 1

#### (A) VOLUMETRIC EXAMINATIONS

- There were no reportable Class 1 Volumetric indications.
- Eight (8) class 1 welds had limited volumetric coverage during UT examinations because of
  physical limitations due to the geometric configuration of the welded areas. More than ninety
  percent (90%) of the required volume must be examined as addressed in ASME Section XI
  Code Case N-460 for adequate ASME Section XI Code-required examination coverage to be
  attained. As noted herein, the subject code case has been approved by the NRC for use as
  documented in NRC Regulatory Guide 1.147. It is impractical to achieve the ASME Section
  XI Code-required coverage due to the geometric configuration of the welded areas. These
  limited examinations will be submitted to the NRC through the relief request process as
  allowed by 10 CFR 50.55a.

#### (B) SURFACE EXAMINATIONS

• There were no reportable Class 1 Surface indications.

#### (C) VISUAL EXAMINATIONS

• There were thirty eight (38) bolted connections from the Class 1 pressure tests with various degrees of boron accumulation. In each case the boron was removed and either an evaluation or a re-examination found each one acceptable.

#### CLASS 2

#### (A) VOLUMETRIC EXAMINATIONS

- There were no reportable Class 2 Volumetric indications.
- Eight (8) class 2 welds had limited volumetric coverage during UT examinations because of
  physical limitations due to the geometric configuration of the welded areas. As with the class
  1 limitations, these limited examinations will be submitted to the NRC through the relief
  request process as allowed by 10 CFR 50.55a.

#### (B) SURFACE EXAMINATIONS

• There were no reportable Class 2 Surface indications.

#### (C) VISUAL EXAMINATIONS

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• There were no reportable Class 2 Visual indications.

#### ADDITIONAL EXAMINATIONS

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

#### Class 1 System Leakage Testing

In accordance with IWB-5210(a), a system leakage test of the Class 1 Reactor Coolant System Pressure Boundary was performed prior to startup following the 19<sup>th</sup> refueling outage. In addition, to meet the requirements of IWB-5222(b), the boundary of this system leakage test was extended to include all Class 1 pressure retaining components with the exception of the auxiliary spray line which will be testing before the end of the current period. This testing was completed on 11/20/2008. There were fourteen (14) recorded indication of leakage. In each case, the boron was removed and necessary corrective actions were taken. The results of this testing is documented in FNP-2-STP-157 as Indication Evaluation Report 001 (IER 001).

To meet the requirements of IWA-5242(a), insulation was removed from all insulated Class 1 pressure retaining bolted connections for VT-2 visual examination after the system was depressurized. There was a total of total of twenty-four (24) pressure retaining bolted connections which had some degree of boron accumulation. In each case, the boron was removed and any necessary correction actions were taken. The results of this testing is also documented in FNP-2-STP-157 as Indication Evaluation Report 001 (IER 001).

#### Class 2 System Leakage Testing

In accordance with IWC5210(a), system leakage testing was performed during the 19<sup>th</sup> refueling outage on portions of the following systems: Residual Heat Removal, Chemical and Volume Control, Safety Injection, Main Steam, Main Feedwater, Auxiliary Feedwater, and Containment Spray. There were forty (40) recorded indication associated with these tests. In each case, necessary corrective action was performed. The results of this testing is documented in FNP-2-STP-156.2.

#### IWE/IWL Examinations

A portion of the Containment moisture barrier was replaced during the 19<sup>th</sup> refueling outage based on age related degradation described in IWE-3510.4. While the moisture barrier was removed, a visual examination was performed on the normally inaccessible portions of the containment liner plate and no indication of degradation was noted. This inspection is documented work order 2053128401

#### STATUS OF EXAMINATIONS REQUIRED FOR CURRENT INTERVAL

This 2R19 Outage was the 1st Outage, 1st Period of the 4<sup>th</sup> Interval. The results from this outage, combined with the "scheduled" examinations for the next refueling outage (2R20, Spring 2010) will represent 100% of the total Class 1 and 2 scope for the current period and interval. Farley Unit 2 is within ASME Code compliance, pending NRC approval of the volumetric and/or surface examination limitations. Requests for relief will be submitted within the required time frame specified by 10 CFR 50.55a. See Table 1 for completion percentages.

#### Applicable Code Cases

The applicable Code Cases for the 2R19 Outage included:

N-460	N-695
N-663	N-696

Table 1 Farley Unit 2 2R19 Outage Completion Percentages									
<b>0</b> -4	14 NF	Code	<b>D</b>	Percent Of	Total Exams		R19		
Cat.	ltem No.	Case	Population	Population Required To Be Examined	Required During 4 <sup>th</sup> Interval	No. of Exams Completed	% of Total Exams Completed		
B-A	B1.11		3	100%	3	0	0%		
8-A	B1.12		4	100%	4	0	0%		
B-A	B1.21		1	100%	1	0	0%		
B-A	B1.30		1	100%	1	0	0%		
Total:			9		9	0	0%		
B-B	B2.11		2	100%	2	1	50%		
B-B	B2.12		2	100%	2	1	50%		
B-B	B2.40		3	33.33%	1	0	0%		
Total:			7		5	2	40%		
B-D	B3.100		6	100%	6	0	0%		
B-D	B3.110	1	6	100%	6	2	34%		
B-D_	B3.120		6	100%	6 .	2	34%		
B-D	B3.140		6	100%	6	4	67%		
B-D	B3.90		6	100%	6	0	0%		
Total:			30		30	8	27%		
B-F_	B5.10		6	100%	6	3	50%		
B-F	B5.40		5	100%	5	0	0%		
B-F	B5.70		6	. 100%	6	4	67%		
Total:			17		17	7	42%		
B-G-1	B6.10		1	100%	11	0	0%		
B-G-1	B6.180		3	33.33%	1	0	0%		
B-G-1	B6.190		3	0%	0	0	0%		

Table 1       Farley Unit 2       2R19 Outage       Completion Percentages									
Cat.	Item No.	Code Case	Population	Percent Of Population Required To Be Examined	Total Exams Required During 4 <sup>th</sup> Interval	2 No, of Exams Completed	R19 % of Total Exams Completed		
B-G-1	B6.20	<u> anang ang an</u>	1	100%	1	0	0%		
B-G-1	B6.40		1	100%	1	0	0%		
B-G-1	B6.50		1	100%	1	0	0%		
Total:			10		5	0	0%		
B-G-2	B7.20		1	0%	0	0	0%		
B-G-2	B7.30		6	0%	0	0	0%		
B-G-2	B7.50		6	0%	0	0	0%		
B-G-2	B7.60		3	33.33%	1	1	100%		
B-G-2	B7.70		24	0%	0	0	0%		
Total:			40		1	11	100%		
B-J	B9.11		380	25%	95	7	8%		
B-J	B9.21		56	25%	14	0	0%		
B-J	B9.31		15	25%	4	0	0%		
B-J	B9.32		19	25%	5	0	0%		
B-J	B9.40		216	25%	54	0	0%		
Total:			686		172	7	5%		
в-к	B10.10	<u> </u>	1	100%	1	1	100%		
B-K	B10.10(R)	N-700		33.33%	1	0	0%		
<u>В-К</u>	B10.10(R) B10.20	11-700	12	12%	2	0	0%		
Total:			16		4	1	25%		

Table 1 Farley Unit 2 2R19 Outage Completion Percentages									
_			Percent Of	Total Exams	2R19				
Cat.	Item No.	No. Code Case Populatio	Population	Population Required To Be Examined	Required During 4 <sup>th</sup> Interval	No. of Exams Completed	% of Total Exams Completed		
B-L-2	B12.20		3	0%	0	0	0%		
Total:			3		0	0	0%		
B-M-2	B12.50(1)		4	0%	0	0	0%		
B-M-2	B12.50(2)	l	6	0%	0	0	0%		
B-M-2	B12.50(3)	ļ	5	0%	0	0	0%		
B-M-2	B12.50(4)	-	3	0%	0	0	0%		
B-M-2	B12.50(5)		6	0%	0	0	0%		
Total:		<u> </u>	24		0	0	0%		
B-N-1	B13.10		1	100%	1	0	0%		
Total:			1		1	0	0%		
B-N-2	B13.60		4	100%	4	0	0%		
Total:			4		4	0	0%		
B-N-3	B13.70		1	100%	1	0	0%		
Total:			1		1	0	0%		
B-O	B14.10	1	38	18.3%	7	0	0%		
Total:			38		7	0	0%		
C-A	C1.20		3	33.33%	1	1	100%		
C-A	C1.30		3	33.33%	1	0	0%		
Total:			6		2	1	50%		

			1	Table 1 Farley Uni 2R19 Outa Completion Perc	t 2 ge		
Cat.	ltem No.	Code Case	Population	Percent Of Population Required To Be Examined	Total Exams Required During 4 <sup>th</sup> Interval	2R19 No. of Exams % of Total Exams	
<u>tiggi kirittek</u>						Completed	Completed
C-B	C2.21		3	33.33%	1	0	0%
С-В	C2.22		3	33.33%	1	0	0%
Total:			6		2	0	0%
C-C	C3.10	1	6	16.666%	1	1	100%
C-C	C3.20	1	137	10.1%	14	0	0%
C-C	C3.20		24	10.1%	3	0	0%
Total:	03.30		167	10 %	18	1	6%
	······						
C-F-1	C5.11		865	7.5%	65	16	25%
C-F-1	C5.21		409	7.5%	31	0	0%
C-F-1	C5.30		260	7.5%	20	0	0%
C-F-1	C5.41		20	7.5%	2	0	0%
Total:			1554		118	16	14%
							-
C-F-2	C5.51		184	7.5%	14	0	0%
C-F-2	C5.81		4	7.5%	1	0	0%
Total:			188	<u> </u>	15	0	0%
D-A	D1.10		9	44.444%	4	0	0%
D-A	D1.20		201	10.8%	22	0	0%
Total:			210		26	0	0%

	Table 1 Farley Unit 2 2R19 Outage Completion Percentages										
		Code		Percent Of	Total Exams	2	R19				
Cat.	Item No.	Code Case	Population	Population Required To Be Examined	Required During 4 <sup>th</sup> Interval	No. of Exams Completed	% of Total Exams Completed				
F-A	F1.10		168	26.78%	45	0	0%				
F-A	F1.10S		48	0%	0	0	0%				
F-A	F <u>1</u> .20		439	16.62%	73	0	0%				
F-A	F1.20S		28	0%	0	0	0%				
F-A	F1.30		734	10.62%	78	0	0%				
F-A	F1.30S		18	0%	0	0	0%				
F-A	F1.40		84	0%	0	0	0%				
Total:	1		1519		196	0	0%				

.

	APR SUMMARY OF RECORDED INDICATIONS 2008 UNIT 2RF19								
SKETCH	ID	ITEM DESCRIPTION	INDICATION DESCRIPTION	ACCEPT		MONITOR	IER		
N/A	N/A	Pressure Test 160.1-1	Evidence of Leakage and Boron Accumulation	EVALUATION	REPAIR/REPL X	-	NUMBER 001		
				····			••••••••••••••••••••••••••••••••••••••		
					······		<u></u>		
	<del></del>					l			

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# TAB C

### **Examination Program Plan**

	Farley Unit 2 Class 1 Components								
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks			
N-722 B15.80	APR1-1100C-BMI-BMV RPV BOTTOM HEAD INSTRUMENT BMV	NMP-ES-024-208	NA	S08F2V012	Accept	NA			
EA03009 SV	APR1-1300-ABOVE-CH-R-SV REPLACEMENT RPV CLOSURE HEAD OUTSIDE SURFACE	NMP-ES-024-202	NA	S08F2V030	Accept	Opened doors 1, 4, 6 & 10 for examination with insulation installed.			
B-B B2.12	APR1-2100-3 PRZ UPPER SHELL LONG SEAM	NMP-ES-024-516	APR-7	S08F2U015 S08F2U016 S08F2U017	NRI NRI NRI	NA			
B-B B2.11	APR1-2100-7 PRZ UPPER SHELL TO TOP HD.	NMP-ES-024-516	APR-7	S08F2U018 S08F2U019 S08F2U020 S08F2U021 S08F2U022 S08F2U023	NRI NRI NRI NRI NRI NRI	NA			
B-K B10.10	APR1-2100-8 PRZ SUPPORT SKIRT TO BTM. HD.	NMP-ES-024-401	NA	S08F2M003	NRI	NA			
B-D B3.110	APR1-2100-13 PRZ UPPER HD. TO NOZZLE WELD	NMP-ES-024-401 NMP-ES-024-516	APR-7	S08F2M001 S08F2U024 S08F2U025 S08F2U025	NRI NRI NRI NRI	75% Code Coverage. Relief request required.			
B-D B3.120	APR1-2100-13IR PRZ NOZ-INSIDE RADIUS	NMP-ES-024-513	ALA-38 APR-7	S08F2U013 S08F2U014	NRI NRI	NA			
B-D B3.110	APR1-2100-14 PRZ LOWER HD. TO NOZZLE WELD	NMP-ES-024-401 NMP-ES-024-516	APR-7	S08F2M004 S08F2U001 S08F2U008 S08F2U009	NRI NRI NRI NRI	60% Code Coverage. Relief request required.			
B-D B3.120	APR1-2100-14IR PRZ SURGE NOZZLE INSIDE RADIUS	NMP-ES-024-513	ALA-38 APR-7	S08F2U003 S08F2U004	NRI NRI	NA			
B-D B3.140	APR1-3100-IR1R STM GEN NOZ IN RADIUS (HOT LEG)	NMP-ES-024-513	ALA-54 ALA-55	S08F2U039 S08F2U040 S08F2U041	NRI NRI NRI	NA			
B-D B3.140	APR1-3100-IR2R STM GEN NOZ IN RADIUS (CROSS OVER)	NMP-ES-024-513	ALA-54 ALA-55	S08F2U042 S08F2U043 S08F2U044	NRI NRI NRI	NA			

Farley Unit 2 Class 1 Components								
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks		
B-D B3.140	APR1-3300-IR1R STM GEN NOZ IN RADIUS (CROSS OVER)	NMP-ES-024-513	ALA-54 ALA-55	S08F2U057 S08F2U058 S08F2U059	NRI NRI NRI	NA		
B-D B3.140	APR1-3300-IR2R STM GEN NOZ IN RADIUS (CROSS OVER)	NMP-ES-024-513	ALA-54 ALA-55	S08F2U060 S08F2U061 S08F2U062	NRI NRI NRI	NA		
B-F B5.10	APR1-4100-1DM RPV HOT LEG NOZZLE TO SAFE-END	PDI-ISI-254-SE-NB		See Westinghouse Report	NRI	NA		
B-J B9.11	APR1-4100-2 SAFE-END TO PIPE	PDI-ISI-254-SE-NB		See Westinghouse Report	NRI	NA		
B-F B5.70	APR1-4100-25RDM SG SAFE-END TO NOZZLE	NMP-ES-024-507	ALA/APR-33 ALA-RV-7 ALA-62	S08F2U027 S08F2U028 S08F2U029 S08F2U030 S08F2U031 S08F2U032	NRI NRI NRI NRI NRI NRI	52.1% Code Coverage. Relief request required.		
B-F B5.70	APR1-4100-26RDM SG NOZZLE TO SAFE-END	NMP-ES-024-507	ALA/APR-33 ALA-RV-7 ALA-62	S08F2U033 S08F2U034 S08F2U035 S08F2U036 S08F2U037 S08F2U038	NRI NRI NRI NRI NRI NRI	52.1% Code Coverage. Relief request required.		
B-J B9.11	APR1-4101-5 ELBOW TO PIPE	NMP-ES-024-501	ALA-3 ALA-67	S08F2U010 S08F2U011	NRI NRI	Examined weld per RI ISI requirements & base metal per Fig. 2-12 of MRP-146.		
B-J B9.11	APR1-4103-33 PIPE TO ELBOW	NMP-ES-024-501	APR-1 ALA-67	S08F2U077	NRI	50% Code Coverage. Relief request required. Examined weld per RI ISI requirements & base metal per Fig. 2-12 of MRP-146.		
B-J B9.11	APR1-4104-32 PIPE TO ELBOW	NMP-ES-024-501	APR-1 ALA-67	S08F2U005 S08F2U006	NRI NRI	Examined weld per RI ISI requirements & base metal per Fig. 2-12 of MRP-146.		

Class 1 Components								
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks		
B-F B5.10	APR1-4200-1DM RPV HOT LEG NOZZLE TO SAFE-END	PDI-ISI-254-SE-NB		See Westinghouse Report	NRI	NA		
B-J B9.11	APR1-4200-2 SAFE-END TO PIPE	PDI-ISI-254-SE-NB	••• ·	See Westinghouse Report	NRI	NA		
N-722 B15.150	APR1-4205-49DM-BMV PRZ SPRAY SAFE END BMV	NMP-ES-024-202	NA	S08F2V017	Accept	NA		
B-F B5.10	APR1-4300-1DM RPV HOT LEG NOZZLE TO SAFE-END	PDI-ISI-254-SE-NB	Ad un	See Westinghouse Report	NRI	NA		
B-J B9.11	APR1-4300-2 SAFE-END TO PIPE	PDI-ISI-254-SE-NB		See Westinghouse Report	NRI	NA		
B-F B5.70	APR1-4300-24RDM SG SAFE-END TO NOZZLE	NMP-ES-024-507	ALA/APR-33 ALA-RV-7 ALA-62	S08F2U051 S08F2U052 S08F2U053 S08F2U054 S08F2U055 S08F2U055	NRI NRI NRI NRI NRI NRI	52.1% Code Coverage. Relief request required.		
B-J B9.11	APR1-4500-1 BRANCH CONNECTION TO PIPE	NMP-ES-024-501	ALA-2 ALA-67	S08F2U073 S08F2U075 S08F2U076	NRI NRI NRI	45.5% Code Coverage. Relief request required.		
N-722 B15.160	APR1-4501-1DM-BMV PRZ SAFETY SAFE END BMV	NMP-ES-024-202	NA	S08F2V019	Accept	NA		
N-722 B15.160	APR1-4502-1DM-BMV PRZ SAFETY SAFE END BMV	NMP-ES-024-202	NA	S08F2V020	Accept	NA		
N-722 B15.160	APR1-4503-1DM-BMV PRZ SAFETY SAFE END BMV	NMP-ES-024-202	NA	S08F2V021	Accept	NA		
N-722 B15.160	APR1-4504-1DM-BMV PRZ SAFETY SAFE END BMV	NMP-ES-024-202	NA	S08F2V022	Accept	NA		

Farley Unit 2 Class 1 Components								
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks		
B-F B5.70	APR1-4300-23RDM SG SAFE-END TO NOZZLE	NMP-ES-024-507	ALA/APR-33 ALA-RV-7 ALA-62	S08F2U045 S08F2U046 S08F2U047 S08F2U048 S08F2U049 S08F2U050	NRI NRI NRI NRI NRI NRI	52.1% Code Coverage, Relief request required.		
B-G-2 B7.60	APR1-5100-B25 thru B36 R.C. PUMP SEAL HOUSING BOLTING	NMP-ES-024-201	NA	S08F2V032	SAT	NA		
B-G-2 B7.60	APR1-5300-B25 thru B36 R.C. PUMP SEAL HOUSING BOLTING	NMP-ES-024-201	NA	S08F2V038	SAT	NA		

		Farle Class 2 C	y Unit 2 Componer	nts			
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s).	Results	Remarks	
C-A C1.30	APR2-3100-2R LOWER SHELL BARREL A / UPPER TUBESHEET	NMP-ES-024-516	ALA-56 ALA-65	S08F2U067 S08F2U068 S08F2U069	NRI NRI NRI	NA	
C-A C1.20	APR2-3100-6R ELLIPTICAL HEAD / UPPER SHELL	NMP-ES-024-516	ALA-58	S08F2U078	NRI	NA	
C-C C3.10	APR2-3100-10R TRUNION 1	NMP-ES-024-301	NA	S08F2P001	NRI		
C-F-1 C5.11 MRP-192	APR2-4502-6-OE-UT FROM 3" BC TO REDUCER	NMP-ES-024-501	ALA-67	S08F2U084	NRI	NA	
C-F-1 C5.11 MRP-192	APR2-4502-7-OE-UT FROM 3" BC TO REDUCER	NMP-ES-024-501	ALA-67	S08F2U084	NRI	NA	
C-F-1 C5.11 MRP-192	APR2-4503-27-OE-UT FROM 2" BC TO VALVE QV-032A	NMP-ES-024-501	ALA-67	S08F2U071	NRI	50% Code Coverage. Relief request required.	
C-F-1 C5.11 MRP-192	APR2-4503-28-OE-UT FROM 2" BC TO VALVE QV-032A	NMP-ES-024-501	ALA-67	S08F2U071	NRI	50% Code Coverage. Relief request required.	
C-F-1 C5.11 MRP-192	APR2-4503-36-OE-UT APR2-4503-36 & 33" DOWNSTREAM	NMP-ES-024-501	ALA-67	S08F2U081	NRI	NA	
C-F-1 C5.11	APR2-4504-1 TEE TO PIPE & BASE METAL	NMP-ES-024-501	ALA-67	S08F2U083	NRI	Examined per MRP-192.	
C-F-1 C5.11 MRP-192	APR2-4504-8-OE-UT FROM 3" BC TO VALVE QV-038A	NMP-ES-024-501	ALA-67	S08F2U072	NRI	50% Code Coverage. Relief request required.	
C-F-1 C5.11 MRP-192	APR2-4504-9-OE-UT FROM 3" BC TO VALVE QV-038A	NMP-ES-024-501	ALA-67	S08F2U072	NRI	50% Code Coverage. Relief request required.	
C-F-1 C5.11 MRP-192	APR2-4506A-16-OE-UT FROM 3" BC TO REDUCER	NMP-ES-024-501	ALA-67	S08F2U082	NRI	NA	
C-F-1 C5.11 MRP-192	APR2-4507-29-OE-UT FROM 2" BC THRU VALVE QV-032B TO REDUCER	NMP-ES-024-501	ALA-67	S08F2U070	NRI	50% Code Coverage. Relief request required.	

			ey Unit 2 Componen	Its		
ASME Section XI	Examination/Area	Examination Procedure(s)	Cal Block(s)	Exam/Cal Sheet No(s)	Results	Remarks
C-F-1 C5.11 MRP-192	APR2-4507-30-OE-UT FROM 2" BC THRU VALVE QV-032B TO REDUCER	NMP-ES-024-501	ALA-67	S08F2U070	NRI	50% Code Coverage. Relief request required.
C-F-1 C5.11 MRP-192	APR2-4507-31-OE-UT FROM 2" BC THRU VALVE QV-032B TO REDUCER	NMP-ES-024-501	ALA-67	S08F2U070	NRI	NA
C-F-1 C5.11 MRP-192	APR2-4507-38-OE-UT APR2-4507-38 & 33" DOWNSTREAM	NMP-ES-024-501	ALA-67	S08F2U074	NRI	NA
C-F-1 C5.11	APR2-4508-1 TEE TO PIPE & BASE METAL	NMP-ES-024-501	ALA-67	S08F2U079	NRI	Examined per MRP-192.
C-F-1 C5.11 MRP-192	APR2-4508-9-OE-UT FROM 3" BC TO VALVE QV-038B	NMP-ES-024-501	ALA-67	S08F2U080	NRI	50% Code Coverage. Relief request required.
C-F-1 C5.11 MRP-192	APR2-4508-10-OE-UT FROM 3" BC TO VALVE QV-038B	NMP-ES-024-501	ALA-67	S08F2U080	NRI	50% Code Coverage. Relief request required.

# TAB D

Form NIS-2 Owner's Reports for Repairs and Replacements

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

The following Owner's Reports for Repairs or Replacements (Form NIS-2) are provided for work activities documented at FNP-2 since the last maintenance/refueling outage (2R18) through the completion of the nineteenth maintenance/refueling outage (2R19). Reports are identified by their respective job number which is denoted on each of the NIS-2 reports. The originals of the NIS-2 reports are filed with their respective packages at the plant site. Only those NIS-2 reports applicable to FNP-2 are included in this report document. Any attachments, e.g., code data reports, etc., referenced in the NIS-2 reports will be made available for review upon request at the plant site.

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

#### Applicable to Section XI 1989 Edition:

E212072824201 P162070973701

#### Applicable to Section XI 2001 Edition 2003 Addenda:

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B132062742601	N112072623201	P162080117001
B132070793001	N122062741701	P162080117101
E112072095501	N122062746401	P162080117201
E112072667402	N122071367201	P162080117401
E112072667403	N122080689401	P162080117501
E132072667404	N232072960701	P162080117601
E132072667405	N232082093101	P162080117701
E13M400409601	N232082197102	P162080117801
E212061990801	N23DCP207155950-01	P162080117901
E212070139901	N23DCP2071559501-02	P162080118001
E212071066201	P112082087401	P162080118101
E212071236502	P162050687101	P162080118201
E212071857201	P162050697901	P162080437801
E21DCP2050912001-01	P162070991001	P162082128801
E21DCP2081834801-01	P162071923501	P16DCP2072206801-01
G242062746301	P162080116801	
N112071565702	P162080116901	

## Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

	<b>1</b>				I	Job Number				
					l	E21 - 20	072824201	1	Sheet	1 of 2
40 Inver Birming	n Nuclear Operatin rness Center Parkw ham, Alabama 352 It for Alabama Pow	ng Company vay 242	2. Plai	Far Hig	ghway 9	iclear Plant 95 South , Alabama 363	19		Date	NP 2
3. Work perfo	rmed by	L		······		Type Code S	ymbol St	tamp N/A	INUYCHA	Dei 20, 2007
Name : <u>So</u>	outhern Nuclear Oper	rating Company	<u>/ Mainter</u>	nance Departy	<u>ment</u>	Authorizatio	n Numbe	er N/A		
Address :	Joseph M. )	Farley Nuclear	<u>r Plant</u>			Expiration D	ate	N/A		
4. Identificatio	n of System		Charg	ing System, C	Class 2					
<ul><li>5.</li><li>(a) Applicable Co</li><li>(b) Applicable Se</li></ul>	onstruction Code: ection XI Utilized For I	ASME Sectior Repairs Or Repla		19 <u>71</u> , 19 <u>89</u>	Editio Editio		Adder		N/A N/A	Code Case Code Case
6. Identificatio Name of Component	on of Components F Name of Manufacturer	Repaired or Re Manufactu Serial Nun	urer	and Replace National Board No.	1	Components: Other entification	Year Built	Repla	aired, ced, or cement	ASME Code Stamped (Yes / No)
Valve Disc	Velan	7831		N/A	Pf	O: QP040709	2004	Repl	laced	Yes
Valve Disc	Velan	7827		N/A	P(	O: QP040709	2004	Replac	cement	Yes
				-						;
7. Description of Replaced disc in va	f Work raive Q2E21V0122C (c	old disc was leaki	ing by).							
8. Test Conduct Hydrost Pressure	tatic 🗌 Pneumati	ic 🛛 Norma Temperature _	al Operat °I	ting Pressure F	n []	None 🗌 Oth	ler			

## Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

	Job Number	
	E21 - 2072824201	Sheet 2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached) Reference Transaction Number 126511 for issuance of new part.		
	<u></u>	
	***************************************	
		· · · · · · · · · · · · · · · · · · ·

Certificate of Compliance							
We certify that the statements made in the report are correct ASME Code, Section XI.	and this	replacement repair or replacement	conforms to the rules of the				
Type Code Symbol Stamp N/A							
Certificate of Authorization Number	N/A	Expiration Date	N/A				
Signed Lon June Maintenance Manager Date 1/27/09							

Certificate of Inservice Inspection								
I, the undersigned, holding a valid commission issued to or Province of and emplet and emplet 	boyed by performed examples of the ASME Co employer make Owner's Repo	to minations a de, Section s any warra rt. Further	have inspected the have inspected the have inspected the have in XI. anty, expressed or implied more, neither the Inspecto	of ne components described , and state that ures described in this l, concerning the or nor his employer shall				
Date 1/27/09	Commissions	<u>Gt</u> N	<b>827</b> AIN National Board, State, Provinc	ce, and Endorsements				

RType : L1.52

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES* As Required by the Provisions of the ASME Code, Section III 2 Pg. 1 of 2									
		d One Day's Production	PAG	<u> </u>					
1. Manufactured and certified by	VELANING 2125 WAR	DAVE., MONTREAL., QUEBE		4M 1T6					
1. Manulactured and centiled by		address of NPT Certificate holder)	= Z	2082					
2. Manufactured for ALABAMA	POWER COMPANY C/O SO		X 1295 BIRM	INGHAM AL 35201 LISA					
2. Manufactured for ACADAMA	(name and )	address of Purchaser)							
3. Location of installation F	3. Location of installation FARLEY NUCLEAR PLANT HIGHWAY 95 SOUTH COLUMBIA AL 36319 USA								
	(name and address)								
4. Type: 78431_REV.C		75,000 PSI (tensile strength)	N/A (CRN)	2004 (year built)					
5. ASME Code, Section III, Divis	ion 1: <u>1971</u> (edition)	SUMMER-1971 (addenda dale)	(dass)	Code Case no.)					
	Const Sans (Div 2 only)	N/A Dovision N//	N Dei	h N/A					
6. Fabricated in accordance with	Const. Spec. (Div. 2 only)	N/A Revision N/A	<u>1</u> Da	te <u>N/A</u>					
7. Remarks: DISCS HEAT NUM	ARER: 74244 Test No. 60130								
•									
SPARE PART FO	R 3" - 1500# BOLTED COVER	R STAINLESS STEELSWING	CHECK VALV	E; WID: 3C88					
			······································						
8. Nom. thickness (in.) <u>N/A</u> M	in. design thickness (in.) <u>N/A</u>	Dia. ID (ft & in.) N/A	Lengt	h overall (ft & in.) N/A					
9. When applicable, Certificate H	olders' Data Reports are attac	hed for each item of this report	t						
T	· · · · · · · · · · · · · · · · · · ·		T	<u> </u>					
Part or appurtenance	National Board No. in	Part or appurten	ancé	National Board No. in					
Serial Number									
Senai Number	Numerical Order	Serial Number	51	Numerical Order					
(1) DISC SN: 7827	N/A	(26)		••••••••••••••••••••••••••••••••••••••					
(2) DISC SN: 7830 (3) DISC SN: 7831	N/A N/A	(27)							
(4)		(29)							
(5)		(30)							
(6)		(31)							
(7)		(32)		·					
(8)	Management of the second s	(33)							
(9)		(34)		· · · · · · · · · · · · · · · · · · ·					
(11)	**************************************	(36)		<u></u>					
(12)		(37)							
(13)		(38)							
(14)		(39)							
(15)		(40)							
(16)	······································	(41)							
(17)(18)		(42)							
(18)(19)	<u></u>	(44)							
(20)	······································	(45)							
(21)		(46)							
(22)		(47)							
(23)		(48)							
24)		150)							
		(50)							

10. Design pressure\_N/A\_psi. Temp.\_N/A °F. Hydro test pressure\_N/A\_at temp. °F Operating Condition: 2500 at 650 F "Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM N-2 (Back - Pg. 2 OF 2)

Certificate Holder's Serial Nos. 7827,7830 through 783 -

	CERTIFICATION OF DESIGN $S = 0.19006$							
Design specifications certified by	N/A	P.E.State	N/A	Reg.no N/A	S-042082			
	(when applicable)							
Design report* certified by 8 N/A	·	P.E.State	N/A	Reg.no N/A	PAGE 4			
{w	ien applicable)	•						
CERTIFICATE OF COMPLIANCE								
We certify that the statements made in this report are correct and that this (these) <u>3"-1500# SWING CHECK VALVE DISCS</u> conforms to the rules of construction of the ASME Code, Section III, Division 1.								
NPT Certificate of Authorization N	NPT Certificate of Authorization No. N-2798-2 Expires APRIL 20, 2007							
Date 8 NOV. 2004 Name	VELAN	INC.	Signed	to	XI Jent			
	(NPT Certificati	e Holder)		$\Box$	(Authonized Representative)			
I, the undersigned, holding a valid commission issued by the National Board and Pressure Vessel Inspectors and the State or Province of <u>Quebec</u> and employed by <u>REGIE DU BATIMENT DU QUEBEC</u> , of <u>Quebec</u> have inspected these items described in this Data Report on <u>November 10</u> 2004								
and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment								
described in this Data Report. Fur property damage or loss of any kir					liable in any manner for any personal injury or JP.FACHINETTI QC # 13813			
Date Nov. 10 2004 Signed	Authorized inspec	Yer.	c	ommissions (Nati. Bd. (incl. endorse	RÉGIE DU BATIMENT OU OUÉBEC			

## Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

						Job Number					
						P16 - 2	2070 <u>9737</u> 0	1	Sheet	1 of 2	
1. Owner2. PlantSouthern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)2. Plant Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319							Unit FNP 2 Date September 21, 2007				
3. Work performed by Type Code Sym						Symbol S					
Name : <u>S</u>	outhern Nuclear Ope	rating Company	<u>/ Mainte</u>	enance Depart	<u>ment</u>	Authorizatio	on Numb	er			
Address : Joseph M. Farley Nuclear Plant Expira					Expiration I	N/A piration Date N/A					
4. Identificatio	on of System			Service Wate	s, CLA	·ss 3					
<ul><li>5.</li><li>(a) Applicable Co</li><li>(b) Applicable Se</li></ul>	enstruction Code:	ASME Sectior Repairs Or Repla		19 71 , 19 <u>89</u>	Editio Editio		1 Adde Adde	···	1555 N/A	Code Case Code Case	
6. Identification Name of Component	on of Components I Name of Manufacturer	Repaired or Re Manufactu Serial Nun	ırer	and Replace National Board No.	ļ	Other Year R Identification Built Rep		Repai Replace Replace	ed, or	ASME Code Stamped (Yes / No)	
Relief Valve	J.E. Lonergan Co.	210289-16	-4	N/A		O: FNP-51	1978	Replaced		Yes	
Studs	Texas Bolt Col	HT # RR2	7	N/A	PO: 7047-Q-62015		1973	Replaced		No	
Nuts	Texas Bolt Co.	HT # RR6	3	N/A PO		7047-Q-62015	1973	Replaced		No	
		·····									
Relief Valve	Crosby	N99904-00-0	002	N/A	PO	PO: QP050509		Replacement		Yes	
Studs	Mackson	HT # 12816	0	N/A	PO	: QP040803 2006		Replacement		No	
Nuts .	Nova	HT # B8703	5	N/A	PO: QP060302		2006	Replacement		No	
7. Description of											
Replaced relief valuates the seat.	atic 🗌 Pneumatic		Operatí	ing Pressure		all mounting st		The old va	ve was l	eaking by	

F

# Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

	Job Number	
	P16 - 2070973701	Sheet 2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached) Reference Transaction Number 117042 for issuance of new valve and 120972 for issuance of new h	nardware.	
		· · ·

Certificate of Compliance					
We certify that the statements made in the report are con ASME Code, Section XI.	rrect and this	replacement repair or replacement	conforms to the rules of the		
Type Code Symbol Stamp		N/A			
Certificate of Authorization Number	N/A	Expiration Date	N/A		
Signed <u>Hop Asia D Jep KINS</u> Owner or Owner's J		intenance Manager Date			

Certificate of Inservice Inspection						
I, the undersigned, holding a valid commission issued by the National Board of Boiler and or Province of	of have inspected the components described $\frac{26}{9}$ , and state that corrective measures described in this ressed or implied, concerning the ither the Inspector nor his employer shall					
inspection. Commissions GA S27 Inspector's Signature Date	7 AIN Dard, State, Province, and Endorsements					

Q.C.-44C-1 Sheet 1 of 2

		1 FOR SAFET					
		DAT	TA REPORT				
I. Manufactured By	. –	···· •·· ••· ••·	d Crosby, 43	Kendrick S	i., Wrentham	, MA 02093	
Model No. 972	1851E Order No	. U944270000		nd Address 07/27/0		Board No.	
2. Manufactured For	Al	ABAMA POW	ER COMPAN	١Y	Order	NoQP05	0509/001
3. Owner					IY		
4. Location of Plant			Name and Ad	dress			
5. Valve Identification	163630F	Serial N	lo. <u>N99904</u> -	00-0002	Drawing No.	DS-C-99904	AREV. A
Type <u>S</u> Safety, Safety	· Dallof Dilat Dave		Ial	•		* *	Inch
6. Set Pressure (PSIG)	1.	54		<u></u>	105 Dated Trees		° F
Stamped Capacity	71 GPM WATER@ 70	DEG.F @ 109	% Overpre	ssure <u></u> I	Blowdown (ps	ig)2	0%
Hydrostatic Test (PS	SIG) Inlet	425	Complete Val	ve	·	100	
7. The material, design	, construction and	workmanship co	mply with AS	SME Code	, Section III.		
Class 2	Edition 19	074 Add	enda Date _	SUMMER	1975 Case 1	No	N/A
Pressure Containing	or Pressure Retaini	ing Components	,				
		Serial No	).		Material Spe	cification	
a. Castings		Identifica	tion		Including Ty	pe or Grade	
Body	-						
Bonnet b.Bar Stock and Forg							
Support Rods	mgs						
Nozzie	-			. <del></del>		·	
Disc	- 1	199915-NGUD		ASME	SA479 TYPI	E 316	
		196444-70-0415					
Spring Washers		196444-70-0417		ASME	SA193 GR. 1	36	
Adjusting Bolt	<u></u>	196388-68-0311		·····	SA193 GR. I		
Spindle	N	196386-67-0221		ASME	SA193 GR. H	36	

1./

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Form NV-1 (Back)	Certificate Holder's Serial No	N9990	4-00-0002	Q.C4 Sheet 2
	:	Serial No. Identification	Material Spec Including Type	
c. Spring	1	1X5484-0085	ASTM A313 TY	PE 316
d. Bolting				
e. Other Parts such as P	ilot Components			
Base		3-33-0005	ASME SA479 TYPE 31	6
Lap Joint Stub End	N99865	5-33-0005	ASME SA182 GR. F31	6
Lap Joint Flange	N96442	-43-0028	ASME SA182 GR. F31	6
Cylinder	N99914	-34-0010	ASME SA351 GR. CF8	M
Weld Neck Flange	N99866	-33-0006	ASME SA182 GR. F316	3
·		Greenwood Crosby		
Date 22-DEC	Anderson 0 20 0 5 Signed Wre Man		30-Sep-07	
Date 22-DEC	Anderson 0 20 0 5 Signed Wre Man	Greenwood Crosby ntham, MA By ufacturer		
Date 22-DEC	Anderson 0 20 0 5 Signed Wre Man	Greenwood Crosby ntham. MA By ufacturer Expires	30-Sep-07 Date	
Date <u>22-DEC</u> Certificate of Authorization I, the undersigned, h State or Province of	Anderson ( 20 0 5 Signed Wre Man on No. <u>N-1878</u> <u>CERTIFICATE O</u> olding a valid commission issued by the MA and employed by H	Greenwood Crosby ntham, MA By ufacturer Expires F SHOP INSPECT National Board of Boile SB - CT	<u>30-Sep-07</u> Date <u>TION</u>	and the
Date <u>22-DEC</u> Certificate of Authorization I, the undersigned, h State or Province of have inspected the	Anderson ( 20 0 5 Signed Wre Man On No. N-1878 CERTIFICATE O Olding a valid commission issued by the MA and employed by Hequipment described in this Data R (2 - c)	Greenwood Crosby ntham, MA By ufacturer Expires F SHOP INSPECT National Board of Boile SB - CT Eport on 2/- 2005 and s	<u>30-Sep-07</u> Date <u><b>TION</b></u> r and Pressure Vessel Inspectors a state that to the best of my	and the
Date <u>22 - DEC</u> Certificate of Authorization I, the undersigned, h State or Province of have inspected the	Anderson ( 20 0 5 Signed Wre Man 20 0 5 Signed Mre Man 20 0 5 Signed Mre Man 20 0 5 Signed Mre Man CERTIFICATE O CERTIFICATE O CERTIFICATE O MA and employed by He equipment described in this Data R 12 - 3 ief, the Manufacturer has constructed	Greenwood Crosby ntham, MA By ufacturer Expires F SHOP INSPECT National Board of Boile SB - CT Eport on 2/- 2005 and s	<u>30-Sep-07</u> Date <u><b>TION</b></u> r and Pressure Vessel Inspectors a state that to the best of my	and the
Date <u>22 - DEC</u> Certificate of Authorization I, the undersigned, h State or Province of have inspected the knowledge and beli Subsections of ASM By signing this cert concerning the equi	Anderson ( 20 0 5 Signed Wre Man 20 0 5 Signed Wre 20 0 5 Signed Wre 2	Greenwood Crosby <u>ntham, MA</u> By <u>ufacturer</u> <u>Expires</u> <u>F SHOP INSPECT</u> E National Board of Boile <u>SB - CT</u> <u>eport on</u> <u>2/- 200 S</u> and s <u>rd this equipment in acc</u> <u>s employer makes any</u> t. Furthermore, neith	<u>30-Sep-07</u> Date <u><b>TION</b></u> r and Pressure Vessel Inspectors a state that to the best of my cordance with the applicable warranty, expressed or implie er the Inspector nor his employ	ed, yer
Date <u>22 DEC</u> Certificate of Authorization I, the undersigned, h State or Province of have inspected the knowledge and beli Subsections of ASM By signing this cert concerning the equi shall be liable in an connected with this	Anderson ( 20 0 5 Signed Wre Man 20 0 5 Signed Mre Man 20 0 5 Signed Mre Man 20 0 5 Signed Mre Man 20 0 5 Signed Mre Man CERTIFICATE O CERTIFICATE O CERTIFICATE O MA and employed by He equipment described in this Data Re 12-3 2-3 2-3 2-3 2-3 2-3 2-3 2-3	Greenwood Crosby <u>ntham, MA</u> By <u>ufacturer</u> <u>Expires</u> <u>F SHOP INSPECT</u> e National Board of Boile <u>SB - CT</u> eport on <u>2/- 200 S</u> and s d this equipment in act s employer makes any t. Furthermore, neith r property damage or a	<u>30-Sep-07</u> Date <u><b>TION</b></u> r and Pressure Vessel Inspectors a state that to the best of my cordance with the applicable warranty, expressed or implie er the Inspector nor his employ a loss of any kind arising from	ed, yer

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As Required By The Provisions Of The ASME Code Section XI

1.	Owner Southern Nuclear Operating Company		iny	Date	Nov. 3 <sup>rd</sup> 2008			
		40 Inverness Cer Birmingham, AL			Sheet	1	of	2
			Address		••••			
2.	Plant	Farley Nuclear Pla			Unit		FNP 2	
			Name					
			h Columbia, Al 36	319			2062742601	
			Address		Hepair/Hepla	cement Organ	ization P.O. No., Jo	b No., etc.
3.	Work Pe	rformed by SN	VC Maintenance de	apt	Type Code Symbol S	tamp	N/A	
	•••		Name		Authorization No.		N/A	
					Expiration Date		N/A	
		Joseph M. I	Farley Nuclear Plai	nt				
			Address					
4.	Identifica	ation of System			REACTOR COOLA	NT SYSTEM	CLASS 1	
5.	(a) Appli	cable Construction	Code SE	E NOTE		•	enda,	Code Case
J.	(b) Appli		tion XI Used for R	epair/Replac	ement Activity 2001 E			
6.	Identifica	ation Of Component	S					
	ne of ponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	ANICAL	PACIFIC	319	NA NA	FNP-222	1977	REMOVED	No
	BBER	SCIENTIFIC	319	INA	FINF-222	1977	REMOVED	NO
	AULIC	LISEGA	03615185/24	NA	QP070079	2007	INSTALLED	No

7.	Description of Work	REPLACEMENT S	NUBBER RCR-147B	WAS REPLACED	DUE TO A SCHEDULED	D UPGRADE:
	REFERENCE TRANS	SACTION # 141144	<b>VT-3 WAS PERFC</b>	RMED AFTER SI	NUBBER WAS INSTA	ALLED

**Test Conducted:** 8.

Hydrostatic Pneumatic Nominal Operating Pressure Exempt

## Remarks SUPPORTS DESIGNED TO AISC-1969 AND WELDED TO AWS D1.1-86. Applicable Manufacturer's Data Reports to be attached 9.

7 1

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#### **REFERENCE EQUIVALENCY DETERMINATION** PDE S 96 0 0225

We certify that the statements m	+	OF COMPLIANCE re correct and that this REPLA	CEMENT conforms to the
rules of the ASME Code, Section XI.			replacement
			•
Type Code Symbol Stamp		N/A	
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>62</u> Asin O Jorn Owner or Owner's Design	<u>αως Μαιντ, Τέφα</u> nee, Title	Leaver Date 1/2/09	
· · · · · · · · · · · · · · · · · · ·			······································
CI	ERTIFICATE OF IN	SERVICE INSPECTION	
period <u>9/34/68</u> to belief, the Owner has performed exam accordance with the requirements of the	ave inspected the 	and employed by components described in this 2, and state that to the corrective measures describe tion XI.	of s Owner's Report during the ne best of my knowledge and ed in this Owner's Report in
By signing this certificate neither concerning the examinations and corre- Inspector nor his employer shall be liab kind arising from or connected with this	ective measures de ble in any manner f inspection.	escribed in this Owner's Repo for any personal injury or prop	ort. Furthermore, neither the
	Commi	issions <u>GA 827 AIN</u>	
inspector's Signature		National Board, State, Prov	vince and Endorsements
Date 1/13/09			

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

1.	Owner:	Southern Nuclear	Operating Co.	C	)ate:	No	vember 5, 2008	
	40 Inverne	<i>Name</i> ss Center Parkway; Birn	ningham, AL 35242	- s	heet: 1	of	2	
2.	Plant:	Address Joseph M. Farley Nucle		- נ	Init:		FNP Unit 2	
		Name orth State Hwy 95; Colu	mbia, AL 36319	~	Work Order No.:	B13 - 2	070793001	
З.	Work Performed I	Address By: FNP Mainte	enance Department	т	Repair/Replacen ype Code Symbo	-	anization PO No, Ni	
	7388 N	Name orth State Hwy 95; Colu	mbia, AL 36319	- A	uthorization No.:		N/A	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Address		- E	xpiration Date:		N/A	
4.	Identification of Sy	/stem:	TPNS: Q2B13V077A (PF	ZR Spray	PCV-444C Inlet L	ine Drain	Isolation Valve)	
5.	(a) Applicable Cor	struction Code:		Edition,	Winter 1971 * A	ddenda,	N/A	Code Case
	(b) Applicable Edi	tion of Section XI Used f	Year or Repair/Replacement Ac	ctivity:	2001 A	ddenda:	20(	)3
	(c) Applicable Sec	tion XI Code Case(s):			N/A			
6.	Identification of Co	omponents:						
	Name of Componer	nt Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	Disc	Kerotest	9915-9-(1)	N/A	PO: FNP2-55	1975	Removed	Yes **
	Disc	Flowserve	30326-4-1 ***	N/A	PO: QP080274	2008	Installed	Yes
							······································	
7.	Description of Wor	k:	Replace	ed disc in v	alve Q2B13V077	4.		L
8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal C	perating Pressure	• 🗖	Exempt	2
		Other	Fressure:	ps	Tesi Ten	np.:	۴	

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.

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Ed., Winter 1971 Add. and Para. NB6111.1(c) of Winter 1972 Add.

Applicable Manufacturer's Data Reports to be attached \*\* Disc was stamped as a part of the complete valve assembly (valve serial number SXD1-14).

\*\*\* Note that the disc serial number may only be viewed by disassembling the complete disc assembly.

Reference Transaction Number 140756 for issuance of new disc.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in the	e report are correct and that this conform	is to the requirements o	f the ASME Code, Section XI.
Type Code Symbol Stamp:		N/A	
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Signed:	Asia O. Jerkins, Maintenance Te	am Leader Date:	12/15/08
Owner	or Owner's Designee, Title		- / /

	CERTIFICATE OF I	SERVICE INSP	ECTION	
I, the undersigned, holding a	valid commission issued by the	National Board of	Boiler and Pressure Vess	el Inspectors and the
State or Province of	land employed by	HSB C	T	
of HARTPORD	a –		have inspected the cor	nponents described in this
Owner's Report during the period	d 11/03/08	to	1/13/09	, and state that to
the best of my knowledge and b	elief, the Owner has performed	examinations and	taken corrective measures	s described in this
Owner's Report in accordance w	ith the requirements of the ASN	E Code, Section	XI.	
examinations and corrective mea liable in any manner for any pers	sonal injury or property damage	Report. Further or a loss of any k mmissions:	more, neither the Inspector	r nor his employer shall be ed with this inspection.
Date: 1/13/09				

· · · · · · · · · · · · · · · · · · ·	As Required by the Pro Not to Exc	eed One Day's Product		
				Pg, 1 of _2
1. Manufactured and certified by		00 S. Saunders St. Raleigh,	NC 27603	
1. Menulactured and certified by	······································	iname and address of Ni	PY Certificate Holder)	
2. Manufactured for	POWER COMPANY/ PO BOX			
AL AD	AMA POWER COMPANY/ FAR	(name and address of purch		
3. Location of installation	AMA POWER COMPANY FAR	LET NUCLEAR PLANTY COLU	IMDIA AL 20319	
		Instite and addre		
72517543 R/G	SA479-316	N/A	N/A	2008
4. Type (arewing no.)		(tensile strength)	ICRN)	(year built)
5. ASME Code, Section III, Division	1971	WINTER, 1971	1	N/A
S. ASIVIE CODE, SECTION III, DIVISI	(edition)	(addenda date)	(class)	(Code Case np.)
6. Fabricated in accordance with	Const. Spec. (Div. 2 only)	N/A Revision	N/A	Date N/A
		(no.)		
7. Remarks: Disc for 3/4" 1500	Y-TYPE GLOBE VALVE	·····		

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES\*

8. Nom. thickness (in.) <u>N/A</u> Min. design thickness (in.) <u>Per #4</u> Dia. ID (ft & in.) <u>N/A</u> Length overall (ft & in.) <u>N/A</u>
 9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part of Appurtenance Serial Number	National Board No. in Numerical Order
30326-4-1	N/A	(26)	
30326-4-2	N/A	(27)	
30326-4-3	N/A	(28)	
30326-4-4	N/A	(29)	······································
30326-4-5	N/A	(30)	
30326-4-6	N/A	(31)	······································
30326-4-7	N/A	(32)	
30326-4-8	N/A	(33)	
30326-4-9	N/A	(34)	
30326-4-10	N/A	(35)	
30326-4-11	N/A	(36)	· · ·
30326-4-12	N/A	(37)	
30326-4-13	N/A	(38)	
30326-4-14	N/A	(39)	
30326-4-15	N/A	(40)	
30326-4-16	N/A	(40)	
30326-4-17	N/A	(42)	
		(43)	
· · · · · · · · · · · · · · · · · · ·		(45)	
		(46)	
		(47)	
		(48)	
	×	110)	
		(50)	

\* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is  $8^{1}/2 \times 11$ , (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(11/05)

10.

FORM N-2 (Back — Pg. 2 of Certificate Holder's Serial CERTIFICATION OF DESIGN		326-4-1	through	20226 4 12
CERTIFICATION OF DESIGN			unougn L	30326-4-17
				1
Design specifications certified by F	P.E. State	N/A	Reg. no.	N/A
(when applicable) Design report* certified by F (when applicable)	P.E. State	<u>N/A</u>	Reg. no.	<u>N/A</u>
CERTIFICATE OF COMPLIANCE				
We certify that the statements made in this report are correct and that this (these) conforms to the rules of construction of the ASME Code, Section III, Division 1. N-1563 NPT Certificate of Authorization No Expi	res	Part 11-26-09		2
Date 8/26/08 Name Flowserve Corporation Sign	ned	Turbol 120	C representatio	ve)
CERTIFICATE OF INSPECTION		/	<u> </u>	······································
I, the undersigned, holding a valid commission issued by the National Board of Boiler and of <u>NC</u> and employed by <u>HSB CT</u> of <u>Hartford, CT</u> have inspected these items described in this Data Report best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurt III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expres in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in an or loss of any kind arising from or connected with this inspection. Date <u>8/27/c8</u> Signed <u>Commis</u>	ort on lenances i essed or in y manner	n accordance with nplied, concernin for any personal	, and th the ASM g the equip injury or p	state that to the E Code, Section oment described

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

1.	Owner:	Southern Nuclear (	Operating Co.		Date:	No	vember 9, 2008	
	10	Name	incham AL 25040	-	hoot: 1		0	
	40 Inverness	Center Parkway; Birm	lingnam, AL 35242	-	Sheet: 1	of	2	
		Address						
2.	Plant: Jo	seph M. Farley Nucle	ar Plant (FNP)	- U	Jnit:		FNP Unit 2	····
		Name						
	7388 North	n State Hwy 95; Colur	nbia, AL 36319		Work Order N			
		Address				-	anization PO No,	
З.	Work Performed By:	·····	nance Department	. Т	ype Code Syr	nbol Stamp:	N/	A
		Name						
	7388 North	n State Hwy 95; Colur	nbia, AL 36319	. A	uthorization N	0.:	N/A	····
		Address						
				E	Expiration Date	:	N/A	
4.	Identification of Syste	em:	TPN	S: Q2E11F	2001A (2A RH	R Pump)		
5.	(a) Applicable Constr	uction Code:	Section III , 1986	Edition,	None	Addenda,	N-71-15	Code Case
			Year					_
	(b) Applicable Edition	of Section XI Used for	or Repair/Replacement Ac	tivity:	2001	Addenda:	200	03
				_	Year	-		
	(c) Applicable Section	n XI Code Case(s):			N/A			
6.	Identification of Comp	oonents:						
I	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Dn Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	Seal Gland	Coulter Steel & Forge Company	93P-10794 *	913 *	PO: QP93-1	439 1993	Removed	Yes *
	Seal Gland **	Flowserve	RLSA12193	N/A	PO: QP0710	089 2008	Installed	Yes
					]			<b></b>
					<b></b>			
_								
	· · · · · · · · · · · · · · · · · · ·	1	······					
					· · · · · · · · · · · · · · · · · · ·			
<u> </u>		1		·	······			
				· · · · · · · · · · · · · · · · · · ·			·····	
		1						
7.	Description of Work:	••••••••••••••••••••••••••••••••••••••	Replaced mechanical se	eal (includi	ng the gland)	on the 2A RI	IR Pump.	
8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal C	Operating Pres	sure 🔽	Exempt	
		Other	Pressure:	ps	i Test	Temp.:	۴F	

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.

9. Remarks \* The serial number, national board number, and the ASME code stamping all refer to the entire mechanical seal

Applicable Manufacturer's Data Reports to be attached assembly. The heat number for the seal gland was 8654751.

\*\* The seal gland was a part of a complete mechanical seal assembly. Reference part numbers 11 and 11.1 of drawing U732811.

NOTE: Two mechanical seal packages were used as a part of this work order. The first seal (not listed under section 6 above)

failed and was replaced with the seal listed above. The serial number for the seal that failed was RWNA04845. It was manufactured

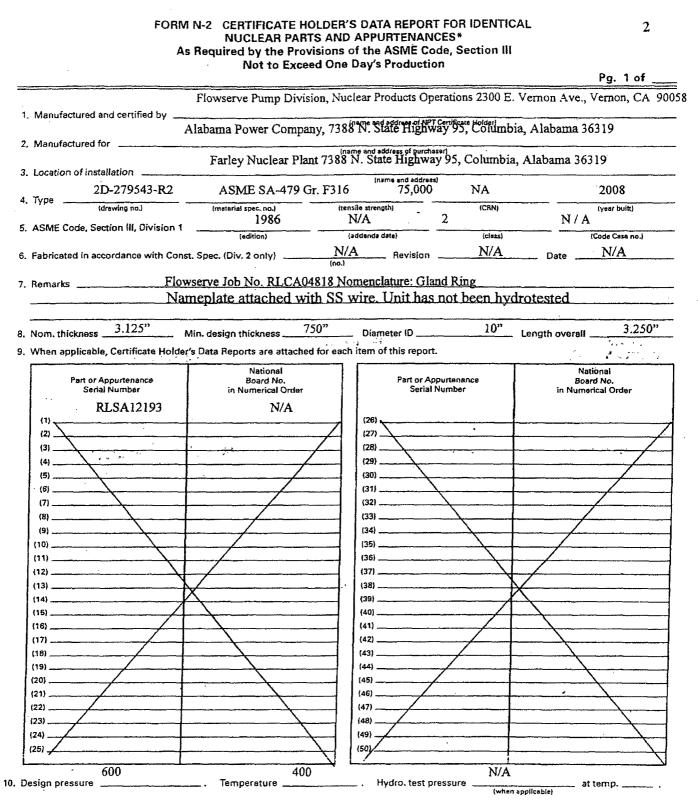
by Flowserve in 2006 and purchased on PO: QP050871.

Reference Transaction # 145053 for the issuance of the new seal (and Transaction # 144099 for the issuance of the failed seal).

	CERTIFICATE OF COMPI	LIANCE	
I certify that the statements made in t	he report are correct and that this co	onforms to the requirements of	the ASME Code, Section XI.
Type Code Symbol Stamp:		N/A	
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Signed:	Asia O. Jerkins, Maintenan	nce Team Leader Date:	12/15/00
Owne	er or Owner's Designee, Title		•

CERTIFICATE	OF INSERVICE INS	SPECTION	
I, the undersigned, holding a valid commission issued by	y the National Board	of Boiler and Pressure Ve	essel Inspectors and the
State or Province of GOLGIA and employed t	by HSB CT	-	
of HARTORD, CT		have inspected the	components described in this
Owner's Report during the period 11/0+/08	<b>≻</b> i	to 1/07/09	, and state that to
the best of my knowledge and belief, the Owner has perform	med examinations a	ind taken corrective measi	ures described in this
Owner's Report in accordance with the requirements of the	ASME Code, Section	on XI.	
By signing this certificate neither the Inspector nor his en examinations and corrective measures described in this Ov liable in any manner for any personal injury or property dam	wher's Report. Furth nage or a loss of any	nermore, neither the Inspe y kind arising from or conn	ctor nor his employer shall be
// Inspector's Signature	Commissions:	GA 827 AIN National Board State E	Province, and Endorsements
		Matorial Doard, Otale, I	
Date:/0109			

 $(1,1)_{X} \in \mathbb{R}^{n-1}$ 



\*Supplemental information in the form of lists, sketches, or drawings may be used provided: (1) size is 8<sup>1</sup>/<sub>2</sub> × 11; (2) information in items 2 and 3 on this Data Report is included on each sheet; and (3) each sheet is numbered and the number of sheats is recorded at the top of this form.

(09/06)

FORM	N-2	(Back	Pg.	2 o	f_	)
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2

	Certificate Holder's	Serial Nos	RLSA12193 through	RLSA1219
	CERTIFICATION OF DESI	GN		
Design specifications certified by	Jan Dudiak P.J. Nagengastolicable) (when applicable)	P.E. State	PA Reg. nr NJ Reg. nr	04 <u>1790-E</u> 0
	CERTIFICATE OF COMPLIA	NCE		
			Gland Ring	
	in this report are correct and that this (these)	·····	······································	
NPT Certificate of Authorization No.	N-1131	_ Expires	June 10, 2	2008
	erve Pump Division, Nuclear Products Operations (NPT Certificate Holder)	_ Signed Z	Tave Demo	tative)
······································	CERTIFICATE OF INSPECT	10N		
of <b>WARTERO CI</b> . h best of my knowledge and belief, the C Division 1. Each part listed has been au By signing this certificate neither the i	mmission issued by the National Board of Boild by	a Report on ppurtenances i , , expressed or	G-10-08, and accordance with the ASN implied, concerning the example.	and state that to the AE Code, Section III, quipment described
Date G-10-08 Signed	(Authorized Nuclear Inspector)	ommissions	VES 12030 A-1	ad state or prov. and no.]

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

1.	Owner:		Southern Nuclear C	Operating Co.	-	Date:	Jai	nuary 30, 2008	
			Name						
	40	Inverness C	Center Parkway; Birm	ingham, AL 35242	_ 5	Sheet: 1	of	2	
	<del>-</del>		Address		-	· · · · · · · · · · · · · · · · · · ·			
2.	Plant:	Jos	eph M. Farley Nucle	ar Plant (FNP)		Jnit:		FNP Unit 2	
			Name		<b>.</b>				
		7388 North	State Hwy 95; Colun	nbia, AL 36319		Work Order No.:	E11 - 2	072667402	
	·····,		Address			Repair/Replacen	nent Orga	nization PO No,	Job No, etc.
3.	Work Perfe	ormed By:	FNP Mainte	nance Department	ا -	Type Code Symbol	Stamp:	N/	Α
			Name						
		7388 North	State Hwy 95; Colun	nbia, AL 36319	- 4	Authorization No.:		N/A	
			Address						
					E	Expiration Date:		N/A	
4.	Identification	on of Syster	n:	TPNS: Q2E11-H	CC-364 (I	RHR/LHSI System	), ASME	Class 3	
				·				<b>N</b> 1/A	<u>.</u>
5.	(a) Applica	ible Constru	ction Code:		Edition,	None A	ddenda,	N/A	_ Code Case
		1-1- <b>-</b> -1141		Year	naturtar co	0001	dalamata.	000	NG
	(D) Applica	ble Ealtion	of Section XI Used to	or Repair/Replacement Ac		2001 A Year	ddenda:	200	
	(a) Amelian	hia Castian	VI Code Conn(a)			near N/A			
	(c) Applica	Die Section	XI Code Case(s):			INA			
6	Identificativ	on of Comp	onents:						
0.	- contratoute	on or comp		J					
					National	0	l v	Corrected,	ASME Code
1	Name of Co	mponent	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
			Wandlacture		No.	Mernanoadori	Duit	Installed	(Yes or No)
	4 (0) 10		Alleghany Ludium	LIT # 040009	N/A	PO: QP3555	1989	Installed	No
	1/2" PI	ate	Steel	HT # 840898	IN/A	FO. 0F3555	1909	Installed	PiO
	1/4" PI	lata	Alleghaney Ludlum	HT # 822169	N/A	PO: QP060645	2006	Installed	No
	1/4 11	ale	Steel	FTT # 022109	N/A	PO. QP000045	2000	HISIAIleu	NO
	3" Pip	pe	Sanyo	HT # 808664	N/A	PO: QP071069	2007	Installed	No
	3" Weld F	Flange	Wester Forge	HT # 31909, Lot 8858	N/A	PO: QP071063	2004	Installed	No
	Blind Fla	ange	Wester Forge	HT # 31909, Lot 9848	N/A	PO: QP071063	2004	Installed	No
	5/8" N	uts	T&T Enterprises	HT # HY7241	N/A	PO: QP070650	2007	Installed	No
	5/8" St	uds	Auge Industrial	HT # 230111	N/A	PO: QP060496	2004	Installed	No

8. Tests Conducted:	Hydrostatic	Pneumatic	Nominal Operating	Pressure	Exempt	
	Other	Pressure:	psi	Test Temp.:	٦°	

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.

9. Remarks \* Applicable consturction code allows ASME Section III, 1971 thru 2000 editions according to Piping Spec. SS1109-02.

i, we undersigned, r	ioluing a valid com	mission issued by the	nauonal Boa		mer and messure ves	sser inspectors an	u me
State or Province of	GEORGIA	and employed by	HSB_	7			
of	HAR.	THORD, CT			have inspected the c	components descr	ibed in th
Owner's Report during	the period	12/10/07		to	1/14/09	, and st	ate that t
he best of my knowled	lge and belief, the (	Owner has performed	examinations	and tal	ken corrective measu	res described in th	nis
Owner's Report in acco	1 GOULDO - MULTING 164	quarterise of the Aor					
By signing this certif	icate neither the Ing	spector nor his employ	·	v warra	ntv. expressed or imp	lied, concerning th	ne
examinations and corre	ective measures de	y or property damage	yer makes an s Report. Fu	rthermo any kind	re, neither the Inspec	tor nor his employ	er shall b
examinations and corre- liable in any manner fo	ective measures de	scribed in this Owner y or property damage	yer makes an s Report. Fu or a loss of a	rthermo any kind	re, neither the Inspec arising from or conne	tor nor his employ acted with this insp	er shall bection.

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

1.	Owner:	Southern Nuclear (	Operating Co.		Date:	Ja	nuary 29, 2008	
	<del></del>	Name		-		•••		
	40 Inverness (	Center Parkway; Birm	ingham, AL 35242	:	Sheet: 1	of	2	
		Address		-				
2.	Plant: Jos	seph M. Farley Nucle	ar Plant (FNP)	-	Unit:		FNP Unit 2	
		Name		-				
	7388 North	State Hwy 95; Colum	nbia, AL 36319	_	Work Order No.:	E11 - 2	072667403	
	<u> </u>	Address			Repair/Replacem	ent Orga	anization PO No,	Job No, etc.
З.	Work Performed By:	FNP Mainte	nance Department		Type Code Symbol	Stamp:	N/	A
		Name		-				
	7388 North	State Hwy 95; Colun	nbia, AL 36319	_	Authorization No.:		N/A	
		Address		-				
				I	Expiration Date:		N/A	
4.	Identification of Syste	m:	TPNS: Q2E11-H	CC-364 (	RHR/LHSI System)	, ASME	Class 3	
5	(a) Applicable Constru	uction Code:	Section III , 1971 *	Edition,	None Ad	ldenda,	N/A	Code Case
Э.	(a) Applicable Constit		Year			aciaa,		- Code Case
	(b) Applicable Edition	of Section XI Used fo	or Repair/Replacement Ac	tivity.	2001 Ad	Idenda:	200	13
	(b) Appleuble Eulion		a nopulli nopulo unone ne		Year			
	(c) Applicable Section	XI Code Case(s):			N/A			
6.	Identification of Comp	onents:						
******			· · · · ·	Nationa			Corrected,	ASME Code
I	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
		Wanutacturer		No.	Identification	DOIL	Installed	(Yes or No)
	1/2" Plate	Alleghany Ludlum	HT # 840898	N/A	PO: QP3555	1989	Installed	No
		Steel						
	1/4* Plate	Alleghaney Ludlum Steel	HT # 822169	N/A	PO: QP060645	2006	Installed	No
	3" Pipe	Sanyo	HT # 808664	N/A	PO: QP071069	2007	Installed	No
	3" Weld Flange	Wester Forge	HT # 31909, Lot 8858	N/A	PO: QP071063	2004	Installed	No
	Blind Flange	Wester Forge	HT # 31909, Lot 9848	N/A	PO: QP071063	2004	Installed	No
	5/8* Nuts (QTY: 1)	T&T Enterprises	HT # HY7241	N/A	PO: QP070650	2006	Installed	No
	5/8* Nuts (QTY: 7)	T&T Enterprises	HT # HY5938	N/A	PO: QP070067	2006	Installed	No
	5/8* Studs (QTY: 4)	T&T Enterprises	HT # 423360	N/A	PO: QP071063	2007	Installed	No
		1			1			
7.	Description of Work:	Installation of new	drain line in encapsulatior	n pipe cha	ase that contains su	ction lin	e for MOV Q2E11	MOV8811B.
8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Pressure	$\square$	Exempt	

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.

psi

Pressure:

Other

Test Temp.:

°F

9. Remarks \* Applicable construction code allows ASME Section III, 1971 thru 2000 editions according to Piping Spec. SS1109-02.

· · · · · · · · · · · · · · · · · · ·			
	CERTIFICATE OF COMP	LIANCE	
I certify that the statements made in t	the report are correct and that this c	onforms to the requirements of the	ASME Code, Sectior
ype Code Symbol Stamp:		N/A	
ype Code Symbol Stamp:	N/A	N/A Expiration Date:	N/A
	N/A Asia O. Jerkins, Maintenar	Expiration Date:	N/A

r, me undersigned, holdi	ng a valid comm	hission issued by t	ne national do	ard of bo	nei and Flessule ves	ssel inspectors and the
State or Province of	JERGIA	and employed by	<del>k</del>	ISB	a	
of	•	HARTFORD,	a		have inspected the c	omponents described in th
Owner's Report during the	period	12/13/	67	to	1/13/09	, and state that
the best of my knowledge a	ind belief, the O	wner has perform	ed examination	s and tak	en-corrective measur	res described in this
Owner's Report in accorda	nce with the req	uirements of the A	SME Code, Se	ection XI.		
	e measures des	cribed in this Own	er's Report. Fi	urthermo	re, neither the Inspect	tor nor his employer shall
examinations and correctiv	e measures des	cribed in this Own	er's Report. Fi	urthermo	re, neither the Inspect	tor nor his employer shall
examinations and corrective iable in any manner for any	e measures des y personal injury	cribed in this Own	er's Report. Fi	urthermon any kind	re, neither the Inspect arising from or conne 4 827 A	tor nor his employer shall be tected with this inspection.
examinations and corrective iable in any manner for any man	e measures des	cribed in this Own	er's Report. Fige or a loss of	urthermon any kind	re, neither the Inspect arising from or conne 4 827 A	tor nor his employer shall lected with this inspection.
examinations and correctiv iable in any manner for any	e measures des y personal injury	cribed in this Own	er's Report. Fige or a loss of	urthermon any kind	re, neither the Inspect arising from or conne 4 827 A	tor nor his employer shall be tected with this inspection.

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

1.	Owner:	Southern Nuclear C	perating Co.	1	Date:	Ja	nuary 30, 2008		
		Name		-					
	40 Inverness C	enter Parkway; Birm	ingham, AL 35242	-	Sheet: 1	of	2		
		Address		-					
2.	Plant: Jos	eph M. Farley Nuclea	ar Plant (FNP)	-	Jnit:		FNP Unit 2		
		Name		-					
	7388 North	State Hwy 95; Colun	nbia, AL 36319		Work Order No.:	E13 - 2	072667404		
		Address			Repair/Replacerr	ient Orga	anization PO No,	Job No, etc.	
З.	Work Performed By: FNP Maintenance Department				Type Code Symbol Stamp: N/A				
	Name								
	7388 North	State Hwy 95; Colun	ibia, AL 36319	/	Authorization No.:		N/A		
		Address		-					
				E	Expiration Date:		N/A		
4.	Identification of Syster	n:	TPNS: Q2E13-HCC-	363 (Cont	ainment Spray Sys	tem), AS	ME Class 3		
5.	(a) Applicable Constru	iction Code:	Section III , 1971 *	Edition,	None A	denda,	N/A	_ Code Case	
			Year						
	(b) Applicable Edition	of Section XI Used to	r Repair/Replacement Ac	ctivity:		denda:	200	)3	
					Year				
	(c) Applicable Section	XI Code Case(s):			N/A				
6.	Identification of Comp	onents:							
		Name of		National	Other	Year	Corrected,	ASME Code	
1	Name of Component	Manufacturer	Manufacturer Serial No.	Board	Identification	Built	Removed, or	Stamped	
				No.		[	Installed	(Yes or No)	
	1/2" Plate	Alleghany Ludium	HT # 840898	N/A	PO: QP3555	1989	Installed	No	
		Steel							
	1/4" Plate	Alleghaney Ludium	HT # 822169	N/A	PO: QP060645	2006	Installed	No	
		Steel							
	3" Pipe	Sanyo	HT # 808664	N/A	PO: QP071069	2007	Installed	No	
	3" Weld Flange	Wester Forge	HT # 31909, Lot 8858	N/A	PO: QP071063	2004	Installed	No	
	Blind Flange	Wester Forge	HT # 31909, Lot 9848	N/A	PO: QP071063	2004	Installed	No	
	5/8" Nuts	T&T Enterprises	HT # HY7241	N/A	PO: QP070650	2007	Installed	No	
	5/8" Studs	Auge Industrial	HT # 230111	N/A	PO: QP060496	2004	Installed	No	
_					1				
7	Department of Martin	Installation of norm	duala lina la current della-	a nina ak-	oo that contains	ation fi-			
1.	Description of Work:	Installation of new	drain line in encapsulation	i pipe cha	ise that contains st				
8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal	Operating Pressure	Ø	Exempt		

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.

psi

Test Temp.:

Pressure:

°٣

Other

9. Remarks \* Applicable construction code allows ASME Section III, 1971 thru 2000 editions according to Piping Spec. SS1109-02.

	· · · · · · · · · · · · · · · · · · ·		
		·····	
	CERTIFICATE OF COMPI	IANCE	
I certify that the statements made in ype Code Symbol Stamp:	CERTIFICATE OF COMPI		the ASME Code, Section
-		onforms to the requirements of	the ASME Code, Section

		CERTIFICATE OF	INSERVICE IN	SPECHO	N	
I, the undersigned, ho	lding a valid com	mission issued by the	National Board	d of Boiler	and Pressure Vessel	Inspectors and the
State or Province of	GEOLGIA	and employed by	H	SB	4	
of A	HRTPLD,	CT		hav	e inspected the comp	conents described in this
Owner's Report during th	e period	12/11/07		to	1/13/09	, and state that to
the best of my knowledg	e and belief, the (	Owner has performed	examinations	and taken	corrective measures (	described in this
Owner's Report in accord	dance with the re	quirements of the AS	ME Code, Sect	ion XI.		
liable in any manner for a	any personal injur		e or a loss of an commissions:	•	,	I with this inspection.
Inspec	tor's Signature					ce, and Endorsements
Date:/_3/	69	<u></u>				
	•					

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

1.	Owner:	Southern Nuclear (	Operating Co.	_	Date:	Ja	nuary 29, 2008	
	***************************************	Name		-				
	40 Inverne	ss Center Parkway; Birm	ningham, AL 35242	-	Sheet: 1	_ of	2	
		Address						
2.	Plant:	Joseph M. Farley Nucle	ear Plant (FNP)	-	Unit:		FNP Unit 2	
	7000 1	Name	mbia A1 00010		Marte Ordan Na .	<b>F10</b> 0	070007405	
	7388 N	orth State Hwy 95; Colur	11Dia, AL 30319		Work Order No.:			Tel Ale
~	Mork Dorformed F	Address	nance Department		Repair/Replacement Organization PO No, Job No, etc. Type Code Symbol Stamp: N/A			
3.	Work Performed By: FNP Maintenance Department Name				Type Code Symbol	Stamp.	[N/	A
	7388 N	orth State Hwy 95; Colur	nbia Al 36319		Authorization No.:		N/A	
	7000 11	Address		- '		<del> </del>		
		A001000		I	Expiration Date:		N/A	
4.	Identification of Sy	vstem:	TPNS: Q2E13-HCC-	363 (Conf	lainment Spray Sys	stem), AS	SME Class 3	
_			_				··	
5.	(a) Applicable Cor	Istruction Code:	Section III , 1971 * Year	Edition,	None A	ddenda,	N/A	_ Code Case
	(b) Applicable Edit	ion of Section XI Used fr	or Repair/Replacement Ac	stivitur	2001 A	ddenda:	200	2
	(b) Applicable Luit		or nepation topic official Ac		Year	uciua.		
	(c) Applicable Sec	tion XI Code Case(s):			N/A			
					······			
6.	Identification of Co	omponents:						
		Name of		Nationa	Other	Veer	Corrected,	ASME Code
ſ	Name of Componer	Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
				No.			Installed	(Yes or No)
	1/2" Plate	Alleghany Ludlum Steel	HT # 840898	N/A	PO: QP3555	1989	Installed	No
•••••	1/4" Plate	Alleghaney Ludium Steel	HT # 822169	N/A	PO: QP060645	2006	Installed	No
	3" Pipe	Sanyo	HT # 808664	N/A	PO: QP071069	2006	Installed	No
•••••••	3" Weld Flange	Wester Forge	HT # 31909, Lot 8858	N/A	PO: QP071063	2004	Installed	No
	Blind Flange	Wester Forge	HT # 31909, Lot 9848	N/A	PO: QP071063	2004	Installed	No
	5/8" Nuts	T&T Enterprises	HT # HY7241	N/A	PO: QP070650	2006	Installed	No
	5/8" Studs	T&T Enterprises	HT # 423360	N/A	PO: QP071063	2007	Installed	No
					<u> </u>			
		l. In shall a bir a share	dunta (tan ta a cara a 4 4					
7.	Description of Wor	K: Installation of new (	drain line in encapsulation	pipe cha	ise that contains su	ICTION IIN	e for MOV Q2E13	MOV8826B.
8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal (	Operating Pressure		Exempt	Π

Other

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.

Pressure:

9. Remarks \* Applicable construction code allows ASME Section III, 1971 thru 2000 editions according to Piping Spec. SS1109-02.

		······	
			· · · · · · · · · · · · · · · · · · ·
			<u> </u>
	CERTIFICATE OF COM	LIANCE	
I certify that the statements made in	the report are correct and that this o	conforms to the requirements of the A	SME Code, Section
ype Code Symbol Stamp:		N/A	
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Pon	<ul> <li>Asia O. Jerkins, Maintena</li> </ul>	nce Team Leader Date: ,/ ,	107
ligned:			

State or Province of	A and employed by	43	BCT	
	HARTARD, CT	ha	ave inspected the comp	ponents described in thi
Owner's Report during the period	12/13/07	to	1/13/09	, and state that to
he heat of my knowledge and helig	ef, the Owner has performed examin	ations and taker	n confective measures of	described in this
the pest of my knowledge and bein				
Owner's Report in accordance with By signing this certificate neither	the requirements of the ASME Cod the Inspector nor his employer mak tres described in this Owner's Repo	es any warranty		· · · · ·
Owner's Report in accordance with By signing this certificate neither examinations and corrective measu		tes any warranty rt. Furthermore, ss of any kind ar	neither the Inspector n	nor his employer shall b

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

1,	Owner:	Southern Nuclear	Operating Co.	C	Date:	Nov	ember 10, 2008	
		Name		-				
	40 Invernes	s Center Parkway; Birn		. s	heet: 1	of	2	
		Address		-				
2.	Plant: J	Ioseph M. Farley Nucle	ear Plant (FNP)	- U	Init:		FNP Unit 2	
		Name						
	7388 No	rth State Hwy 95; Colu	mbia, AL 36319		Work Order No.			
	·	Address				-	anization PO No,	
З.	Work Performed By		enance Department	- <sup>т</sup>	ype Code Symb	ol Stamp:	N/	A
		Name						
	7388 Noi	rth State Hwy 95; Colu		- <sup>A</sup>	uthorization No.	:	N/A	
		Address		E	xpiration Date:		N/A	
4.	Identification of Sys	tem:	TPNS: Q2E13	V010A (2A	CS Pump Test	Isolation \	/aive)	
								<u> </u>
5.	(a) Applicable Cons	truction Code:	Section III , 1971	Edition, \	Winter 1971 *	Addenda,	N/A	Code Case
			Year					_
	(b) Applicable Edition	on of Section XI Used f	or Repair/Replacement Ac	stivity:	2001	Addenda:	200	)3
					Year			
	(c) Applicable Section	on XI Code Case(s):	<u></u>		N/A			
6.	Identification of Con	nponents:						
	**********		T	National			Corrected,	ASME Code
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board	Other	Year	Removed, or	Stamped
		ivianuracturer		No.	Identification	Built	Installed	(Yes or No)
	Valve	Kerotest	DF5-11	N/A	PO: FNP2-55	1974	Removed	Yes
	Valve	Flowserve	74BKC	N/A	PO: QP06054	5 2007	Installed	Yes
	<u></u>							
						_		
	·····							
			·					
7.	Description of Work:		Rep	laced valv	e Q2E13V010A		······································	
8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal C	perating Pressu	ire 🔽	Exempt	
		Other	Pressure.	ps	i Test Te	emp.:	°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.

9. Remarks \* Construction Code: ASME Section III, 1971 Edition, Winter 1971 Add. with Paragraph NB6111.1(c) of Winter 1972 Add.

		· · · · · · · · · · · · · · · · · · ·	
MARK			
<u> </u>			
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······································		······	· · · · · · · · · · · · · · · · · · ·
	CERTIFICATE OF CC	MPLIANCE	
I certify that the statements made in th	e report are correct and that th	is conforms to the requirements of the A	SME Code, Section
ype Code Symbol Stamp:		N/A	
	<u> </u>		
ertificate of Authorization No.:	N/A	Expiration Date:	N/A
igned:	Asia O. Jerkins, Mainte	nance Team Leader Date: , , /	licha
ngneu.			15 10
Owner	or Owner's Designee, Title	•	1
Owner	or Owner's Designee, Title		<i>,</i>
Owner			
	CERTIFICATE OF INSERVI		
I, the undersigned, holding a valid com	CERTIFICATE OF INSERVI mission issued by the Nationa	CE INSPECTION Board of Boiler and Pressure Vessel Ins	spectors and the
I, the undersigned, holding a valid com	CERTIFICATE OF INSERVI	Board of Boiler and Pressure Vessel Ins	-
I, the undersigned, holding a valid com state or Province of	CERTIFICATE OF INSERVI mission issued by the Nationa	Board of Boiler and Pressure Vessel Ins have inspected the component	ents described in th
I, the undersigned, holding a valid com state or Province of <u>Goollon</u> f <u>Haltraco</u> Dwner's Report during the period	CERTIFICATE OF INSERVI mission issued by the Nationa and employed by	Board of Boiler and Pressure Vessel Ins B CT have inspected the component to	nents described in th , and state that
I, the undersigned, holding a valid com state or Province of <b>College</b> f <b>Hand Parce</b> Dwner's Report during the period ne best of my knowledge and belief, the	CERTIFICATE OF INSERVI mission issued by the Nationa and employed by CT (1)05/08 Owner has performed examina	Board of Boiler and Pressure Vessel Ins have inspected the component to	nents described in th , and state that
I, the undersigned, holding a valid com state or Province of <b>College</b> f <b>Hand Parce</b> Dwner's Report during the period ne best of my knowledge and belief, the	CERTIFICATE OF INSERVI mission issued by the Nationa and employed by CT (1)05/08 Owner has performed examina	Board of Boiler and Pressure Vessel Ins have inspected the component to	nents described in th , and state that
I, the undersigned, holding a valid com state or Province of <u>Goodform</u> f <u>HARTHORO</u> wher's Report during the period he best of my knowledge and belief, the wher's Report in accordance with the re-	CERTIFICATE OF INSERVI mission issued by the Nationa and employed by CT Owner has performed examination equirements of the ASME Code	Board of Boiler and Pressure Vessel Ins have inspected the compor- to	ents described in th , and state that scribed in this
I, the undersigned, holding a valid com state or Province of <u>Costilion</u> f <u>Haltrano</u> owner's Report during the period ne best of my knowledge and belief, the owner's Report in accordance with the re By signing this certificate neither the In xaminations and corrective measures de	CERTIFICATE OF INSERVI mission issued by the Nationa and employed by CT Owner has performed examinated equirements of the ASME Code espector nor his employer maked escribed in this Owner's Report	Board of Boiler and Pressure Vessel Ins have inspected the component to	nents described in th , and state that scribed in this oncerning the his employer shall
I, the undersigned, holding a valid com state or Province of <u>Costilion</u> f <u>Haltrano</u> owner's Report during the period ne best of my knowledge and belief, the owner's Report in accordance with the re By signing this certificate neither the In	CERTIFICATE OF INSERVI mission issued by the Nationa and employed by CT Owner has performed examinated equirements of the ASME Code espector nor his employer maked escribed in this Owner's Report	Board of Boiler and Pressure Vessel Ins have inspected the component to	ents described in th , and state that scribed in this oncerning the his employer shall I
I, the undersigned, holding a valid com state or Province of <u>Costilion</u> f <u>Haltrano</u> owner's Report during the period ne best of my knowledge and belief, the owner's Report in accordance with the re By signing this certificate neither the In xaminations and corrective measures de	CERTIFICATE OF INSERVI mission issued by the Nationa and employed by CT Owner has performed examinated equirements of the ASME Code espector nor his employer maked escribed in this Owner's Report	Board of Boiler and Pressure Vessel Ins have inspected the component to	ents described in th , and state that scribed in this oncerning the his employer shall I
I, the undersigned, holding a valid com state or Province of <u>Costilion</u> f <u>Haltrano</u> owner's Report during the period ne best of my knowledge and belief, the owner's Report in accordance with the re By signing this certificate neither the In xaminations and corrective measures de	CERTIFICATE OF INSERVI mission issued by the Nationa and employed by CT Owner has performed examinated equirements of the ASME Code espector nor his employer maked escribed in this Owner's Report	Board of Boiler and Pressure Vessel Ins have inspected the compon- to	ents described in th , and state that scribed in this oncerning the his employer shall I

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FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES, As Required by the Provisions of the ASME Code, Section III, Division 1

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Pg. 1 of \_\_\_\_

1. Manufactured and certil	fied by Howserve Corporation	, 1900 South Saunders St. I	Raleigh, NC 27603	
		(name and addr	ass of N Certificate Holder)	
2. Manufactured forAla	ibama Power Company PO Box	(name and address)	of Purchaser)	······
3. Location of installation	Farley Nuclear Plant 7388 N	. State Highway 95 Columbi	a, AL 36319	
4. Model No., Series No.,	or Type 1500	72576210	-	
		·		
5. ASME Code, Section III,	, Division 1:	(addende date)	1 (class)	(Code Case no.)
6. Pump or valve Valve	e Nominal inlet size	Outlet	size2	
		140-1	(in.)	
7. Material: (a) valve Body SA1			BoltingN/A	
(b) pump Casing	Cover	Bolting		
(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body/Casing Serial No.	(d) Bonnet/Cover Serial No.	(e) Disk Serist No.
	N/A	A5-55	E40257-30	29994-1-1
75BKC	N/A	AZ-20	E40252-31	29994-1-2
76BKC /	N/A	A2-21	E40252-32	29994-1-3
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			£15-11- <sup>1</sup> 1111-1111-1111-1111-1111-1111-1	
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#### <mark>#</mark> #₩ <u></u>	· · · · · · · · · · · · · · · · · · ·			
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\* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8<sup>3</sup>/<sub>2</sub> x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM NPV-1 (Back — Pg. 2 of  $\frac{2}{2}$ )

			Cent	tificate Holder's Serial N	74BKC thru 76BKC
	2580	650			
8. Design conditions		. psi(temperature)	•F or valve pressure class	1500	
	3600				
9. Cold working pressure	e	psi at 100°F			
10. Hydrostatic test	5400 psi.	Disk differential test press	3960 ure		psi
C-l Oud	Amon Miles Make		1		
11. Remarks: Sales Urue	ar 40230 Yoke male	rial SA105 Heat-Serial 9295	5-1 thru 3	<del></del>	
	······	······································			·
· · · · · · · · · · · · · · · · · · ·					
			<u> </u>		
					<u></u>
	ł <u>p</u>	CERTIFICATIO	N OF DESIGN		
	A.A.			AL p	9576
Design Specification cert	titled by				eg. no. <u>PE-35216-E</u>
Design Report certified b	/y		······		ag, no. <u>FEDDATO'E</u>
		CERTIFICATE O	F COMPLIANCE		
			· • · · ·		
1 .		is report are correct and th	hat this pump or valve cor	forms to the rules for	construction of the
ASME Code, Section III,		N-1562		-26-09	
N Certificate of Authoriz		······································	Expires		
Date 12-12-07	Name Flowser	ve Corporation	Signed	mall	7
		(N Certificate Holder)		fauthorized represe	nlative}
L		······································			······
		CERTIFICATE O	E INCORCTION		
		ion issued by the National B	loard of Boiler and Pressure HSB CT	Vessel inspectors and t	he State or Province
1 01 <u> </u>	d employed by ofHartford, CT				· · · · ·
12/12/07			have inspected the pumy		
in accordance with the A		eat to the best of my knowled III. Division 1.	Ige and Dellet, the Certhicate	Holder has constructed	this pump, or vaive,
	· ·	or nor his employer makes a	ny warranty, expressed or in	nolied, concerning the c	omponent described
}		inspector nor his employer s			
or a loss of any kind aris				× -	
10/01/07	1	an Till	AV #1	1.17 1	1
Date 12/12/07	Signed	Authorized Nuclear Inspector)	_ Commissions	7 4-1 Bd. (incl. endorsements) and s	late or prov. and no.}
1	6				,

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As Required By The Provisions Of The ASME Code Section XI

1.	Owner	Southern Nuclear		any	Date		Nov. 3 <sup>rd</sup> 2008	
			Name less Center Parkw ngham, AL 35242		Sheet	1	of	2
_			Address		•••			
2.	Plant	Farley	Nuclear Plant Name		Unit		FNP 2	
		Highway 95 Sou	uth Columbia, Al 3	6319		E21-	2061990801	
			Address		Repair/Replace	cement Organ	ization P.O. No., Jo	b No., etc.
3.	Work Pe	rformed by <u>SN</u>		ept	Type Code Symbol S	tamp	N/A	•
			Name		Authorization No. Expiration Date		N/A	
		Joseph M. F	arley Nuclear Plai	nt	Expiration bate		1972	
		- <u></u>	Address					
4.	Identifica	tion of System		HIGH	HEAD SAFETY INJEC	FION / CVCS S	YSTEM	. <u></u>
5.	(a) Applic	able Construction	Code SEE NOT	E	Edition,	bbA	enda,	Code Case
Ų,					cement Activity 2001			
	(c) Applic	cable Section XI Cod	de Case(s)	NA				
6.	Identifica	tion Of Component	S					
·····			1	National		T	Corrected,	ASME Code
Nai	me of	Name of	Manufacturer	Board	Other	Year	Removed, or	Stamped
	ponent	Manufacturer	Serial No.	No.	Identification	Built	Installed	(Yes or No)
	NGER RING	GRINNELL	20814	NA	PO 36803	1985	Removed	No
	RING	GRINNELL	20814	NA	PO 36803	1985	Removed	No
COMP	RESSION							
PLU	NGER	GRINNELL	NA	NA	PO QP1546	1987	Installed	No
	RING							
	RING	GRINNELL	NA	NA	PO QP1546	1987	Installed	No
COMP	12331011							
	-					1		
					••••••••••••••••••••••••••••••••••••••	+		
				· ·		1		
						<b>.</b>		

#### 7. Description of Work <u>REBUILT SNUBBER AND THESE 2 VALVE BLOCK INTERNAL COMPONENTS NEEDED REPLACEMENT</u> REFERENCE TRANSACTION # 144088 VT-3 WAS PERFORMED AFTER SNUBBER WAS INSTALLED

8. Test Conducted:

Hydrostatic Pneumatic Nominal Operating Pressure psi Test Temp, PLB 1/1/08 /Ac 1/2/08

Exempt 1/ PLB A. "F 1/7/09

9. Remarks SUPPORTS DESIGNED TO AISC-1969 AND WELDED TO AWS D1.1-86. Applicable Manufacturer's Data Reports to be attached						
<b></b>		·	CERTIFICATE OF			
	We certify	that the statements n			PLACEMENT conforms to the	
rules (	of the ASME	Code, Section XI.		repair	r or replacement	
Type	Code Symbo	Stamp		N/A		
	-	orization No.	N/A	Expiration Date	N/A	
				Date <u>12/23/08</u>		
<i>And</i> period belief,	ctors and the Fold, CT I/0, the Owner	rsigned, holding a vestate or Province ofh ////////////////////////////////	<u>beores</u> ave inspected the co	ued by the National Board and employed by omponents described in , and state that to corrective measures desc	d of Boiler and Pressure Vessel <u>HSBCT</u> of this Owner's Report during the the best of my knowledge and cribed in this Owner's Report in	
Inspec	rning the ex ctor nor his e rising from o	aminations and corr	rective measures des ble in any manner for s inspection.	cribed in this Owner's R any personal injury or p	warranty, expressed or implied, eport. Furthermore, neither the roperty damage or a loss of any /ª rovince and Endorsements	
Date	1/01/	09	<b></b>			

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

1.	1. Owner: Southern Nuclear Operating Co.					Date:		August 1, 2008	
			Name		-			-	
	40	Inverness C	enter Parkway; Birm	ningham, AL 35242	-	Sheet:1	of	2	
~	<b>D</b> 1 1		Address			b			
2.	Plant:	JOS	eph M. Farley Nucle	ar Plant (FNP)	- (	Jnit:		FNP Unit 2	······································
		7000 North	Name Stata Hum 05: Colur	nbia Al 26210		Work Order		2070120001	
	7388 North State Hwy 95; Columbia, AL 36319 Address							anization PO No,	lob No. ata
3	Work Perf	ormed By:		nance Department	г	ype Code Sy			
<b>.</b>	WORKT ON	onned by:	Name		- '	,po 0000 0,			
		7388 North	State Hwy 95; Colur	nbia, AL 36319	A	uthorization I	No.:	N/A	
	*****		Address	····	-			····	······
					E	Expiration Date	e:	N/A	
4.	Identificati	on of Systen	n: TPN	NS: Q2E21M0001A (2A C	harging P	ump Motor), L	ine P17-HB	C-255, ASME Clas	35 3
E	(a) Applies	able Constru	ction Code:	Section III 1971	Edition,	N/A	Addenda,	N/A	Code Case
5.	(a) Applica			Year			-		- Coue Case
	(b) Applica	ble Edition o	of Section XI Used for	or Repair/Replacement Ac	ctivity:	2001	Addenda:	200	03
					-	Year	-		
	(c) Applica	ble Section	XI Code Case(s):			N/A	۱	•	
6.	Identification	on of Compo	onents:						
٢	Name of Co	mponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificat	Year ion Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
_	Weld #	<i>‡</i> 29	FNP	Q2-P17-HBC-255	N/A	WO: 204	03 1987	Removed	No
	PR to Hang	er Weld	FNP	SS16039	N/A	WO: 204	03 1987	Removed	No
,	Angle to Pla	ate Weld	Daniel Const.	SS11317	N/A	PO: E953	36 1977	Removed	No
	Weld #	29	FNP	Q2-P17-HBC-255	N/A	WO: 2040	03 1987	Installed	No
	PR to Hang		FNP	SS16039	N/A	WO: 2040		Installed	No
	Angle to Pla	ate Weld	FNP	SS11317	N/A	PO: E953	36 1977	Installed	No
						L			
		1				I			
7.	Description	of Work:	Cut out & reinstalle	ed Weld #29, PR to Hange	er Welds &	Angle to Pla	ite Weld on s	supports SS16039	& SS11317.
8.	Tests Cond	lucted:	Hydrostatic	Pneumatic	Nominal C	Operating Pres	ssure 🔽	Exempt	

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.

psi

Test Temp.:

°F

Pressure:

Other

	Applicable Manufacture	's Data Reports to be attached	
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	······		
**************************************			
	OF DE LE LO ATE O		
	CERTIFICATE C	F COMPLIANCE	
I certify that the statements mad	le in the report are correct and t	hat this conforms to the requirements of t	he ASME Code, Section
Type Code Symbol Stamp:	······	N/A	
Certificate of Authorization No .:	N/A	Expiration Date:	N/A
	· · · · ·		
Signed:	Asia O. Jerkins, N	Aaintenance Team Leader Date:	1/2/24
	Owner or Owner's Designee, Ti	tle	1.101
	CERTIFICATE OF INS	ERVICE INSPECTION	
I, the undersigned, holding a vali		ERVICE INSPECTION tional Board of Boiler and Pressure Vess	el Inspectors and the
· · · · ·			el Inspectors and the
State or Province of	id commission issued by the Na	tional Board of Boiler and Pressure Vess	
State or Province of	id commission issued by the Na and employed by	tional Board of Boiler and Pressure Vess	nponents described in th
State or Province of	id commission issued by the Na A and employed by A and employed by	tional Board of Boiler and Pressure Vess HSB CT have inspected the cor	nponents described in the state that
State or Province of of Owner's Report during the period the best of my knowledge and belie	id commission issued by the Na and employed by <i>HACTOLO</i> , <i>CT</i> <i>7/18/08</i> of, the Owner has performed examples	tional Board of Boiler and Pressure Vess HSB CT have inspected the cor to to to to to to to to to to	nponents described in the state that
State or Province of of Owner's Report during the period the best of my knowledge and belie	id commission issued by the Na and employed by <i>HACTOLO</i> , <i>CT</i> <i>7/18/08</i> of, the Owner has performed examples	tional Board of Boiler and Pressure Vess HSB CT have inspected the cor to to to to to to to to to to	nponents described in the, and state that
State or Province of of Owner's Report during the period the best of my knowledge and belie Owner's Report in accordance with By signing this certificate neither	id commission issued by the Na and employed by <i>IMPTOLO</i> , <i>CT</i> of, the Owner has performed exa the requirements of the ASME the Inspector nor his employer	tional Board of Boiler and Pressure Vess HSB T have inspected the cor to to to Code, Section XI. makes any warranty, expressed or implie	nponents described in th , and state that s described in this d, concerning the
State or Province of of Owner's Report during the period the best of my knowledge and belie Owner's Report in accordance with By signing this certificate neither examinations and corrective measu	id commission issued by the Na and employed by <i>IMOTOLO, CT</i> of, the Owner has performed exa the requirements of the ASME the Inspector nor his employer ares described in this Owner's R	tional Board of Boiler and Pressure Vess HSB T have inspected the cor to to To To To To To To To To To T	nponents described in th , and state that s described in this d, concerning the r nor his employer shall
State or Province of of Owner's Report during the period the best of my knowledge and belie Owner's Report in accordance with By signing this certificate neither examinations and corrective measu	id commission issued by the Na and employed by <i>IMOTOLO, CT</i> of, the Owner has performed exa the requirements of the ASME the Inspector nor his employer ares described in this Owner's R	tional Board of Boiler and Pressure Vess HSB T have inspected the cor to to to Code, Section XI. makes any warranty, expressed or implie	nponents described in th , and state that s described in this d, concerning the r nor his employer shall
State or Province of of Owner's Report during the period the best of my knowledge and belie Owner's Report in accordance with By signing this certificate neither examinations and corrective measu	id commission issued by the Na and employed by <i>IMOTOLO, CT</i> of, the Owner has performed exa the requirements of the ASME the Inspector nor his employer ares described in this Owner's R	tional Board of Boiler and Pressure Vess HSB T have inspected the cor to to To To To To To To To To To T	nponents described in th , and state that s described in this d, concerning the r nor his employer shall I
State or Province of of Owner's Report during the period the best of my knowledge and belie Owner's Report in accordance with By signing this certificate neither examinations and corrective measu	and employed by AMOTOLO, CT AMOTOLO, CT A	tional Board of Boiler and Pressure Vess have inspected the cor to to IMAG aminations and taken corrective measure Code, Section XI. makes any warranty, expressed or implie eport. Furthermore, neither the Inspecto a loss of any kind arising from or connect	nponents described in th , and state that s described in this d, concerning the r nor his employer shall I
State or Province of of Owner's Report during the period the best of my knowledge and belie Owner's Report in accordance with By signing this certificate neither examinations and corrective measu liable in any manner for any persona	and employed by an and employed by an another the requirements of the ASME the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the analytic of the ASME and the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the ASME and the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the ASME and the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the ASME and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in the In	tional Board of Boiler and Pressure Vess HSB CT have inspected the cor to to to Aminations and taken corrective measure Code, Section XI. makes any warranty, expressed or implie eport. Furthermore, neither the Inspecto a loss of any kind arising from or connect missions: CA 827 AU	nponents described in th , and state that s described in this d, concerning the r nor his employer shall I ed with this inspection.
State or Province of of Owner's Report during the period the best of my knowledge and belie Owner's Report in accordance with By signing this certificate neither examinations and corrective measu	and employed by an and employed by an another the requirements of the ASME the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the analytic of the ASME and the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the ASME and the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the ASME and the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the ASME and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in the In	tional Board of Boiler and Pressure Vess HSB CT have inspected the cor to to to Aminations and taken corrective measure Code, Section XI. makes any warranty, expressed or implie eport. Furthermore, neither the Inspecto a loss of any kind arising from or connect missions: CA 827 AU	nponents described in th , and state that s described in this d, concerning the r nor his employer shall t
State or Province of of Owner's Report during the period the best of my knowledge and belie Owner's Report in accordance with By signing this certificate neither examinations and corrective measu liable in any manner for any persona	and employed by an and employed by an another the requirements of the ASME the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the analytic of the ASME and the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the ASME and the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the ASME and the Inspector nor his employer tres described in this Owner's R and injury or property damage or a complexity of the ASME and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in this Owner's R and the Inspector nor his employer tres described in the In	tional Board of Boiler and Pressure Vess HSB CT have inspected the cor to to to Aminations and taken corrective measure Code, Section XI. makes any warranty, expressed or implie eport. Furthermore, neither the Inspecto a loss of any kind arising from or connect missions: CA 827 AU	nponents described in th , and state that s described in this d, concerning the r nor his employer shall t ed with this inspection.

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

1.	Owner:		Southern Nuc	lear O	perating Co.		l	Date:		Nov	ember 5, 2008	
	•			ime	·					· · · ·		
	40	Inverness	Center Parkway;	Birmir	ngham, AL 3524	42	ŝ	Sheet:	1	of	2	
			Ada	lress								
2.	Plant:	Jc	seph M. Farley N	luclea	r Plant (FNP)		ι	Jnit:			FNP Unit 2	
			Na	me			-				***	
	7388 North State Hwy 95; Columbia, AL 36319				_	Work Order	No.:	E21 - 20	71066201			
			Add	lress				Repair/Rep	olacen	nent Orga	nization PO No,	Job No, etc.
З.	Work Perfo	ormed By:	FNP M	lainten	iance Departme	ent	- 1	Type Code Sy	mbol :	Stamp:	N/	Ά
				me								
		7388 Nort	h State Hwy 95; (		bia, AL 36319		- /	Authorization	No.:		N/A	
			Add	ress								
					•		E	Expiration Dat	e:		N/A	
4.	Identificatio	n of Syster	n:		TPNS	: Q2E21\	/190 (Seal	Water Return	n Filter	Bypass '	Valve)	
5.	(a) Applicat	ole Constru	ction Code:		Section III	*******	Edition,	None	Ac	ddenda,	1540-1	Code Case
	(b) Applicat	ole Edition	of Section XI Use	od for I	Repair/Replace	<i>Year</i> ment Acti		2001	Ac	denda:	200	13
	(0) / (pp.)00.				ropully ropules			Year				
	(c) Applicat	ble Section	XI Code Case(s)	:				N/.	A			
6.	Identificatio	n of Compo	onents:						,			
			1				T	·		<b></b>		
	Name of Co	monent	Name of		Manufacturer S	Sorial No.	National	Other		Year	Corrected, Removed, or	ASME Code
	Name or oor	inponent	Manufacture	er	Manufacturer c	Jenai 140.	Board No	ldentifica	tion	Built	Installed	Stamped (Yes or No)
	Stud (Body to	Bonnet)	Plainville Mf	ia.	71-14711-2	22-8 *	N/A	PO: FNF	2	1976 *	Removed	No
	Nut (Body to		Victor Produ	-	71-14711-2		N/A	PO: FNF		1976 *	Removed	No
			1									
S	Stud (Body to	Bonnet)	Grinell		HT # T643	32A	N/A	PO: FNP 2	-1285	1979	Installed	No
1	Nut (Body to	Bonnet)	Grinell		HT # 421	51	N/A	PO: QP93-	1349	1994	Installed	No
	• <i>• • • • • • • • • • • • • • • • • • </i>						[		•			
			· · · · · ·									
······			<u> </u>					·			····	
										l	·····	
7.	Description	of Work:		·····	Replaced	body-to-	bonnet stu	d and nut on	valve	Q2E21V1	90.	
8.	Tests Condu	ucted:	Hydrostatic	3	Pneumatic		Nominal C	Operating Pre	ssure		Exempt	
			Other		Pressure:	<del></del>	ps	si Tes	st Tem	ip.:	۰۴.	
	,											

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.

9. Remarks \* The serial number and year built listed for the removed items refers to the serial number and year built of the complete

	<u></u>	· · · · · · · · · · · · · · · · · · ·	
		·····	
	CERTIFICATE OF COMP	LIANCE	
I certify that the statements made in	the report are correct and that this con	forms to the requirements of the ASM	E Code, Section XI.
ype Code Symbol Stamp:		N/A	
•	·		
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
	🚴 Asia O. Jerkins, Maintena	nce Team Leader Date: ///	10/08
Signed:			
	<del>mer</del> or Owner's Designee, Title		
	<del>vner</del> or Owner's Designee, Title	7	
с <u>о</u> м	CERTIFICATE OF INSERVICE		ctors and the
I, the undersigned, holding a valid co	CERTIFICATE OF INSERVICE		ctors and the
	CERTIFICATE OF INSERVICE		····
I, the undersigned, holding a valid co	CERTIFICATE OF INSERVICE	d of Boiler and Pressure Vessel Inspec	····
I, the undersigned, holding a valid co state or Province of <u>ABORSIA</u> f <u>AHATOLO</u> , A	CERTIFICATE OF INSERVICE	d of Boiler and Pressure Vessel Inspec CT have inspected the compor to 1/b8/CR	nents described in th , and state that t
I, the undersigned, holding a valid co state or Province of <u>GEDUSIA</u> f <u>GEDUSIA</u> bwner's Report during the period ne best of my knowledge and belief, the	CERTIFICATE OF INSERVICE Immission issued by the National Board and employed by <b>#56</b> 10/3/08	d of Boiler and Pressure Vessel Inspec CT have inspected the compor to 10/07/07 and taken corrective measures descrit	nents described in th , and state that t
I, the undersigned, holding a valid co state or Province of <u>ABORSIA</u> f <u>ABORSIA</u> bwner's Report during the period ne best of my knowledge and belief, the owner's Report in accordance with the	CERTIFICATE OF INSERVICE mmission issued by the National Board and employed by <u>1555</u> 10/3/08 e Owner has performed examinations is	d of Boiler and Pressure Vessel Inspec Thave inspected the compor- to <u>//b///</u> and taken corrective measures describ- ion XI.	nents described in th , and state that t bed in this

Date: 1/05/09 Commissions: 6A 827 AID National Board, State, Province, and Endorsements

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

1.	Owner:		Southern Nuclear Operating Co.			ate:	Dec	ember 20, 2008	
		_	Name		_				
	40	Inverness C	Center Parkway; Birm	hingham, AL 35242	- S	heet: 1	_ of	2	
~	Diante	100	Address eph M. Farley Nucle	or Plant (ENID)		Init:		FNP Unit 2	
2.	Plant:	105	Name		-				
	7388 North State Hwy 95; Columbia, AL 36319					Work Order No.:	E21 - 2	071236502	
	Address				Repair/Replacem			Job No, etc.	
З.	Work Perl	formed By:	FNP Mainte	nance Department	T	ype Code Symbol	,	N/	
	Name		<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	-			• <u>•••••••••</u> ••••••	·········	
		7388 North	State Hwy 95; Colur	nbia, AL 36319	A	uthorization No.:		N/A	
			Address		-				
					E	xpiration Date:		N/A	
4.	Identificati	ion of Syster	n:	TPNS: Q2E21	-002B (2B	Charging Pump),	ASME C	lass 2	
5.	(a) Applica	able Constru	ction Code:	Section III , 1971	Edition, S	Summer 1972 Ad	ddenda,	N/A	Code Case
				Year		0001	ب مقد مد ام ا		-
	(b) Applica	able Edition	of Section XI Used to	or Repair/Replacement Ac		A0 Year	denda:	200	
	(c) Applica	able Section	XI Code Case(s):			N/A			
	(-,				********				·····
6.	Identificati	on of Compo	onents:						
			Name of		National	Other	Year	Corrected,	ASME Code
1	Name of Co	omponent	Manufacturer	Manufacturer Serial No.		Identification	Built	Removed, or	Stamped
					No.			Installed	(Yes or No)
Pur	np Casing Hea	& Discharge d	Pacific Pumps	49188	213	PO: QP050789	1976	Removed	Yes *
		··· ·							
Pur	np Casing a Hea	& Discharge d	Hydroaire	5430-01	N/A	PO: QP060948	2007	Installed	Yes
		·····							
-							······		
	<u></u>					<u>-</u>			
						L			
7.	Descriptior	n of Work:	Repla	iced the pump casing and	l discharge	head assembly o	n the 2B	Charging Pump.	
8.	Tests Cond	ducted:	Hydrostatic	Pneumatic	Nominal C	perating Pressure		Exempt	
			Other	Pressure:	ps	i Test Ter	. di	۰ <b>۴</b>	

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.

9. Remarks \* See RER 2052666001.

Applicable Manufacturer's Data Reports to be attached Reference Transaction Number 141915 for issuance of new pump casing and discharge head assembly.

NOTE that this replacement was performed due to a commitment made to the NRC by SNC due to a problem with the ASME code

pedigree of the replaced pump (RER 2052666001). SNC committed to replace the casing and discharge head assembly at the

first available opportunity.

7

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the	e report are correct and that this c	onforms to the requirements of th	he ASME Code, Section XI.
Type Code Symbol Stamp:	<u> </u>	N/A	
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Signed: Ron Ifr	Kon Fler Asia O. Jorkins, Maintenar	Supt. nce <u>TeamLeader</u> Date:	1/20/09
Owner of Owner on Owner of Owner on Owner on Owner on Owner on Owner on Own	or Owner's Designee, Title		7 7

CERTIFICATE OF INSERVICE INSPECTION								
I, the undersigned,	holding a valid con	mission issued by the	National Boa	ard of Bo	oiler and Pressure Vesse	el Inspectors and the		
State or Province of	GEORGIA	and employed by	HSB	CT				
of HATTERAD	CT				have inspected the con	ponents described in this		
Owner's Report durin	g the period	10/13/08		to	1/21/09	, and state that to		
the best of my knowle	dge and belief, the	Owner has performed	examination	s and ta	ken corrective measures	described in this		
Owner's Report in acc	ordance with the re	equirements of the ASM	AE Code, Se	ction XI.				
examinations and cor	rective measures d	escribed in this Owner's	s Report. Fi	urthermo	nty, expressed or implied ore, neither the Inspector I arising from or connector	nor his employer shall be		
Commissions: <u>GA-822</u> A1N Inspector's Signature National Board, State, Province, and Endorsements								
	Sector S Signature			1441	ional board, State, 1 104	nce, and Endorsements		
Date: 1/21	109							

#### Corrected FORM N-2 CERTIFICATE HOLDER'S DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES\* As Required by the Provisions of the ASME Code, Section III Not to Exceed One Day's Production

Manufactured and contified by		CONTRACTOR AND	PT Certificate Holdes:	
Manufactured for Joseph M	I. Farley Nuclear Plant	, Units. 1. 8.2		******
Location of Installation Farle	y Nuclear + 7388 N. St	ate Highway 95 - Columb	ola: Alabama	
		ingen ann achtr	903i	
Type 1042592 Rev. 0.	See Page 3.	70.000 Psi	NR.	2007
SME Code, Section III. Division	1971	Summer '72	2	NA
	techient	include (1917)	(cines) NA	(Codo Cone no.) NA
obricated in accordance with C		(rs.)	)	Date
lemarks Pump casing w/d				tals including filler
metals are included in Pa		sign Spec# FS-S-06-001	PO# QP060948.	
See Page 4 for fabrication		NA Diamate ID	NA	NA
10/11. (IPCK/1883	Min, design thickness	Olemerer ID ~	L	engih overallNA
Vhen applicable, Certificate Ho	·	ched for each item of this repo	ərt.	
Peri or Appurtanence	National Soord No.		Appurtenance	National Board No.
Senal Number	in Numerical Qrc	ici Seri	al Number	In Numerical Order
(1)		(26)		
j2)		(27)		
(3)		(2A)		
14)		29		
(5)		(30)		····
(7)		(37)		
(2)		(33)		
(9)		(34)		
107				
13)				
12}		(37)	1-1-1	
*#		(39)		
5430-01	See Page 3	(60)		
137		(41)		
17;		(42)		
19)		(43)		<u></u>
19)		(45)		
21}		[16]	1	
281				
231				
241		(43)		

\* Supplemental Information is the form of lists, exatched, or drawings may be used provided; (1) size is 8½ × 11; (2) Information in items 2 and 3 on this Data Roport is included on each sheet will (3) each asset is numbered and the number of sheets is recorded at the top of the form.

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(09/00)

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PORM N-2 (Back - Pg. 2 of)								
	Centificate Hon	ters Serial Nov. 5430-01	WITOUGH NR					
CENT/FICATION OF DESIGN								
Design specifications certified by	An Nouven Ma NA ferior opilizatian		10 Neg. no. 16301					
	Certificate of Com	PLIANCE						
conforms to the rules of sphetruction NPT Certificate of Authorization Ne	We certify their the statements made in this report are correct and that this (three) <u>Casha/Discharge Hoad Assembly</u> conforms to the nifes of sentruction of the ASME Code, Section (It, Division 1, NPT Certificate of Authorization Ne. <u>N-3194</u> Data <u>10/2/08</u> Name <u>HivdroAlia Sarvicas, Inc.</u> INT Certificate of Authorization Statement representation							
	CERTIFICATE OF INSP	ECTION						
of <u>TLLINOLS</u> and employed I of <u>EXAN</u> <u>MR</u> . heat of my knowledge and heliof, the C Division 1. Such pert listed has been au By eleming this perfiltence neither the li in Sils Cota Report. Furthermore, neith	CERTIFICATE OF INSPECTION the undersigned, holding a valid commission issued by the Notional Board of Baller and Preneuro Versai Insections and the State or Province in <u>ILLINOLS</u> and employed by <u>ONE BACCH AMELIA I A State AMELIA</u> , and state that to the set of my knowledge and hellef, the Carutisette Notion has tablected directed or apportenances in accordance with the ASME Code, Station II. (Wiston 1, Sector servines: nother the inspector net his employed on the User clown above. Total Apport on the section of the state of the sta							

(0**1/68**1

Attachment to N-2 Data report,

## Order Number: NC 5430

Page 3 of 4

ITEM	PART	DWG			
NO.	NUMBER	NUMBER	DESCRIPTION	MATERIAL HEAT	MATERIAL Organization
1	1038385	1038385	Barrel	42046 Tracer 26044	Dubose National Energy
2	1038387	1038387	Drip Pocket Case	159273-1	Johnson Brass
3	1038388	1038388	Suction Nozzle	237780 Tracer 26045	Dubose National Energy
4	1038389	1038389	Discharge Nozzle	237780 Tracer 26045	Dubose National Energy
5	1038390	*1038390	Feet - Suction	159271	Johnson Brass
6	1038391	*1038391	Feet - Discharge	159271	Johnson Brass
7	1038392	*1038392	Guide Assembly Rail	G4654	Chcago Spectro Lab
8	1038393	1038393	Pipe Bypass - Barrel	451139	Dubose National Energy
9	1038395	*1038395	Pin Block	T2723-10	Dubose National Energy
10	1038397	*1038397	Fin	T2723-10	Dubose National Energy
11	1038398	1038398	Flange Drain	T2723-10	Dubose National Energy
12	1038399	1038399	Pipe Long - Drain	73400	Dubose National Energy
13	1038400	1038400	Pipe Short - Drain	73400	Dubose National Energy
14	1038401	-	Elbow - 1*, 90 Deg - Socket Weld	D66	Dubose National Energy
15	1038402	*1038402		96Y8	Dubose National Energy
16	1038404	1038404		42046 Tracer 26470	Dubose National Energy/Steel Industries Inc.
17	1038405	1038405		510309	Dubose National Energy
18	1038407	*1038407		159274-2	Johnson Brass
19	1038409	**1038409		NR	NR
20	1038410	1038410		4M58781	Nova
21	1038411	1038411		M21306	Nova
22	1038412	1038412		451139	Dubose National Energy
23	1038413	1038413		T2723-10	Dubose National Energy
24	1038414		Stud Bypass Pipe 5/8*	236896	
25	1038415	-	NUT Bypass Pipe	B870-35	Nova
26	1042454	1042454		73400	Dubose National Energy
27	1042628	**_	Eye Bolt 1" - 8 NC	NR	NR
28	1042630	1042630		9832658	Dubose National Energy
29	1042632	1042630		56033	Dubose National Energy
30	1043019	-	Elbow - 1-1/4", 90 Deg - Socket Weld	56033	Dubose National Energy
31	1043106	1043106		451139	Dubose National Energy
32	1043107	1043107	Pipe - Short Outboard Balance Line	451139	Dubose National Energy
33			Weld Material	AT 8600	Weld Star
			Weld Material	CM8490	Weld Star

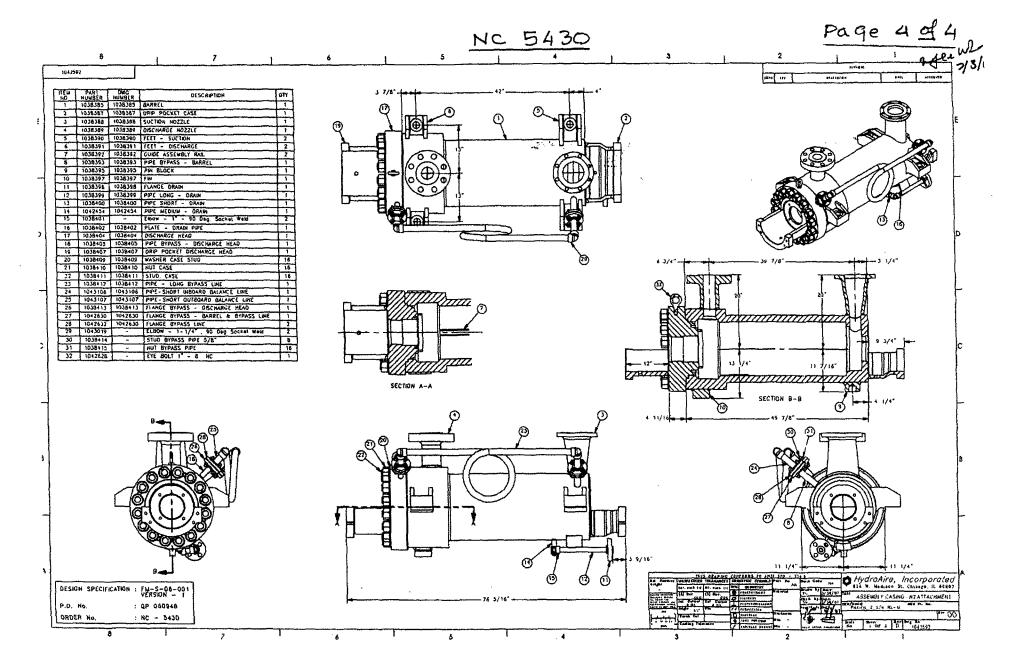
Correction In Bold:

Notes: (\*): Pressure boundry Attachments, (\*\*): Non Pressure Boundary / Non Safety related Material

Corrections in Bold letters:

AS BUILT PARTS LIST FOR NC-5430

Date Corrected: 8/22/2007 QA Manager: Welling



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

1.	Owner:						Date: November 3, 2008						
				Name	<u>, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>								
	40	Inverness (	Center Parkw	ay; Birm	ningham, AL 3524	2	5	Sheet: 1	of	2			
	······		,	Address			-						
2.	Plant:	Jo	seph M. Farle	ey Nucle	ar Plant (FNP)		_	Jnit:		FNP Unit 2			
				Name									
		7388 North	n State Hwy 9	95; Colur	nbia, AL 36319		Work Order No.: E21 - 2071857201						
				Address			Repair/Replacement Organization PO No, Job No, et						
З.	Work Perf	ormed By:	FNF	P Mainte	nance Departmer	nt	Type Code Symbol Stamp: N/A						
				Name			· · · · · · · · · · · · · · · · · · ·						
		7388 North	State Hwy 9	5; Colur	nbia, AL 36319		A	uthorization No	.:	N/A			
			Ļ	Address			-						
							E	Expiration Date:		N/A			
4.	Identificati	on of Syste	m:	TF	NS: Q2E21V010	1C (RCF	P 2C Seal	Injection Supply	/ Check Va	lve), ASME Clas	s 1		
5.	(a) Applica	able Constru	uction Code:		Section III	1971 *	Edition,	None	Addenda,	N/A	Code Case		
	Year												
	(b) Applicable Edition of Section XI Used for Repair/Replacement A							ctivity: 2001 Addenda: 2003					
							Year						
	(c) Applica	ble Section	XI Code Cas	se(s):				N/A					
6.	Identificati	on of Comp	onents:										
			Nome	f			National	Other	Vage	Corrected,	ASME Code		
٢	lame of Co	mponent	1	Name of Manufacturer		rial No.	Board	Identification	Year Built	Removed, or	Stamped		
			mandia				No.		l Dam	Installed	(Yes or No)		
	Stu	d	Unk	•	Q2E21-CCA-	1C **	N/A	None	Unk.	Removed	No		
	Stu	d	Nova Ma	chine	HT # 5514	3	N/A	PO: QP0604	2 2006	Installed	No		
	••••••••••••••••••••••••••••••••••••••												
7.	Descriptior	of Work:		One	of the studs used	l in the c	connection	of valve Q2E2	1V0101C w	as replaced. ***			
8.	Tests Cond	ducted:	Hydrostatic		Pneumatic	l	Nominal C	Operating Press	ure	Exempt			
			Other		Pressure:		ps	si Test T	emp.:	•F			

9. Remarks \* FNP Piping Specification SS-1109-02 allows a construction code of ASME Section III, 1971 Edition thru 1983 Ed. with

Applicable Manufacturer's Data Reports to be attached 1984 Summer Addenda for bolting on this class line.

\*\* This is the serial number of the line in which the check valve is installed.

The PO under which the original stud was installed is unknown.

Reference Transaction Number 144765 for issuance of new stud.

The newly installed stud was given a VT-1 examination on November 1, 2008, prior to installation.

The position of the new stud is 11:00 as seen when facing the valve from beneath the grating above the 105' elevation.

	CERTIFICATE OF CO	MPLIANCE					
I certify that the statements made in th	e report are correct and that th	is conforms to the requirements of the A	SME Code, Section XI.				
Type Code Symbol Stamp: N/A							
Certificate of Authorization No.:	N/A	Expiration Date:	N/A				
Signed: La Ila	Zon Tyler -Asia Or Jorkino, Mainte	Supt. nance <del>Jeam Leader</del> Date:					
Owner // Owner	or Owner's Designee, Title	**************************************					

		CERTIFICATE OF I	<b>VSERVICE IN</b>	ISPECTIC	<u>N</u>	
I, the undersigned, ho	lding a valid comr	nission issued by the	National Boa	rd of Boile	er and Pressure V	essel inspectors and the
State or Province of	(COLGIA	and employed by	ASB	T		
of HAR	PORO.	CT -		ha	ave inspected the	components described in this
Owner's Report during th	e period	11/01/08		to	1/22/09	, and state that to
the best of my knowledg	e and belief, the C	owner has performed	examinations	and taker	corrective meas	sures described in this
Owner's Report in accord	dance with the rec	uirements of the ASM	IE Code, Sec	tion XI.		
liable in any manner for a	tive measures de	scribed in this Owner's v or property damage	s Report. Fur	thermore, ny kind ar	neither the Inspe ising from or conr 827 A1	nplied, concerning the ector nor his employer shall be nected with this inspection. N Province, and Endorsements
Date: 1/22	109	······				

en en en en en en

# Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

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1 .	1			Jo	b Number						
					E21-DCP-	2050912(	001-01 Sh	eet 1 of 4			
40 Inv Birmi	ern Nuclear Opera erness Center Par ngham, Alabama 3 ent for Alabama P	kway 15242	Fa H	arley Nuclea ighway 95 S olumbia, Al	outh	319	Un Da	FNP 2			
3. Work per	formed by			Ту	pe Code S	Code Symbol Stamp N/A					
Name : <u>.</u>	Southern Nuclear O	perating Company Plant	Modifications	i Au	Authorization Number N/A						
Address	: Joseph N	I. Farley Nuclear Plan	<u>it</u>	Ех	piration <b>E</b>	Date	N/A				
4. Identificat	4. Identification of System Q2E21- CHEMICAL VOLUME CONTROL SYSTEM, ASME CLASS 2										
5. (a) Applicable Construction Code:* 19 * Edition * Addenda, Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, 20 01 Edition 2003 Addenda, Code Case											
6. Identificat Name of Component	ion of Components Name of Manufacturer	Repaired or Replace Manufacturer Serial Number	d and Replac National Board No.	Ot	ponents: her ĭcation	Year Built		or Code			
VALVE	KEROTEST MFG. CORP.	VC4-22	N/A		Q2E21V061A 19 FNP2-55 19		REPLACEI	) YES			
VALVE	DRAGON VALVES INC.	TW1552	N/A	Q2E21 QP07		2008	REPLACEMEN	it yes			
VALVE	KEROTEST MFG. CORP.	EE3-5	N/A	Q2E21 FNP		1975	REPLACED	YES			
VALVE	DRAGON VALVES INC.	TW1158	N/A	Q2E21 QP07		2008	REPLACEMEN	T YES			
VALVE	KEROTEST MFG. CORP.	EE3-7	N/A	Q2E21V FNP2		1975	REPLACED	YES			
VALVE	DRAGON VALVES INC.	TW1160	N/A	Q2E21 QP070		2008	REPLACEMEN	T YES			
VALVE	KEROTEST MFG. CORP.	VC4-3	N/A	Q2E21 V FNP2		1978	REPLACED	YES			
VALVE	DRAGON VALVES INC.	<sup>.</sup> TW1163	N/A	Q2E21 V QP070		2008	REPLACEMEN	r yes			
VALVE	KEROTEST MFG. CORP.	VC4-21	N/A	Q2E21V FNP2		1978	REPLACED	YES			
VALVE	DRAGON VALVES INC.	TW1157	N/A	Q2E21V QP070		2008	REPLACEMENT	YES			

# Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

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s required by	the provisions of the AS	ME Code Section XI		Job Number	Job Number					
				E21-DCP-20	050912001	-01	Sheet 2	of 4		
VALVE	KEROTEST MFG. CORP.	EE3-8	N/A	Q2E21V071C FNP2-55	1975	REP	LACED	YES		
VALVE	DRAGON VALVES INC.	TW 1161	N/A	Q2E21V071C QP070655	2008	REPLAC	CEMENT	YES		
VALVE	KEROTEST MFG. CORP.	RT5-2	N/A	Q2E21V075A FNP2-55	1977	REPI	REPLACED			
VALVE	DRAGON VALVES INC.	TW1156	N/A	Q2E21V075A QP070655	2008	REPLAC	CEMENT	YES		
VALVE	KEROTEST MFG. CORP.	RT5-7	N/A	Q2E21V075B FNP2-55	1977	REPL	ACED	YES		
VALVE	DRAGON VALVES INC.	TW 1159	N/A	Q2E21V075B QP070655	2008	REPLAC	REPLACEMENT			
VALVE	KEROTEST MFG. CORP.	RT5-18	N/A	Q2E21V075C FNP2-55	1977	REPL	ACED	YES		
VALVE	DRAGON VALVES INC.	TW1153	N/A	Q2E21V075C QP070655	2008	REPLACEMENT		YES		
VALVE	KEROTEST MFG. CORP.	EE2-7	N/A	Q2E21 V080A FNP2-55	1975	REPLACED		YES		
VALVE	DRAGON VALVES INC.	TW1162	N/A	Q2E21 V080A QP070655	2008	REPLACEMENT		YES		
VALVE	KEROTEST MFG. CORP.	OK8-7	N/A	Q2E21V080B FNP2-55	1975	REPLACED		YES		
VALVE	DRAGON VALVES INC.	TW1155	N/A	Q2E21V080B QP070655	2008	REPLACEMENT		YES		
VALVE	KEROTEST MFG. CORP.	OK8-14	N/A	Q2E21V080C FNP2-55	1975	REPLACED		YES		
VALVE	DRAGON VALVES INC.	TW1154	N/A	Q2E21V080C QP070655	2008	REPLACI	EMENT	YES		
STUD	UNKNOWN	UNKNOWN	N/A	N2E21FE986	1978	REPLA	CED	YES		
STUD	NOVA MACHINE PRODUCTS	7221161	N/A	N2E21FE986 QP070144	2007	REPLACE	EMENT	YES		
NUT	UNKNOWN	UNKNOWN	N/A	N2E21FE986	1978	REPLA	CED	YES		
NUT	MACKSON INC.	245182	N/A	N2E21FE986 QP070844	2007	REPLACE	MENT	YES		
SUPPORT	DANIEL CONSTRUCTION COMPANY	N/A	N/A	SS-12297	1978	REPLA	CED	NO		
SUPPROT	SNC	N/A	N/A	SS-12297	2008	REPLACE	MENT	NO		
SUPPORT	DANIEL CONSTRUCTION COMPANY	N/A	N/A	SS-12460	1978	REPLAC	CED	NO		
SUPPROT	SNC	N/A	N/A	SS-12460	2008	REPLACE	MENT	NO		

Form NIS-2 Owner's Report for Repairs or Replacements

	Job Number								
	E21-DCP-2050912001-01	Sheet 3 of 4							
7. Description of Work The following valves were replaced per DCP 2050912001 and associated work ord Q2E21B061A-WO:2050912025; Q2E21B061B-WO:2050912026; Q2E21B061C-W Q2E21B071B-WO:2050912029; Q2E21B071C-WO:2050912030; Q2E21B075A-W Q2E21B075C-WO:2050912033; Q2E21V080A-WO:2050912034; Q2E21B080B-W Seismic Support SS-12297 and SS-12460 had friction clamps removed and replace LEAK TEST (VT-2) WAS PERFORMED PER WO2050912025 AND FNP-2-STP	'O:2050912027; Q2E21B071A-WC 'O:2050912031; Q2E21B075B-WO 'O:2050912035; Q2E21B080C-WC ed per WO: 2050912025 an 205091	):2050912032; ):2050912036.							
8. Test Conducted Hydrostatic Pneumatic Normal Operating Pressure Pressure PSI Temperature °F	None 🛛 Other	<u></u>							
Per Code Case N-416-4 a VT-2 was performed in conjunction with a pressure test at nominal operating pressure and temperature for all modified piping, The pressure test was documented per Inservice Test No. 9120-IS01 and performed under ISI program procedure FNP-2-STP-156.3.									
A VT-3 was performed on pipe supports SS-12297 and SS-12460.									
<ul> <li>9. Remarks (Applicable Manufacturer's Data Reports to be attached)</li> <li>* Construction Code for piping components: ASME Section III, 1971 Edition, Summer 71 Addenda</li> <li>Construction Code for pipe supports: AISC 1969 Edition</li> </ul>									
Valve Q2E21V061A was replaced per WO 2050912025. See transaction # 143980 for a	applicable material issue information								
Valve Q2E21V061B was replaced per WO 2050912026. See transaction # 143976 for a	applicable material issue information								
Valve Q2E21V061C was replaced per WO 2050912027. See transaction # 143977 for a	applicable material issue information	······································							
Valve Q2E21V071A was replaced per WO 2050912028. See transaction # 143978 for a	applicable material issue information								
Valve Q2E21V071B was replaced per WO 2050912029. 1 stud and 2 nuts were replace N2E21FE986 on line Q2-E21-CCB-30. See transaction # 143980 and 145110 for applic		ling surface for							
Valve Q2E21V071C was replaced per WO 2050912030. See transaction # 143982 for a	pplicable material issue information.								
Valve Q2E21V075A was replaced per WO 2050912031. See transaction # 143983 for a	pplicable material issue information.								
Valve Q2E21V075B was replaced per WO 2050912032. See transaction # 143983 for a	pplicable material issue information								
Valve Q2E21V075C was replaced per WO 2050912033. See transaction # 143987 for a	pplicable material issue information								
Valve Q2E21V080A was replaced per WO 2050912034. See transaction # 143988 for a	pplicable material issue information								
Valve Q2E21V080B was replaced per WO 2050912035. See transaction # 143989 for a	pplicable material issue information								
Valve Q2E21V080C was replaced per WO 2050912036. See transaction # 143990 for a	alve Q2E21V080C was replaced per WO 2050912036. See transaction # 143990 for applicable material issue information								
T-2 leak test performed per work order 2050912025 and FNP-2-STP-156.3.									

# Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

Job Number E21-DCP-2050912001-01 Sheet 4 of 4

Certificate of Compliance         We certify that the statements made in the report are correct and this       replacement         ASME Code, Section XI.       repair or replacement         Type Code Symbol Stamp       N/A         Certificate of Authorization Number       N/A         Expiration       Signed         Multiple       Plant MODS Supervisor         Owner or Owner's Designee, Title											
ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization Number N/A Expiration Signed M Common Plant MODS Supervisor Da Owner or Owner's Designee, Title	Certificate of Compliance										
Certificate of Authorization Number <u>N/A</u> Expiration Signed <u>Mucconan</u> <u>Plant MODS Supervisor</u> Da <u>Owner or Owner's Designee, Title</u>											
Signed <u>Am Colomon</u> Plant MODS Supervisor Da Owner or Owner's Designee, Title											
Owner or Owner's Designee, Title	n Date N/A										
	ate 1/22/09										
Owner or Owner's Designee, Title         Certificate of Inservice Inspection         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of											

#### Figure 1 FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required By The Provisions Of The ASME Code Section XI Southern Nuclear Operating Company Date 11-26-2008 Owner 1. Name 1 2 40 Inverness Center Parkway Sheet of Birmingham, Alabama 35242 Address Plant Farley Nuclear Plant Unit 2 2. Name Highway 95 Southern Company E21 - DCP - 2081834801-01 Columbia, Alabama 36319 Repair/Replacement Organization P.O. No., Job No., etc. Address Type Code Symbol Stamp N/A Work Performed by Southern Nuclear Operating 3. Company / SD - Modification N/A Authorization No. Name **Expiration Date** N/A Farley Nuclear Plant Address Identification of System E21 CVCS 4.

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

Identification Of Components 6.

				National		1	Corrected,	ASME Code
	Name of	Name of	Manufacturer	Board	Other	Year	Removed, or	Stamped
C C	Component	Manufacturer	Serial No.	No.	Identification	Built	installed	(Yes or No)
	ELBOW	IDEAL FORGING	56437	NA	7047Q62601	1973	REMOVED	NO
		со						
7								
	TEE	Alloy Stainless	DB	NA	QP0720402	1992	INSTALLED	NO
		Products Co.						
	PIPE	SANDVIK	474905	NA	QP94-1311	1989	INSTALLED	NO
	REDUCING	VALBRUNER	XKR	NA	QP080944	2007	INSTALLED	NO
C	OUPLING	SLATER						
		STAINLESS INC.		NA				
	ELBOW	Alloy Stainless	Alloy Stainless BA		7047Q62846	1974	INSTALLED	NO
J		Products Co.					ļ	
1	1		н. Т			1		
						+		
	1							
$\vdash$						1		
<b></b>				i i i i i i i i i i i i i i i i i i i	<u></u>	T		
						1		

Description of Work Installed ¾ inch vent valves in discharge side of 2A Charging Pump. 7.

**Test Conducted:** 8.

Other Pressure 2750

Nominal Operating Pressure x Hydrostatic Pneumatic psi Test Temp.

Exempt

٥F

FNP-0-GMP-0.2

#### FORM NIS-2 (Back) Remarks In-Service leakage test performed at normal operating pressure and temperature. Verified through 9. control room instrumentation. Applicable Manufacturer's Data Reports to be attached **CERTIFICATE OF COMPLIANCE** We certify that the statements made in the report are correct and that this conforms to the rules of the ASME Code, Section XI. repair or replacement N/A Type Code Symbol Stamp N/A Certificate of Authorization No. **Expiration Date** N/A 12-108 Nol Signed 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 \_\_\_\_\_\_\_ GEORGH\_\_\_\_\_\_ and employed by \_\_\_\_\_\_HSB CT of HARTFORD, CT have inspected the components described in this Owner's Report during the 10/21/08 bd belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions <u>GA 827</u> AIN National Board, State, Province and Endorsements ector's Signature Date

Figure 1

As Required By The Provisions Of The ASME Code Section XI

1.	Owner	Southern N	uclear Operating Company	Date	Oct. 29 <sup>rd</sup> 2008				
		40	Name Inverness Center Parkway Birmingham, AL 35242	Sheet	1	of	2		
2.	Plant	••••••••••••••••••••••••••••••••••••••	Address Farley Nuclear Plant	Unit	FNP 2				
		Highway	Name 95 South Columbia, Al 36319		G24	4 -2062746301			
			Address	Repair/Repla	acement Orga	inization P.O. No	., Job No., etc.		
3.	Work Pe	Work Performed by SNC Maintenance Dept		Type Code Symbol	Stamp	N/.	Ą		
			Name	Authorization No.		N/A			
				Expiration Date		N/A			
		Josep	h M. Farley Nuclear Plant						
			Address						
4.	Identifica	ation of System	n	Steam Generator Blo	w down Syst	tem			
_						<b>1 F 1</b>			

- (a) Applicable Construction Code <u>SEE NOTE</u> Edition, Addenda, Code Case 5. (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 EDITION W/ 2003 ADDENDA (c) Applicable Section XI Code Case(s) NA
- 6. **Identification Of Components**

			National			Corrected,	ASME Code
Name of	Name of	Manufacturer	Board	Other	Year	Removed, or	Stamped
Component	Manufacturer	Serial No.	No.	Identification	Built	Installed	(Yes or No)
MECHANICAL SNUBBER	PACIFIC SCIENTIFIC	2043	NA	EXAM 20601	1977	REMOVED	No
				•			
HYDRAULIC SNUBBER	LISEGA	30700561/069	NA	QP080176	2007	INSTALLED	No

#### Description of Work REPLACEMENT SNUBBER SS12896 WAS REPLACED DUE TO A SCHEDULED UPGRADE: 7. REFERENCE TRANSACTION # 141140 VT-3 WAS PERFORMED AFTER SNUBBER WAS INSTALLED

**Test Conducted:** 8.

 Hydrostatic
 Pneumatic
 Nominal Operating Pressure

 Other
 X
 Pressure
 psi
 Test Temp.

Exempt

°F

## 9. Remarks SUPPORTS DESIGNED TO AISC-1969 AND WELDED TO AWS D1.1-86.

Applicable Manufacturer's Data Reports to be attached

#### **REFERENCE EQUIVALENCY DETERMINATION** PDE S 96 0 0225

)	CERTIFICATE OF		
We certify that the statements n	hade in the report are		
rules of the ASME Code, Section XI.		repair or re	eplacement
Type Code Symbol Stamp		N/A	
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed <u>Iop</u> Asia O Jean Owner or Owner's Desig	WS TEAM LEADER	Date <u>12/03/08</u>	
Owner or Owner's Desig	nee, Title		······································
C	ERTIFICATE OF INSE	RVICE INSPECTION	
I, the undersigned, holding a v			
Inspectors and the state or Province of	GEDLE	and employed byS	<u> </u>
h#F17010, CTh period/0/02/08t	ave inspected the co	mponents described in this	Owner's Report during the
period / 0/02/08 t	0	, and state that to the	best of my knowledge and
belief, the Owner has performed exam			d in this Owner's Report in
accordance with the requirements of the	e ASME Code, Sectior	ו XI.	
		· · · ·	
By signing this certificate neith			
concerning the examinations and corr			
Inspector nor his employer shall be lia		any personal injury or prope	rty damage or a loss of any
kind arising from or connected with this		,	
MAULA	Commiss	ions <u>GA 827 ANN</u>	
Anspector's Signature		National Board, State, Provi	nce and Endorsements
Date 1/13/39			

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

1.	Owner:	ł	Southern	Nuclear (	Operating Co.	C	Date:		Nove	ember 17, 2008		
				Name		-						
	40 Inverne	ess Ce		-	ningham, AL 35242	- -	Sheet:	1	_ of	2		
				Address								
2.	Plant:	Jose	ph M. Far		ar Plant (FNP)	- L	Init:			FNP Unit 2		
				Name								
	7388 N	lorth S	· · · · · · · · · · · · · · · · · · ·		mbia, AL 36319		Work Order					
		_		Address	_	_				anization PO No, Job No, etc.		
3.	Work Performed I	By:	FN		nance Department	- Т	ype Code S	ymbol	Stamp:	N/.	A	
				Name								
	7388 N	lorth S			nbia, AL 36319	- A	uthorization	No.:		N/A		
				Address		Expiration Date: N/A						
4.	Identification of Sy	ystem:	<del></del>		TPNS: Q2N11V000	3B (2B SG	i MSIV Bypa	iss Va	ive), ASN	1E Class 2		
5.	(a) Applicable Cor	nstruct	ion Code:		Section III , 1968 *	Edition,	None	Ac	ldenda,	N/A	Code Case	
	Year											
	(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003											
	Year											
	(c) Applicable Sec	tion X	Code Ca	ise(s):			N/	A	··	,		
6.	Identification of Co	ompon	ents:									
					I	National				Corrected,	ASME Code	
	Name of Componer	nt	Nam Manufa		Manufacturer Serial No.	Board	Other		Year Built	Removed, or	Stamped	
			Manula			No.	Identification		Dunt	Installed	(Yes or No)	
	Valve Bonnet		Vela	an	HT # E-8246 **	N/A	PO: FNP	-190	1973	Removed	No	
	- · · · · · · · · · · · · · · · · · · ·		****	*****			I					
	Valve Bonnet		Vela	an	17645 ***	N/A	PO: QP07	0893	2008	Installed	Yes	
							L					
	<b></b>				·							
							ļ					
					l		l					
7.	Description of Wor	'k:			Replaced	bonnet on	valve Q2N1	1V000	03B.			
8.	Tests Conducted:	н	ydrostatic		Pneumatic	Nominal C	Operating Pre	essure	Ŋ	Exempt		
	Other Pressure:psi Test Temp.:°F											

9. Remarks \* The Draft Pump and Valve Code issued in November 1968 was the governing construction code for this valve.

9. Remarks The Drait Pump and Valve Cod	le issued in November 1966 was the governing constitución code for this valve.
** The serial number of the original valve as	Applicable Manufacturer's Data Reports to be attached ssembly was 2076.
*** The heat number for the new bonnet is 2	227E422.
Reference Transaction Number 140478 for	issuance of new bonnet.
±-*/-	
·····	
	CERTIFICATE OF COMPLIANCE
I certify that the statements made in the i	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
Signadi Pa - 20 -	For Ju Supt. Acia O. Jerkins, Maintenance Jeam Leader Date: 1/28/09
Signed: Kon Calu	Aeia O. Jerkins, Maintenance Team Leader Date: 17809
<i>U</i>	B
	CERTIFICATE OF INSERVICE INSPECTION
<ol> <li>I, the undersigned, holding a valid commit</li> </ol>	ission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
and a comparison	
	and employed by HSB CT
of CHRITFORD, CT	have inspected the components described in this
of <u>HARTFORD</u> CT Owner's Report during the period	

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

	BAULO	Commissions:	GA 827 ATN
	Inspector's Signature		National Board, State, Province, and Endorsements
Date:	1/28/09	-	

PAGE - 3/13 #S-082021	
FORM N <sup>2</sup> CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES* As Required by the Provisions of the ASME Code, Section III 'Pg. <u>Not to Exceed One Day's Production</u>	. 1 of 2
1. Manufactured and certified by VELAN INC., 550 MCARTHUR STREET, MONTREAL., QUEBEC, CANADA H4M 1X8 (name and address of NPT Certificate holder)	
2. Manufactured for ALABAMA POWER COMPANY c/o Southern Nuclear Operating Co. P.O. Box 1295 Birmingham AL. 34 (name and address of Purchaser)	5201 USA
3. Location of installation ALABAMA POWER COMPANY Farley Nuclear Plant 7388 N.STATE HIGHWAY 95 COLUMBIA AL 36 (name and address)	319 USA
DWG ITEM: 29-31; 46-48 4. Type: (VLV) P2-0607-N07 Rev.G SA-105 70,000 PSI (Min.) N/A	. 2008
	∠000 (bel)
5. ASME Code, Section III, Division 1: 1977 NONE 2 No. (class) (Code Ca	
6. Fabricated in accordance with Const. Spec. (Div. 2 only) - Revision - Date -	
7. Remarks: EXCEPT MATERIAL SPEC.SUPPLIED IS TO ASME SEC.II PART-A CODE EDITION: 1989 ADDENDA: NO	NE
BONNET HEAT NUMBER:: 227E422 /TEST No. 76078 Trace: 2FZJ (H/F: STELLITE #6)	
SPARE PART FOR: 3"-600# P/S GATE VALVE c/o Pneumatic Operator (VALVE FIGURE: B10-25PS-2TS)	
8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.)	N/A

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or appurtenance Serial Number		National Board No. in	
		Numerical Order	
(1)	BONNET SN: 17644	N/A	
(2)	BONNET SN: 17645	N/A	[
(3)			
(4)			
(5)			
(6) ੍			
(8)			
(9) _			
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<b>4</b> \			
5) 5)			

Part or appurtenance Serial Number	National Board No. in Numerical Order
(26)	
(27)	
(28)	
(29)	
(30)	
(31)	
(32)	
(33)	
(34)	· · · · · · · · · · · · · · · · · · ·
(35)	
(36)	
(37)	
(38)	
(39)	
(40)	
(41)(42)	
(43)	······
(44)	
146)	
(10)	
147	
(40)	
(40)	
(50)	

10. Design condition: <u>N/A</u> psi. Temp. <u>N/A</u> °F.

Hydro test pressure N/A at temp.°F

\*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½x 11, (2) information in Items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88) This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box2300, Fairfield, NJ 07007-2300.

## PAGE-4/13 **#S-082021**

FORM N-2 (Back - Pg. 2 OF 2 )

Certificate Holder's Serial Nos. <u>#17644</u> through <u>17645</u>

	AFRT								
CERTIFICATION OF DESIGN									
Design specifications certified by	I/A	P.E.State	N/A	Reg.no N/A					
(wh	en applicable)								
Design report* certified by N/A		P.E.State	N/A	Reg.no N/A					
	n applicable)			Negulo NVA					
	CERTIFIC	ATE OF CO	OMPLI	ANCE ,					
We certify that the statements made conforms to the construction of the			these)	3"-600# P/S GATE VALVE "BONNET"					
NPT Certificate of Authorization No	N-2798-2	·		Expires: 20 APRIL 2010					
Date April 7, 2008 Name	VELAN INC.			Signed: Attant VELAN					
	(NPT Certificate Holder)			(Authorized Representative)					
Let a cost of the state of the									
	,								

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

1.	Owner:		Southern N	luclear (	Operating Co.	I	Date:	Nov	ember 17, 2008	
				Name		-				
	40	Inverness			ningham, AL 35242	-	Sheet: 1	of	2	
				Address						
2.	Plant:	Jo	seph M. Farl	ey Nucle	ar Plant (FNP)	_ 1	Unit:		FNP Unit 2	
				Name						
		7388 North	n State Hwy 9	5; Colur	nbia, AL 36319		Work Order N			
	Address							-	anization PO No.	Job No, etc.
З.	Work Per	formed By:	FN	P Mainte	nance Department	_	Type Code Sym	ibol Stamp:	N	/A
				Name						
		7388 North	State Hwy 9	15; Colur	nbia, AL 36319	_ /	Authorization Ne	o.:	N/A	
			/	ddress		_				
						E	Expiration Date:		N/A	·····
4.	4. Identification of System: TPNS: Q2N11V0003D (2A SG MSIV Bypass Valve)									
5.	(a) Applic	able Constr	uction Code:		Section III , 1968	Edition,	None	Addenda,	N/A	Code Case
					Year					
	(b) Applica	able Edition	of Section X	Used for	or Repair/Replacement A	ctivity:	2001	Addenda:	20	03
							Year			
	(c) Applica	able Section	XI Code Ca	se(s):			N/A			
6,	Identificati	ion of Comp	onents:							
			Nome			National	Other	Voor	Corrected,	ASME Code
N	Name of Co	omponent	Name Manufac		Manufacturer Serial No.	Board	Identificatio	n Built	Removed, or	Stamped
			inariala			No.	lucitatio		Installed	(Yes or No)
	Valve B	onnet	Vela	n	4574 (HT # 440970)	N/A	PO: FNP-19	90 1975	Removed	No
	Valve B	onnet	Vela	ก	17644 (HT # 227E422)	N/A	PO: QP0708	93 2008	Installed	Yes
								·		
	,									
							I			
										I
			ļ				<u> </u>			<b>_</b>
			<u> </u>				<u> </u>			
7.	Descriptior	n of Work:			Replaced va	lve bonnel	on valve Q2N	1V0003D.		
8.	Tests Con	ducted:	Hydrostatic		Pneumatic	Nominal (	Operating Press	sure 🔽	Exempt	
			Other		Pressure:	p:	si Test <sup>*</sup>	Temp.:	<b>ج</b> ه	

9. Remarks \* The Draft Pump and Valve Code issued in November 1968 was the governing construction code for this valve.

Reference Transaction Number 1459	22 for issuance of new bonnet.		
	<u></u>		
			<u> </u>
	·····		, ,, ,, ,
	CERTIFICATE OF COMP		
	CERTIFICATE OF COM		
L certify that the statements made i	n the report are correct and that this o	conforms to the requirements of the A	SME Code Section )
Type Code Symbol Stamp:		N/A	
			· · · ·
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Signed:	<ul> <li>Asia O. Jerkins, Maintena</li> </ul>	nce Team Leader Date:	listan
	ner or Owner's Designee, Title		<u> </u>

	CERTIFICATE OF INSER	VICE INSPECTI	ON	
I, the undersigned, holding a valid cor	nmission issued by the Nation	nal Board of Boild	er and Pressure Vesse	I inspectors and the
State or Province of	and employed by	BB CT		
of thattand of		h	have inspected the com	ponents described in this
Owner's Report during the period	11/11/08	to	1/28/09	, and state that to
the best of my knowledge and belief, the	Owner has performed exami	inations and take	en corrective measures	described in this
Owner's Report in accordance with the r	equirements of the ASME Co	de, Section XI.		
By signing this certificate neither the I examinations and corrective measures of liable in any manner for any personal inju- manual for any personal inju- liable in any manner for any personal inju- manual for any personal inju- liable in any manner for any personal inju- manual for any personal inju- liable in any manner for any personal inju- formation for any personal inju- liable in any manner for any personal inju- formation for any personal inju- formation for any personal inju- formation for any personal inju- liable in any manner for any personal inju- formation for any personal inju- to any personal inju- formation for any personal inju- form	lescribed in this Owner's Rep ury or property damage or a k	ort. Furthermore oss of any kind a osions: <u>GA</u>	e, neither the Inspector rising from or connecte - 827 AN	nor his employer shall be
Date: 1/28/09				

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. <b>4</b>		PAGE	-3/13	#S-082	2021
		Ĺ	I		
FO	ORM N-2 CERTIFICATE HOL	DERS' DATA REPO	ORT FOR IDEN	ITICAL	
	NUCLEAR PARTS				
Δς Ι	Required by the Provis		_	ction III	Pg. 1 of 2
		One Day's Produ	•	0.071	· g. · v. L
1. Manufactured and certified b	Y VELAN INC., 550 MCARTH			C, CANADA H4	<u>M 1X8</u>
2. Manufactured for ALABAMA		ddress of NPT Certificate holder)		x 1295 Birminal	ham Al 35201 USA
	(name and a	ddress of Purchaser)			
3. Location of installation ALA	BAMA PUWER COMPANY Fand (name and		SN.STATE HIGH	WAY 95 COLUN	IBIA AL 36319 USA
DWG ITEM: 29-31; 46-48	D 0 04405	70.000 001 (Min )			
4. Type: (VLV) P2-0607-N07	Rev.G SA-105	70,000 PSI (Min.) (tensite strength)		N/A	(year but)
		A 17-	0		
5. ASME Code, Section III, Divis	(edition) (adden	da date)	 (ciass)		(Code Case no.)
6. Fabricated in accordance with	n Const. Spec. (Div. 2 only)	- Rev	ision -	Date	·
7. Remarks: EXCEPT MATER	IAL SPEC.SUPPLIED IS TO AS		ODE EDITION:	1989 ADDE	NDA: NONE
	007E400 #ECT No. 76070 1				
BUNNET HEAT NUMBER:	227E422 /TEST No. 76078 1	race: ZFZJ (HVF: 5	IELLIIE #0)		
SPARE PART FOR: 3"-60	00# P/S GATE VALVE c/o Pneu	matic Operator (VAL	VE FIGURÉ: B	10-25PS-2TS)	
	t Ain design thickness (in ) N/A		) . NI/A	Longth August	(A 0 to ) A1/A
8. Nom. thickness (in.) <u>N/A</u> N	AID: Design thickness (III.) IVA		<u>) N/A</u>	Length overall	(ft & in.) N/A
9. When applicable, Certificate F	lolders' Data Reports are attach	ed for each item of thi	is report:		
Part or appurtenance	National Board No. in	Partora	ppurtenance	Nation	al Board No. in
Serial Number	Numerical Order	Sena	INumber	Num	erical Order
(1) BONNET SN: 17644	N/A	(26)			
(2) BONNET SN: 17645	N/A	(27)			
(3)		(28)			
(4)		(29)			····
(5)	······································	(30)	* <u></u>		
(6)		(32)			
(8)		(33)			
(9)		(34)	<u></u>		·
(10)		(35)			
(11)		(36)			
(12)		(37)			
(13)		(38)			
(14)		(39)			
(15)(16)		(40)(41)			
(17)		(42)			
(18)		(43)			
(19)		(44)			

10. Design condition: <u>N/A</u> psi. Temp. <u>N/A</u> °F.

(20)

(21)

(22) (23)

(24) (25) ļ

Hydro test pressure N/A at temp.°F

\*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 ½x 11. (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(45)

(46)

(47)

(48) (49)

(50)

(12/88) This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box2300, Fairfield, NJ 07007-2300.

## PAGE-4/13 **#S-082021**

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FORM N-2 (Back - Pg. 2 OF 2 )

Certificate Holder's Serial Nos. <u>#17644</u> through <u>17645</u>

CERTIFICATION OF DESIGN									
Design specifications certified by	N/A	P.E.State	N/A	Reg.no N/A					
Boolg. op of	(when applicable)								
Design report* certified by N/A		P.E.State	N/A	Reg.no N/A					
	(when applicable)		·····						
	CERTIFICAT		ווסאר						
	CENTIFICAT			r r					
We certify that the statements ma	de in this report are correct a	nd that this (	these)	3"-600# P/S GATE VALVE "BONNET"					
conforms to the construction of the	ne ASME Code, Section III, L	JIVISION 1.							
NPT Certificate of Authorization N	o. <u>N-2798-2</u>		·	Expires: 20 APRIL 2010					
Date April 7, 2008 Na	me: VELAN INC.			Signed: Arthank KELAN					
	(NPT Certificate Holder)			(Authorized Representative)					
	CERTIFICAT	E OF I	NSP	ECTION					
the undersioned holding a valid	commission issued by the Na	tional Board	l and Pr	essure Vessel Inspectors and the State or Province of					
Quebec and employed by	Regie du Batiment du	u Quebec		of <u>Quebec</u> have inspected these items					
described in this Data Report on	2008/04/08 abricated these parts/or app	ourtenances	in acco	, and state that to the best of my knowledge and rdance with the ASME Code, Section III, Division 1.					
Each part listed has been authorize	ed for stamping on the date sl	hown above	•						
By signing this certificate, neither t	he inspector nor his employe permore, neither the inspecto	er makes ar or nor bis em	iy warra plover s	nty, expressed or implied, concerning the equipment shall be liable in any manner for any personal injury or					
property damage or loss of any kine	d arising from or connected y	oth this insp	ection.						
Date 2009/04/08_Signed	l'immore l	La Co	mmissi	C. CAMPANA CC # 9969					
Usic <u>acc 40 1100</u>	Authorized Nuclear Inspector			Not and derivation of the second and a					
0									

As Required By The Provisions Of The ASME Code Section XI

1.	Owner	Southern Nu	Iclear Opera	ating Company	Date	Oct. 23 <sup>rd</sup> 2008		
			Nam nverness C Birminghan	enter Parkway	Sheet	1	of	2
2.	Plant		Addres	6S	Unit		FNP 2	••••••••••••••••••••••••••••••••••••••
		Highway 9	Name South Co Addre	lumbia, Al 36319	Repair/Re		2-2062741701 anization P.O. No	., Job No., etc.
3.	Work Pe	erformed by	SNC Mai	ntenance Dept	Type Code Symt		N/	
				lame	Authorization No Expiration Date	),	N/	
		Josep	h M. Farley Addres	Nuclear Plant				
4.	Identific	ation of System		55	AUXILIARY S	TEAM SYSTEM		
5.	(a) Appli	cable Construc	tion Code	SEE NOTE	Edition,	A	ddenda,	Code Case

- 5. (a) Applicable Construction Code <u>SEE NOTE</u> Edition, <u>Addenda</u>, <u>Code Case</u>
   (b) Applicable Edition of Section XI Used for Repair/Replacement Activity <u>2001 EDITION W/ 2003 ADDENDA</u>
   (c) Applicable Section XI Code Case(s) <u>NA</u>
- 6. Identification Of Components

			National			Corrected,	ASME Code
Name of	Name of	Manufacturer	Board	Other	Year	Removed, or	Stamped
Component	Manufacturer	Serial No.	No.	Identification	Built	Installed	(Yes or No)
MECHANICAL SNUBBER	PACIFIC SCIENTIFIC	38337	NA	QP2244	1988	REMOVED	No
HYDRAULIC SNUBBER	LISEGA	30700561/068	NA	QP080176	2007	INSTALLED	No

#### 7. Description of Work <u>REPLACEMENT SNUBBER SS13721B WAS REPLACED DUE TO A SCHEDULED UPGRADE:</u> REFERENCE TRANSACTION # 141141 VT-3 WAS PERFORMED AFTER SNUBBER WAS INSTALLED

8. Test Conducted:

 Hydrostatic
 Pneumatic
 Nominal Operating Pressure

 Other
 X
 Pressure
 psi
 Test Temp.

Exempt

A 1/2/09

# 9. Remarks SUPPORTS DESIGNED TO AISC-1969 AND WELDED TO AWS D1.1-86. Applicable Manufacturer's Data Reports to be attached

#### **REFERENCE EQUIVALENCY DETERMINATION** PDE S 96 0 0225

We conting that the statements	CERTIFICATE OF C		1 ACCMENT conforms to the
We certify that the statements rules of the ASME Code, Section XI.	made in the report are of		r or replacement
rules of the Asive Coue, Section A.		ισμαιε	/ or replacement
Type Code Symbol Stamp		N/A	
Certificate of Authorization No.	N/A	Expiration Date	N/A
Signed 107 Ain 0.	JERKINS TEAM LEADER	Date 12/23/18	
Owner or Owner's Des	signee, Title	- /- /	
	CERTIFICATE OF INSER	VICE INSPECTION	
the undersigned, holding a	valid commission issue	hy the National Boar	d of Boiler and Pressure Vessel
Inspectors and the state or Province of	A MENIAH	and employed by	HCR CY of
			this Owner's Report during the
period 9/30/08	to 1/13/09	and state that tr	o the best of my knowledge and
belief, the Owner has performed exa	aminations and taken co	prrective measures desc	cribed in this Owner's Report in
accordance with the requirements of			
			warranty, expressed or implied,
concerning the examinations and co			
Inspector nor his employer shall be I	-	any personal injury or p	roperty damage or a loss of any
kind arising from or connected with th	his inspection.		
Mali	Commissic	ons GA 827 A	IN
Inspector's Signature		National Board, State, P	Province and Endorsements
Date//3/89			

As Required By The Provisions Of The ASME Code Section XI

1.	Owner	Southern Nuclear Operating Company	Date	Oct	. 23 <sup>rd</sup> 2008	
		Name 40 Inverness Center Parkway Birmingham, AL 35242	Sheet	1	of	2
•	<b>D</b> 1	Address	11.1			
2.	Plant	Farley Nuclear Plant Name	Unit	<del>- ,</del> , , , , , , , , , , , , , , , , ,	FNP 2	
		Highway 95 South Columbia, Al 36319		N12-206	62746401	
		Address	Repair/Replace	ment Organizat	tion P.O. No., Jo	b No., etc.
3.	Work Pe	rformed by SNC Maintenance Dept	Type Code Symbol Sta	mp	N/A	
		Name	Authorization No.		N/A	
			Expiration Date		N/A	
		Joseph M. Farley Nuclear Plant				
		Address				
4.	Identifica	ation of System	AUXILIARY STEAM	SYSTEM		
5.		cable Construction Code <u>SEE NOTE</u>	Edition,	Addenc		Code Case

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 EDITION W/ 2003 ADDENDA (c) Applicable Section XI Code Case(s) NA

Identification Of Components 6.

	•						
Name of 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	2132	NA	QP 0542	1986	REMOVED	No
HYDRAULIC	LISEGA	30800149/020	NA	QP070076	2007	INSTALLED	No
SNUBBER							
				·			
	•						

#### Description of Work REPLACEMENT SNUBBER SS13721A WAS REPLACED DUE TO A SCHEDULED UPGRADE: 7. REFERENCE TRANSACTION # 141 VT-3 WAS PERFORMED AFTER SNUBBER WAS INSTALLED

**Test Conducted:** 8.

Hydrostatic Pneumatic Nominal Operating Pressure Other X Pressure psi Test Temp.

Exempt 1 °F

Ra. 11/04

#### Remarks SUPPORTS DESIGNED TO AISC-1969 AND WELDED TO AWS D1.1-86. Applicable Manufacturer's Data Reports to be attached 9.

### **REFERENCE EQUIVALENCY DETERMINATION (ED) 96-0-0225. REV. 1**

				······
	CERTIFICATE OF C	OMPLIANCE		
We certify that the statements may rules of the ASME Code, Section XI.	de in the report are co	rrect and that		ACEMENT conforms to the r replacement
Type Code Symbol Stamp		N/A		
Certificate of Authorization No.	N/A	Expiration	Date	N/A
Signed <u>Asia O Jerren</u> Owner or Owner's Designed	ee, Title	Date	12/03/08	
	RTIFICATE OF INSERV			·
I, the undersigned, holding a vali Inspectors and the state or Province of	re inspected the com nations and taken cor ASME Code, Section X the Inspector nor his stive measures describ e in any manner for an nspection.	and employ ponents desc , and sta rective measu i. s employer ma bed in this O	ed by <u><u></u> ribed in th ite that to t ures descri akes any w wner's Rep njury or pro</u>	of is Owner's Report during the he best of my knowledge and bed in this Owner's Report in carranty, expressed or implied, port. Furthermore, neither the perty damage or a loss of any
Inspector's Signature		lational Board	I, State, Pro	vince and Endorsements
Date				

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

1.	Owner:	Southern Nuclear	Operating Co.		Date:	Nov	ember 21, 2008	l
	40 Invernes	<i>Name</i> s Center Parkway; Birn	ningham, AL 35242	-	Sheet: 1	of	2	
2.	Plant:	Address Joseph M. Farley Nucle		(	Jnit:		FNP Unit 2	·••
	7388 No	Name rth State Hwy 95; Colu		<u> </u>	Work Order No.:			
З.	Work Performed By		enance Department	- 1	Repair/Replacer	-		, Job No, etc. I/A
	7388 No	Name th State Hwy 95; Colu	mbia, AL 36319	A	Authorization No.:		N/A	
		Address		E	Expiration Date:		N/A	
4.	Identification of Sys	tem:	TPNS: Q2N12H	IV3226 (St	eam to TDAFW P	ump Auto	Valve)	<u></u>
5.	(a) Applicable Cons	truction Code:	Section III , 1986 Year	Edition,	None A	ddenda,	None	_ Code Case
	(b) Applicable Editio	n of Section XI Used fo	or Repair/Replacement A	ctivity: —	2001 A Year	ddenda:	20	03
	(c) Applicable Section	on XI Code Case(s):			N/A			
6.	Identification of Corr	ponents:						
1	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	Valve Plug	Anchor/Darling Valve Co.	15	N/A	PO: QP-2538	1992	Removed	Yes
	Valve Plug	Anderson Greenwood Crosby	N99576-36-0006	N/A	PO: QP060660	2006	Installed	Yes
			······································					
	****		·····					
7.	Description of Work:		Replaced v	alve plug i	n valve Q2N12HV	3226.		
8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal C	perating Pressure	•	Exempt	
		Other	Pressure:	ps	i Test Ten	np.:	°F	

9. Remarks Reference Transaction Number 146487 for issuance of new plug.

	Applicable Manufacturer	's Data Reports to be a	tached	
Enclose				
······	······································			
	***************************************			
	CERTIFICATE C	F COMPLIANCE		
I certify that the statements made in th	e report are correct and t	hat this conforms	to the requirements of the	ASME Code, Section XI
Certificate of Authorization No.:	N/A		Expiration Date:	N/A
Signed:	Asia O. Jerkins, M	Maintenance Tean	n Leader Date: / a	115/08
COwner	or Owner's Designee, Ti	tle		
	CERTIFICATE OF INS	ERVICE INSPEC	TION	
I, the undersigned, holding a valid com	mission issued by the Na	tional Board of Bo	piler and Pressure Vessel I	nspectors and the
State or Province of GOORGIA	and employed by	HSB CT	~	
of HARTTOND, CT			have inspected the comp	onents described in this
Owner's Report during the period	11/15/08	to	1/07/09	, and state that to
the best of my knowledge and belief, the	Owner has performed exa	aminations and ta	ken corrective measures d	escribed in this
Owner's Report in accordance with the re	quirements of the ASME	Code Costion VI		
· ····································		Code, Section Al.		
By signing this certificate neither the In examinations and corrective measures de liable in any manner for any personal inju	spector nor his employer escribed in this Owner's F	makes any warra leport. Furthermo	nty, expressed or implied, re, neither the Inspector ne	or his employer shall be
By signing this certificate neither the In examinations and corrective measures de liable in any manner for any personal inju	spector nor his employer sscribed in this Owner's F ry or property damage or	makes any warra leport. Furthermo a loss of any kind missions: 6//	nty, expressed or implied, re, neither the Inspector ne arising from or connected 827 AW	or his employer shall be with this inspection.
By signing this certificate neither the In examinations and corrective measures de	spector nor his employer sscribed in this Owner's F ry or property damage or	makes any warra leport. Furthermo a loss of any kind missions: 6//	nty, expressed or implied, re, neither the Inspector ne arising from or connected	or his employer shall be with this inspection.
By signing this certificate neither the In examinations and corrective measures de liable in any manner for any personal inju	spector nor his employer sscribed in this Owner's F ry or property damage or	makes any warra leport. Furthermo a loss of any kind missions: 6//	nty, expressed or implied, re, neither the Inspector ne arising from or connected 827 AW	or his employer shall be with this inspection.

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	A.						Q.C392 Sheet 1 of
Å	//=	FORM	N-2 CERTIFICATE H	OLDERS' DATA	REPORT FO	OR IDENTICA	
1.			NUCLEAR PAR	RTS AND APPUI	RTENANCES	5*	
<u> </u>			visions of the ASME Cod				
1.	Manufactu	red and certified b	oy Anderson	Greenwood Cros	by, 43 Kendrid	ck St., Wrenthan	n, MA 02093
			·			ertificate Holder	
2.	Manufactu	red for		ALABAMA P			
			1)	Name and Address	of Purchaser	or Owner)	
3.	Location of	of Installation			NUCLEAR P		
				(Nam	e and Address	;)	
4.	Type V5		ASME SA479 TYPE			**	2006
		(drawing no.)	(mat'l. spec. no.)			(CRN)	(year built)
5.	ASME Co	de, Section III, Di	vision 1: <u>1986</u>		10	33	
			(edition)	•	da date)	(class)	(Code Case N
б.	Fabricated	in accordance wit	h Const. Spec. (Div. 2 or			evision <u> </u>	Date
				(no	<b>)</b>		
7.	Remarks						
		<u></u>					
			Min. design thickness (i				verall (ft & in.)
9.	When appl	icable, Certificate	Holders' data reports are	attached for each	item of this re	eport.	
1	Ŧ	Part or Appurtenan	ce National		Part or Appu	-	Mational
	1	Serial Number	Board No.		Serial Nur		National Board No.
		Serial Inditioer	in Numerical (		Serial Indi		in Numerical Order
	(1) N9957	76-36-0006		(26)			in Hunkenear Order
							·····
	(1)			(19)			
	(3)			(28)			
	(3)			(28) (29) (30)			
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	(3)         (4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)         (19)         (20)         (21)         (22)			(28)         (29)         (30)         (31)         (32)         (33)         (34)         (35)         (36)         (37)         (38)         (39)         (40)         (41)         (42)         (43)         (44)         (45)         (46)         (47)			
	(3)         (4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)         (19)         (20)         (21)         (22)         (23)			(28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (41) (41) (41) (42) (43) (44) (45) (46) (47) (48)			
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	(3)         (4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)         (19)         (20)         (21)         (22)         (23)			(28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (41) (41) (41) (42) (43) (44) (45) (46) (47) (48)			
	(3)			(28)         (29)         (30)         (31)         (32)         (33)         (34)         (35)         (36)         (37)         (38)         (39)         (40)         (41)         (42)         (43)         (44)         (45)         (46)         (47)         (48)         (49)         (50)			

19

сp is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

m	N-2	(Ba	ck)
		<u></u>	,

Certificate Holder's Serial No. <u>N9</u>	9370-30-000
CERTIFICATE OF DE	<u>SIGN</u>
Design specifications certified by <u>AN NGOC NGUYEN</u> (when applicable)	P.E. State <u>AL</u> Reg. no. <u>15301</u>
Design report* certified by <u>CHARLES DOWD</u> (when applicable)	P.E. State <u>MA</u> Reg. no. <u>39103</u>
<u>CERTIFICATE OF COMP</u> . We certify that the statements made in this report are correct and that this conforms to the rules of construction of the ASME Code, Section III, Div	(these) Plug
NPT Certificate of Authorization No. N-1877 Expires Sept. Anderson Greenwood Crosby Date 16-AUL-JC Signed Wrentham, MA (NPT Certificate Holder)	by <u>0.cz. 14</u> (Authorized Representative)
<u>CERTIFICATE OF INSPE</u>	<u>CTION</u>
I, the undersigned, holding a valid commission issued by the National Boa State or Province of MA and employed byH of Hartford-CT have inspected these items desc $g \sim 15^$ , 2006 and state that to the best of my k has fabricated these parts or appurtenances in accordance with the ASME been authorized for stamping on the date shown above. By signing this certificate, neither the Inspector nor his employer makes and the equipment described in this Data Report. Furthermore, neither the Inspector manner for any personal injury or property damage or loss of any kind arise	SB-CT ribed in this Data Report on nowledge and belief, the Certificate Holder Code, Section III, Division 1. Each part listed has hy warranty, expressed or implied, concerning pector nor his employer shall be liable in any
Date <u>Aug 16</u> , 200 <u>6</u> . Signed Muchanission	us MA - 1420 A. N. I.
(Authorized Inspector) (N	lat'l. Bd. (incl. endorsements) and state or prov. and no.)

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

1	. Owner:	Southern Nuclear	Operating Co.		Date:	Nov	ember 14, 2008	
		Name		-				
	40 Inverness	Center Parkway; Birr		- 5	Sheet: 1	_ of	2	
		Address						
2	. Plant:J	oseph M. Farley Nucl	ear Plant (FNP)	- L	Jnit:		FNP Unit 2	
		Name						
	7388 Nor	th State Hwy 95; Colu			Work Order No.:			
		Address			Repair/Replacen	-		
З.	. Work Performed By		enance Department	- '	ype Code Symbol	Stamp:		A
	7000 N	Name	which Al 00010		uthering tige bla		51/6	
	/ 388 NOF	th State Hwy 95; Colu		- 4	uthorization No.:	<u></u>	N/A	
		Address		E	xpiration Date:		N/A	
4.	. Identification of Syst	tem: TPN	S: Q2N12V0006B (2C Ste	am Line to	TDAFWP Isolatic	on Valve)	, ASME Code CI	ass 2
5.	(a) Applicable Const	ruction Code:	Section III , 1968 *	Edition,	None Ad	ddenda,	N/A	Code Case
			Year	••••••			<u> </u>	-
	(b) Applicable Editio	n of Section XI Used f	or Repair/Replacement Ac	ctivity:	2001 Ad	ddenda:	200	03
				_	Year		•••••••••••••••••••••••••••••••••••••••	
	(c) Applicable Section	on XI Code Case(s):			N/A			
6.	Identification of Com	ponents:						
	· · · · · · · · · · · · · · · · · · ·			National			Corrected,	ASME Code
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
		manalaotoror		No.	Identinoation	Cum	Installed	(Yes or No)
	Valve Bonnet	Velan	HT # E-8246 **	N/A	PO: FNP2-21	1973	Removed	No
	Valve Bonnet	Velan	14469	N/A	PO: QP99-1102	2000	Installed	Yes
	<u> </u>							
							: 	
	··· ···							
	······							ļ
		_						<b> </b>
7.	Description of Work:		Replaced	bonnet on	valve Q2N12V000	06B.		
8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal O	perating Pressure		Exempt	
		Other	Pressure:	ps	i Test Terr	ıp.:	•F	

9. Remarks \* The ASME Draft Pump & Valve Code was the construction code used for the original valve.

	Applicable Manufacturer's Data Reports to be attached e assembly is 2157.
Reference Transaction Number 140023 1	
<u></u>	
	CERTIFICATE OF COMPLIANCE
I certify that the statements made in th	e report are correct and that this conforms to the requirements of the ASME Code, Section >
Toenny that the statements made in th	
Type Code Symbol Stamp:	N/A
Certificate of Authorization No.:	N/A Expiration Date: N/A
	Ron Tyler Suft.
Signed: Kon the	Aeia O. Jerkine, Maintenance Ioam Leader Date: 1/28/09
Owner	r or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid com	CERTIFICATE OF INSERVICE INSPECTION mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
I, the undersigned, holding a valid com State or Province of	mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by
State or Province of GEOLEIA of HATATPON C	and employed by <u>HSB</u> T have inspected the components described in this
State or Province of of Owner's Report during the period	and employed by <u>HSB</u> <u>HSB</u> <u>HSB</u> <u>Have inspected the components described in this</u> <u>HIMINS</u> to <u>HSB</u> , and state that to
State or Province of of Owner's Report during the period the best of my knowledge and belief, the	mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by <u>HSB</u> CT have inspected the components described in this <u>have inspected the components described in this</u> of <u>have inspected the components described in this</u>
State or Province of of Owner's Report during the period the best of my knowledge and belief, the	and employed by <u>HSB</u> CT have inspected the components described in this <u>1111/118</u> to <u>1/26/39</u> , and state that to
State or Province of of With TPONO Owner's Report during the period the best of my knowledge and belief, the Owner's Report in accordance with the re-	and employed by <u>HSB</u> CT have inspected the components described in this <u>have inspected the components described in this</u> , and state that to Owner has performed examinations and taken corrective measures described in this quirements of the ASME Code, Section XI.
State or Province of of Owner's Report during the period the best of my knowledge and belief, the Owner's Report in accordance with the re By signing this certificate neither the In examinations and corrective measures de	mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by
State or Province of of Owner's Report during the period the best of my knowledge and belief, the of Owner's Report in accordance with the re- By signing this certificate neither the In examinations and corrective measures de	mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by
State or Province of of Owner's Report during the period the best of my knowledge and belief, the of Owner's Report in accordance with the re- By signing this certificate neither the In examinations and corrective measures de	mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by
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State or Province of of Owner's Report during the period the best of my knowledge and belief, the of Owner's Report in accordance with the re- By signing this certificate neither the In examinations and corrective measures de	mission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by
State or Province of of <u>HIMPPON</u> Owner's Report during the period the best of my knowledge and belief, the Owner's Report in accordance with the re By signing this certificate neither the In examinations and corrective measures de liable in any manner for any personal injur	And employed by <u>HSB</u> CT have inspected the components described in this owner has performed examinations and taken corrective measures described in this equirements of the ASME Code, Section XI. Spector nor his employer makes any warranty, expressed or implied, concerning the escribed in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be ry or property damage or a loss of any kind arising from or connected with this inspection.

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**112/00**1

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2 A. . . . .

AGE	VFI		ed One Day's Production ARTHUR STREET; Mont		Pg. 1 of HAT 118 CANADA
Manufactured a	ind certified by	ALT 110. 330 M	(name and address of NPT Co	ertificate floider)	1141 LAO CARADA
. Manufactured fr	or ALABAMA POL	TER COMPANY	P.O.BOX 1295 BIRMING	HAN, ALABAMA	USA
			(neme and address of Purchase	4}	
Location of inst	allation APCO: F/	RLEY NUCLEAR I	PLANT - HWY 955 COL	UMBIA, AL 303	19 USA
Tube: P2-06	07-N7 / G	SA-105	70,000 PSI (MIN)	N/A	2000
. 1 ¥þuid	frewing no 1	finat'l. epec. no 1	itensile strength)	(CAN)	(yest built)
. ASME Code, So	action III. Division 1	1977	NONE	2	N/A
		fedsion)	(addenda date)	(class)	ICode Case no I
Fabricated in ac	cordance with Const	Snec (Div. 2 only)	N/A Revision	N/A	Date N/A
	NOTE LINE #5:	EXCEPT NATE	ERIAL SPEC. SUPPLIED	IS TO ASHE	SEC.II CODE
Remarks:		EDITION 198	39; ADDENDA: NONE.		
			No. 30403 (HARDFACE	D WITH STELLT	TE#6)
SPARE PAR	T FOR: 3"-60	00# PRESSURE SI	EAL GATE VALVE C/W A	TR OP. (FIGUR	E: B10-25PS-2TS)

Part or Appurtenence Serial Number	National Board No. in Numerical Order	Part or Appurtemence Sorial Number	National Board No. In Numerical Order
(1) BONNET SN: 14469	N/A	(26)	
(2)	•	(27)	
(3)		(28)	
(4)		(29)	
(5)			
(6)	1	(31)	
(7)		(33)	
(9)		(34)	
10)	J	(35)	
11)	1	(36)	
12)		(37)	
13)		(38)	
14)		(39)	
15)		(40)	
16)		(41)	
17)		(42)	
18)		(43)	
19}		(44)	
20)		(45)	
21}		(46)	
22)		(47)	
23)		[48]	
24)		(49)	
25)		(60)	····

\* Supplemental information in the form of tata, sketches, or drawings may be used provided (1) size is 6% × 11, (2) information in learns 2 and 3 on this Data Report to included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

This form (E00040) may be obtained from the Order Dept , ABME, 23 Law Drive, dox 2300, Petrilaid, NJ 07007-2300.

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•	PAGE 4		DRM N-2 (Back - Pg.	2 of <u>2</u> ) B Ider's Serial Nos.	ONNET #14469	
			Conneolo n			
			CERTIFICATION OF D	ESIGN		
Design an	mailiansiana mastriana bi		NOT REQUIRED		P.E. SIATE N/A Ru	N/A
	ecilications certified by .					
Design røj	part * cartilied by	· · · · · · · · · · · · · · · · · · ·	NOT APPLICARL	E	P.E. Stato N/A Re	g. no. N/A
********************	Manaharati Anguni an arawan ana arawan yang arawan ya y		CERTIFICATE OF COM	PLIANCE		
Nø certif	y that the statements ma	ule in this report are	correct and that this (those	3"-600# P/	S GATE VALVE BONI	VET
contorms	to the rules of construct	tion of the ASME Co	de, Section III, Division 1.			
NPT Carti	ificate of Authorization N	N2	:798-2 (NPT)	Expires	MAY 2, 2001	
$\tilde{\mathbf{n}}$				CAPITE CAPITE	m +	
Data U	DUU Name	VF	LAN INC.	Signad TV	Sh and	
<u> </u>		(NP)	Certificate Holder)	$\left\{ \right\}$	(authorized represent)	0137 01
			CERTIFICATE OF INSP	ECTION	•	
	lersigned, holding a valid	- commission issued	by the National Board of Bo	oiler and Pressure	Vessel Inspectors and the	State or Province of
QUEBEC	IEBEC and am	played by REC	IE DU BATIMENT D	J_QUENEC		
A DEAL			tems described in this Data			
		the Contricate Hold	er has inbricated these part		IS IN ACCORDING WITH THE P	iginic Gone, Jechni
	-	been authorized to		VIT BOOVE		
ll. Divisio	on 1. Each part listed has		is employer makes any well		or implied, concerning the e	quipment describer
ill, Divisio By signing	on 1. Each part listod has g this cortificate, nother	the inspector nor h		ranty, expressed (		
ll, Divisio By signing In this Da	on 1. Each part listod has g this cortificate, nother	the inspector nor h neither the inspecto	is employer makes any wer r nor his employer shall be l	ranty, expressed (		property demage o
ll, Divisio By signing n this Da oss of un	on 1. Each part listed has g this cortificate, nother ts Report. Furthermore, i ly kind arlsing from or co	the inspector nor h neither the inspecto innected with this w	is employer makes any war r nor his employer shall be I spection.	runty, expressed ( liable in any manni	ar for any personal injury or <b>R. LAUZON</b>	
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ll, Divisio By signing n this Da oss of un	on 1. Each part listed has g this cortificate, nother ts Report. Furthermore, i ly kind arlsing from or co	the inspector nor h neither the inspecto innected with this w	is employer makes any war r nor his employer shall be I spection.	runty, expressed ( liable in any manni	ar for any personal injury or <b>R. LAUZON</b>	property demage o

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

1.	Owner:		Southern Nuclear (	Operating Co.	_	Date:	Nov	ember 18, 2008	
			Name						
	40	Inverness C	Center Parkway; Birm		-	Sheet: 1	of	2	
			Address						
2.	Plant:	Jos	eph M. Farley Nucle	ar Plant (FNP)	- (	Unit:		FNP Unit 2	
			Name						
		7388 North	State Hwy 95; Colur	mbia, AL 36319		Work Order No			
			Address	_	-			nization PO No,	
З.	Work Perf	ormed By:		nance Department	-	Type Code Sym	bol Stamp:		A
			Name						
	<u>***</u>	7388 North	State Hwy 95; Colur	mbia, AL 36319	- '	Authorization No	).: 	N/A	
			Address		ŧ	Expiration Date:		N/A	
4	Idontificati	on of Syste	m.		23H1/322	8A (TDAFWP to	24 SG Val	 /e)	
4.	uentincati	Un of System		EPING, GEN	20110022				·····
5.	(a) Applica	able Constru	uction Code:		Edition,	Summer 1972	Addenda,	N/A	Code Case
	(h) Appliad	blo Edition	of Contion VI Llood f	Year An Donnis/Donlocomont Ac	-+i	2001	Addenda:	200	20
	(b) Applica		of Section At Used in	or Repair/Replacement Ac		Year	Augenda.	200	
	(c) Applica	ble Section	XI Code Case(s):			N/A			
	(c) Applica					1 1/71			······
6.	Identificati	on of Comp	onents:						
			Τ		Nationa			Corrected,	ASME Code
	Name of Co	mponent	Name of Manufacturer	Manufacturer Serial No.	Board	Other	Year n Built	Removed, or	Stamped
			Manufactures		No.	- Mertimedio	Dunt	Installed	(Yes or No)
	Plu	9	Hammel-Dahl	72-9733-016 *	N/A	PO: FNP2-52	2 * 1976	Removed	Yes *
	Plu	g	Flowserve	4 (HT # A4802)	N/A	PO: QP9903	21 1999	Installed	No
								· · · · · · · · · · · · · · · · · · ·	
						-			
									·····
					<u>.</u>				
7.	Description	n of Work:		Replaced va	alve plug i	in valve Q2N23H	IV3228A.		
8.	Tests Con	ducted:	Hydrostatic	Pneumatic	Nominal	Operating Press	ure	Exempt	
			Other	Pressure.	q	si Test 1	Temp.:	۲F	

9. Remarks \* This serial number is for the entire valve assembly. The PO # and ASME stamping also refers to the valve assembly.

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	or issuance of new plug.		be atlached	
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	CERTIFICATE C	OF COMPLIAN	ĴE	
, ,				
I certify that the statements made in th	e report are correct and t	that this confor	ms to the requirements of	of the ASME Code, Section
-				
Type Code Symbol Stamp:			N/A	
Certificate of Authorization No.:	N/A		Expiration Date:	N/A
Signed:	Asia O. Jerkins, I	Maintenance T	eam Leader Date:	interface
	or Owner's Designee. Th			1415/10
Cinici	or owner o beorgroe, ri	00		
		· · ·		
	CERTIFICATE OF INS	ERVICE INSP	ECTION	
I, the undersigned, holding a valid com				essel Inspectors and the
I, the undersigned, holding a valid com	mission issued by the Na			essel Inspectors and the
State or Province of GOULAIN			Boiler and Pressure Ve	
State or Province of GONLAIK	mission issued by the Na		Boiler and Pressure Ve	components described in t
State or Province of <u>GEOKLAIA</u> of <u>HARTFORD</u> , CT Owner's Report during the period	mission issued by the Na and employed by ////09/09	ational Board o HSB to	Boiler and Pressure Ve	components described in t
State or Province of of <u>HARTFORD</u> , CT Owner's Report during the period the best of my knowledge and belief, the o	mission issued by the Na and employed by 	ational Board o HSB to aminations and	Boiler and Pressure Ve T have inspected the have formed the formed taken corrective measure	components described in t
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State or Province of of <u>HMUTFOID</u> CT Owner's Report during the period the best of my knowledge and belief, the of Owner's Report in accordance with the re-	mission issued by the Na and employed by <u>II/O9/09</u> Owner has performed ex quirements of the ASME	ational Board o <u>HSB</u> to aminations and Code, Section	Boiler and Pressure Ve have inspected the o have corrective measure XI.	components described in t , and state that ares described in this
State or Province of of <u>HHATFOLO</u> , CT Owner's Report during the period the best of my knowledge and belief, the of Owner's Report in accordance with the re- By signing this certificate neither the In-	mission issued by the Na and employed by <u>II/O9/09</u> Owner has performed ex quirements of the ASME spector nor his employer	ational Board o HSB to aminations and Code, Section makes any wa	Boiler and Pressure Ve have inspected the of have corrective measure XI. rranty, expressed or imp	components described in t , and state that ures described in this plied, concerning the
State or Province of of <u>HACTFORD</u> , CT Owner's Report during the period the best of my knowledge and belief, the o Owner's Report in accordance with the re- By signing this certificate neither the In- examinations and corrective measures de	mission issued by the Na and employed by <u>II/O9/09</u> Owner has performed ex quirements of the ASME spector nor his employer escribed in this Owner's F	ational Board o <u>HSB</u> to aminations and Code, Section makes any wa Report. Further	Boiler and Pressure Ve have inspected the o have in	components described in t , and state that ures described in this plied, concerning the ctor nor his employer shall
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State or Province of of <u>HHATFOLO</u> , CT Owner's Report during the period the best of my knowledge and belief, the of Owner's Report in accordance with the re- By signing this certificate neither the Im- examinations and corrective measures de	mission issued by the Na and employed by <u>II/O9/09</u> Owner has performed ex quirements of the ASME spector nor his employer isocribed in this Owner's F ry or property damage or	ational Board o <u>HSB</u> to aminations and Code, Section makes any wa Report. Further a loss of any k	Boiler and Pressure Ve have inspected the of taken corrective measure XI. more, neither the Inspection ind arising from or conn SA-SUT AHA	components described in t , and state that ures described in this plied, concerning the ctor nor his employer shall ected with this inspection.
State or Province of of <u>HHATFOLO</u> , CT Owner's Report during the period the best of my knowledge and belief, the Owner's Report in accordance with the res	mission issued by the Na and employed by <u>II/O9/09</u> Owner has performed ex quirements of the ASME spector nor his employer isocribed in this Owner's F ry or property damage or	ational Board o <u>HSB</u> to aminations and Code, Section makes any wa Report. Further a loss of any k	Boiler and Pressure Ve have inspected the of taken corrective measure XI. more, neither the Inspection ind arising from or conn SA-SUT AHA	components described in t , and state that ures described in this plied, concerning the ctor nor his employer shall
State or Province of of <u>HALTFOLO</u> , CT Owner's Report during the period the best of my knowledge and belief, the o Owner's Report in accordance with the re- By signing this certificate neither the In- examinations and corrective measures de iable in any manner for any personal injur	mission issued by the Na and employed by <u>II/O9/09</u> Owner has performed ex quirements of the ASME spector nor his employer isocribed in this Owner's F ry or property damage or	ational Board o <u>HSB</u> to aminations and Code, Section makes any wa Report. Further a loss of any k	Boiler and Pressure Ve have inspected the of taken corrective measure XI. more, neither the Inspection ind arising from or conn SA-SUT AHA	components described in t , and state that ures described in this plied, concerning the ctor nor his employer shall ected with this inspection.

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

1	I, Owner: Southern Nuclear Operating Co.		Date: November 4, 2008						
	40 1		Name	A1 05040	-	4	_ *	0	
	40 Inve	erness C	enter Parkway; Birn Address	iingnam, AL 35242	. 3	heet: 1	of	2	
2	Plant:	Jos	eph M. Farley Nucle	ar Plant (FNP)	U	nit:		FNP Unit 2	
			Name		•				
	738	88 North	State Hwy 95; Colu	nbia, AL 36319		Work Order No.:	N23 - 2	082093101	
	<u></u>	·	Address			Repair/Replacer	nent Orga	nization PO No,	Job No, etc.
З.	Work Perform	ed By:	FNP Mainte	nance Department	. Т	ype Code Symbo	I Stamp:	N/.	A
			Name						
	738	8 North	State Hwy 95; Colu	nbia, AL 36319	. А	uthorization No.:		N/A	
			Address		E	xpiration Date:		N/A	
4.	Identification o	of Systen	n:	TPNS: 02N23V00	81B (MDA	FW Pump 2B Su	iction Reli	ef Valve)	
5.	(a) Applicable	Constru	ction Code:	Section III , 1971	Edition,	Winter 1971 A	ddenda,	1555	Code Case
	(b) Applicable	Edition of	of Section XI Used f	Year or Repair/Replacement Ac	tivity:		ddenda:	200	3
						Year			
	(c) Applicable	Section	XI Code Case(s):			N/A			
6.	Identification o	of Compo	onents:						
	Name of Compo	onent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	Relief Valve	9	Lonergan	210289-16-3	N/A	PO: FNP2-51	1979	Removed	Yes
	Stud (Qty: 4	4)	Grinnell	Q2E21-HBC-48 *	N/A	N/A	Unk.	Removed	No
	Relief Valve	e	AG Crosby	N99846-00-0003	N/A	QP040739	2005	Installed	Yes
	Stud (Qty: 4	l)	Nova	HT # 77130	N/A	QP010367	2001	Installed	No
-									
			·····						
							1		
7.	Description of	Work:		Replaced relief va	live Q2N23	3V0081B and mo	unting stu	ds.	
8.	Tests Conduct	ed:	Hydrostatic	Pneumatic	Nominal C	perating Pressur	e 🗹	Exempt	
			Other	Pressure:	ps	Test Te	np.:	~12	

9. Remarks FNP Piping Specification SS-1109-02 allows a construction code of ASME Section III, 1971 Edition thru 1983 Ed. with

9.	remarks FMF Fiping Specification 53-1103-02 allows a construction code of ASIME Section III, 1371 Edition and 1365 Ed. with					
	Applicable Manufacturer's Data Reports to be attached 1984 Summer Addenda for bolting on this class line.					
	Reference Transaction Number 144555 for issuance of relief valve and Transaction number 145089 for issuance of studs.					
	* This is the Serial Number of inlet line to the relief valve.					
	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					

Type Code Symbol Stamp:	N/A				
Certificate of Authorization No.:	N/A	Expiration Date:	N/A		
Signed:	Asia O. Jerkins, Maintenance	e Team Leader Date:	12/15/08		
Owi	Owner or Owner's Designee, Title				

	CERTIFICATE OF I	<b>SERVICE IN</b>	SPECT	TION	
I, the undersigned, holding a valid co	mmission issued by the	National Boar	d of Bo	iler and Pressure Vess	el Inspectors and the
State or Province of	and employed by	HSB	CT		
of HARTPORD, CT				have inspected the cor	mponents described in this
Owner's Report during the period	10/28/08		to	1/07/09	, and state that to
the best of my knowledge and belief, th	e Owner has performed	examinations	and tak	en corrective measure	s described in this
Owner's Report in accordance with the	requirements of the ASM	E Code, Sect	ion XI.		
By signing this certificate neither the examinations and corrective measures liable in any manner for any personal in	described in this Owner's	Report. Furt	hermor	re, neither the Inspecto arising from or connect	r nor his employer shall be
Inspector's Signature		ommissions:		onal Board, State, Prov	vince, and Endorsements
Date: 1/01/09					

1

61.1

#### FORM NV-1 FOR SAFETY AND SAFETY RELIEF VALVES As required by the Provisions of the ASME Code Rules

#### DATA REPORT

1. Manufactured By	Anderson Greenwood Crosby	v, 43 Kendrick St.,	Wrentham, MA	02093
		me and Address		
Model No. 9721851E	Order No. U867640000 Contract	t Date 10/12/04	National Board	No
2. Manufactured For	ALABAMA POWER CO	MPANY	Order No	QP040739
	Name and Address			
3. Owner	ALABAMA PO			
A Logation of Plant	FARLEY	Id Address	JT.	-
	FARLET	NUCLEAR FLAT	A 1	
5. Valve Identification	162926 F Serial No. N	99846-00-0003 Dr	rawing No. DS-	C-99846REV. B
	RELIEF Orifice Size		a a a a a a a a a a a a a a a a a a a	
• •	, Pilot, Power Actuated	Inch	Inch	
6. Set Pressure (PSIG)	150		140	° F
			Rated Temperatur	
Stamped Capacity	WATER @ 70 DEG.F @ 10 % O	verpressure Blo	owdown (psig)	20%
Hydrostatic Test (PSIG) Inl	et Compl	ete Valve	100	
			· · · · · · · · · · · · · · · · · · ·	
7. The material, design, consti	ruction and workmanship comply v	with ASME Code, S	Section III.	
Class 3 Edition	n 1974 Addenda D	ate SUMMER 1	975 Case No.	N/A
Pressure Containing or Pres	ssure Retaining Components			
	Serial No.	N	Material Specifical	tion
a. Castings	Identification	ľ	ncluding Type or	Grade
Body				
•				
Bonnet	ب عدينا 			
b Bar Stock and Forgings				
Support Rods			موقد هو المان المان الم	
Nozzie				
Disc Insert	N99915-NGOE	ASME	SA479 TYPE 316	-
	N96444-66-0393			
Spring Washers	N96444-67-0403	ASME	SA193 GR. B6	
Adjusting Bolt	N96388-68-0310	ASME	SA193 GR. B6	· · · · · · · · · · · · · · · · · · ·
Spindle	N96386_65_0205	ASME	SA193 GR B6	

	Serial No.	Material Specification
	Identification	Including Type or Grad
c. Spring	NX5484-0079	ASTM A313 TYPE 316
d. Bolting		
e. Other Parts such as Pilot Components		
Base	N99913-31-0003	ASME SA479 TYPE 316
Lap Joint Stub End	N99865-31-0003	ASME SA182 GR. F316
Lap Joint Flange	N96442-40-0025	ASME SA182 GR. F316
Cylinder	N99914-32-0006	ASME SA351 GR. CF8M
Weld Neck Flange	N99866-31-0003	ASME SA182 GR. F316
Ve certify that the statements made in this	report are correct.	
· · · · · · · · · · · · · · · · · · ·	Anderson Greenwood Crosby gned Wrentham, MA	By DUE TH
	Manufacturer	
ertificate of Authorization No.	N-1878 Expires	30-Sep-07
	······································	Date
I, the undersigned, holding a valid com	ployed by	Boiler and Pressure Vessel Inspectors and the
	HSH - CT	
have inspected the equipment descri		
have inspected the equipment descri- knowledge and belief, the Manufact Subsections of ASME Section III.	bed in this Data Report on $8-4-2005$	and state that to the best of my in accordance with the applicable
knowledge and belief, the Manufact Subsections of ASME Section III. By signing this certificate, neither the concerning the equipment described	bed in this Data Report on $\mathcal{R} - \mathcal{H} - 2005$ urer has constructed this equipment he Inspector nor his employer make in this Data Report. Furthermore,	
knowledge and belief, the Manufact Subsections of ASME Section III. By signing this certificate, neither t concerning the equipment described shall be liable in any manner for an	bed in this Data Report on g - 4 - 2005 urer has constructed this equipment the Inspector nor his employer make in this Data Report. Furthermore, y personal injury or property damage ug 4, 2005 Commissions MA-1420	in accordance with the applicable s any warranty, expressed or implied, neither the Inspector nor his employer
knowledge and belief, the Manufact Subsections of ASME Section III. By signing this certificate, neither the concerning the equipment described shall be liable in any manner for an connected with this inspection.	bed in this Data Report on g - 4 - 2005 urer has constructed this equipment the Inspector nor his employer make in this Data Report. Furthermore, y personal injury or property damage ug 4, 2005 Commissions MA-1420	in accordance with the applicable s any warranty, expressed or implied, neither the Inspector nor his employer se or a loss of any kind arising from or

G1.2

#### 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 C	Operating Co.	_ C	)ate:	Nov	ember 21, 2008	
	40	Universione (	Name Center Parkway; Birm	ingham Al 36942	9	Sheet: 1	of	2	
		inveniess v	Address	ingram, AL OOLAL				<b></b>	
2.	Plant:	Jo	seph M. Farley Nucle	ar Plant (FNP)	U	Init:		FNP Unit 2	
			Name		-			·····	
	7388 North State Hwy 95; Columbia, AL 36319					Work Order No.:	N23 - 2	082197102 *	
			Address				-	nization PO No,	Job No, etc.
3.	Work Per	formed By:		nance Department	. т	ype Code Symbo	I Stamp:	N//	A
		2000 M	Name						
	······	7388 North	State Hwy 95; Colun	ndia, AL 36319	. А	uthorization No.:		N/A	
			Address		F	xpiration Date:		N/A	
						inpriction bator			
4.	Identificat	ion of Syste	m:	TPNS: Q2N23	V0003 (TE	DAFWP Discharg	e Check \	/alve)	
_	( <b>)</b> • •			<b>A</b> 101					
5.	(a) Applic	able Constru	uction Code:	Section III , 1968 Year	Edition,	Winter 1970 A	ddenda,	N/A	Code Case
	(b) Applic	able Edition	of Section XI Used fo	rear or Repair/Replacement Ac	tivity:	2001 A	ddenda:	200	
	(6) / (pp.ic					Year	uuunuu.		
	(c) Applic	able Section	XI Code Case(s):			N/A		· .	
6.	Identificat	ion of Comp	onents:						
	Name of C	omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	Val	ve	Anchor Darling	3N-290	N/A	PO: FNP2-18	1974	Removed	Yes
			<u>_</u>				1		
	Val	ve	Anchor Darling	EB396-18-5	N/A	PO: QP08-1053	1991	Installed	Yes
							4	·	
							+		
							+		
							1		
*****									
7.	Descriptio	n of Work:		Rep	laced valv	e Q2N23V0003.			
8.	Tests Con	ducted:	Hydrostatic	Pneumatic	Nominal C	Operating Pressur	e 🔽	Exempt	
		.:	Other	Pressurc:	ps	si Test Te	mp.:	°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 \* Work was originally begun on WO 2082054901 (the work order number changed when the scope of work changed).

	or issuance of new valve.			
The new valve installation was authorized	under MDC2082197101.			
			·	
			·····	
				• • • • • • • • • • • • • • • • • • •
				······································
	CERTIFICATE OF CON	IPLIANCE	•	
I certify that the statements made in the	e report are correct and that this	conforms	s to the requirements of the a	ASME Code Section
,	e report are correct and that this	COMONNE	s to the requirements of the 7	
Turne Code Symbol Stomp			N/A	
Type Code Symbol Stamp:				
Certificate of Authorization No.:	N/A		Expiration Date:	N/A
				, /
Signed:	Asia O. Jerkins, Mainten	ance Tea	m Leader Date: /:	1/15/08
	or Owner's Designee, Title			
		-		
	CERTIFICATE OF INSERVIC			
I, the undersigned, holding a valid com	· · ·	<u>^</u>	_	ispectors and the
	and employed by	5 C7		
State or Province of			have inspected the compo	nents described in th
HART FORD, CT			1 - 1 -	
of <u>HART POLO</u> CT Dwner's Report during the period	11/14/08	to	1/08/09	
HART FORD, CT	<u>////4/09</u> Owner has performed examinati		1/08/09	
of <u>HART POLO</u> CT Dwner's Report during the period		ons and ta	1/08/09 aken corrective measures de	
Di HART FOLD CT Dwner's Report during the period he best of my knowledge and belief, the o Dwner's Report in accordance with the red	quirements of the ASME Code,	ons and ta Section X	1/08/09 akén corrective measures de I.	escribed in this
bf <u>HART PEAD</u> CT Owner's Report during the period he best of my knowledge and belief, the of Owner's Report in accordance with the red By signing this certificate neither the Ins	quirements of the ASME Code, spector nor his employer makes	ons and ta Section X	<b>1/08/09</b> aken corrective measures de I. anty, expressed or implied, c	escribed in this
bf HART PEAD CT Dwner's Report during the period he best of my knowledge and belief, the of Dwner's Report in accordance with the real By signing this certificate neither the Insection of the section of the sect	quirements of the ASME Code, spector nor his employer makes scribed in this Owner's Report.	ons and ta Section X any warra Furtherm	<b>1/08/09</b> aken corrective measures de I. anty, expressed or implied, core, neither the Inspector no	escribed in this concerning the r his employer shall I
bf <u>HART PEAD</u> CT Owner's Report during the period he best of my knowledge and belief, the of Owner's Report in accordance with the red By signing this certificate neither the Ins	quirements of the ASME Code, spector nor his employer makes scribed in this Owner's Report.	ons and ta Section X any warra Furtherm	<b>1/08/09</b> aken corrective measures de I. anty, expressed or implied, core, neither the Inspector no	escribed in this concerning the r his employer shall I
bf HART PEAD CT Dwner's Report during the period he best of my knowledge and belief, the of Dwner's Report in accordance with the real By signing this certificate neither the Insection of the section of the sect	quirements of the ASME Code, spector nor his employer makes scribed in this Owner's Report.	ons and ta Section X any warra Furtherm	<b>1/08/09</b> aken corrective measures de I. anty, expressed or implied, core, neither the Inspector no	escribed in this concerning the r his employer shall I
bf HART PEAD CT Dwner's Report during the period he best of my knowledge and belief, the of Dwner's Report in accordance with the real By signing this certificate neither the Insection of the section of the sect	quirements of the ASME Code, spector nor his employer makes scribed in this Owner's Report.	ons and ta Section X any warra Furtherm of any kine	<b>1/08/09</b> aken corrective measures de I. anty, expressed or implied, core, neither the Inspector no	escribed in this concerning the r his employer shall I
bf HART PEAD CT Dwner's Report during the period he best of my knowledge and belief, the of Dwner's Report in accordance with the real By signing this certificate neither the Insection of the section of the sect	quirements of the ASME Code, spector nor his employer makes scribed in this Owner's Report. ry or property damage or a loss	ons and ta Section X any warra Furtherm of any kine	<b>1/08/09</b> aken corrective measures de I. anty, expressed or implied, core, neither the Inspector no	oncerning the r his employer shall t with this inspection.

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#### FORM NPV-1 CERTIFICATE HOLDERS DATA REPORT FOR NUCLEAR PUMPS OR VALVES. tion III, Division 1 A

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Pg. \_\_\_\_ of \_\_

· · · · · · · · · · · · · · · · · · ·			_		
1. Manufactured and ca	nified by Anchor/Da	rling Valve Co	., 701 First 5	t., Will	iamsport, PA 17703
		fame and	accrease of N Caroficate	Holder	
2. Manufactured for A	rizona Public S	ervice Co., P.	0. Box 53940,	Phoenix,	AZ 85072-3940
		(name and addres	in of Purchaser of Generi		•
3. Location of installatio	Palo Verde Ni	iclear Generati	ng Station, 4	Miles 5.	of Wintersburg, /
		(A	artie and address)		85072-3940
4. Model No., Series No	TDC	Drawing W90	23213 Rev	<u>A</u>	CRN.
5. ASME Code, Section			<u>er 1975</u>	3	1635-1
			rice date) (c		Code Gase no.1
6. Pump or valve	alve Normir	el intet size6"	Outlet size	<u> </u>	
		(in.		lin.i Cover	Studs-SA193-B7
7. Material: Body SA	216-WCB Bonn	A SA515-70	Diat SA216-WCB	Solting	
				Cover	Nuts-SA194-2H
(a)	(b)	(c)	(d) +		(0)
Cert	Nati	Body	Bonnet		Dişk
Holder's	Board	Serial	Serial		Serial
Seriel No.	No.	No.	No.		No.
E8395-18-5	N/A	1	9		1
an a					
			·		
	والمركاة بينيية الكرينية ويربيه ومروايه				
· · · · · · · · · · · · · · · · · · ·					
۲ <u>۰۰۰ کوچی در ۲۰۰ روی ۲۰۰ میل</u>					
••••••••••••••••••••••••••••••••••••••					
				and the second secon	

\* Succentryme information in form of lists, sketches, or drawings may be used provided (1) size is 814 × 11, (2) information in name 1 through 4 on this Data Assort is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/86)

10/1

This form (E00037) may be optained from the Order Dept., ASME, 22 Law Orive, Box 2300, Fairfield, NJ 07007-2300.

### FORM NPV-1 (back)

A CONTRACTOR OF A CONTRACT OF A CONTRACT

76-79-5

	-900#-TDC Val		Hinge Pin Cove Gasket Retaine 13-PM-2218 Rev.	er, Heat No. (	5031334
9. Design conditions	2160			900	
11. Hydrostatic tart	3250 <sub>P</sub> ei	. Disk differential test pre	2200		psi
	,	CERTIFICATION OF	DESIGN		
Diston Sectification c Design Report carolled	N/A	L. Kinnsch	P.E. Sumo Arizona P.E. Sumo N/A	Reg. no970	
And the second s					

We certify that the statements made in this report are correct and that thi	is pump or valve conforms to the rules for construction
of the ASME Code, Section III, Division 1. N Certificate of Authonization NoN1712	Expires4/15/92
Onte 2-27-91 Name Anchor/Darling Valve Company	ny signed they D. Larcon
(N Corplete Heider)	(authorized representative)

#### CERTIFICATE OF SHOP INSPECTION

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property gamage or a loss of any kind arising from or connected with this inspection.

Data 2.27-Pennsylvania 2392 00 51 in Commissions . Sign 6 (Ner'l, Bil. (incl. endorsemental state or prov. and no.) Chi leel ----

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(1) For manually operated valves only.

### Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

÷**≜**-1 ≥

RType : L1.52

					Job Number				
					N23-DCP-	207155950	01-01	Sheet	1 of 2
40 Inve Birmin	rn Nuclear Operat rness Center Park gham, Alabama 35 nt for Alabama Po	way 5242	Fai Hig	ghway 9	clear Plant 95 South Alabama 363	319		Date	NP 2
3. Work perfe	ormed by				Type Code S	ymbol S	-		1/4/08
Name : <u>S</u>	outhern Nuclear Op	erating Company Plant N	<u>Iodifications</u>		Authorizatio	n Numb	N/A er		
Address :		Farley Nuclear Plant					N/A		
Address .	JUSCIMINI	Pariey Publical Tlant			Expiration D	Jate	N/A		
4. Identification	on of System	Q2N23- AUX I	FEEDWATE	R SYST	ΈM				
	ection XI Utilized For	ASME Section III, Repairs Or Replacements,		Editio	on <u>2003</u>		lenda, lenda,	N/A N/A	Code Case Code Case
6. Identification Name of Component	on of Components Name of Manufacturer	Repaired or Replaced Manufacturer Serial Number	and Replace National Board No.		omponents: Other ntification	Year Built	Repa Replac Replac	ed, or	ASME Code Stamped (Yes / No)
AUX FDWTR PMP (TD) RECIR FLOW ORIFICE	FLOWSERVE CORP	017337	70		N23FO3219 .O. FNP35	1975	REPL	ACED	YES
TDAFW PUMP MINIMUM FLOW CONTROL VALVE	FISHER	18527560	7556	P.O	2E23V082 0. QP071052 CK # 170495	2008	REPLACE	EMENT	YES
			:						
· · · · ·									
7. Description of FLOW ORIFICE N AND DCP 2071559	2N23F03219 WAS I	REPLACED WITH A FIS	HER CONTRO	DL VAL	VE Q2N23V08	2 PER WC	ORKORDI	ER 20715	59502
8. Test Conducte Hydrosta Pressure	ntic 🗌 Pneumati	c 🛛 Normal Operati 'emperature <u>N/A</u> °F	-	<u></u> м	one 🗌 Oth	er			

# Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

ter somet

	Job Number	
	N23-DCP-2071559501-01	Sheet 2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached) MATERIAL TRANSACTION #: 141895		
· · ·		
	· · · · · ·	

Certificate of Compliance									
We certify that the statements made in the report are correct ASME Code, Section XI.	and this	replacement repair or replacement	conforms to the rules of the						
Type Code Symbol Stamp		N/A							
Certificate of Authorization Number	N/A	Expiration Date	N/A						
Signed Ren Glenner's Designed		MODS Supervisor Date	5/08						

	Certificate of Inser	vice Insp	ection	
I, the undersigned, holding a valid commissi or Province of <u>GEORGIA</u> in this Owner's Report during the period to the best of my knowledge and belief, the O Owner's Report in accordance with the requi By signing this certificate neither the Inspect examinations and corrective measures descri be liable in any manner for any personal inju	and employed by <u>5/24/07</u> Dwner has performed ex irements of the ASME C or nor his employer mal- bed in this Owner's Rep	to to aminations a code, Section ces any warr ort. Further	cT have inspected th have inspected th have inspected th have inspected the have inspecte	of he components described , and state that ures described in this d, concerning the or nor his employer shall
Inspection. Inspector's Signature Date <u>11/05/08</u>	Commission		<b>727</b> <u>AIN</u> NB National Board, State, Province	#/2564 ce, and Endorsements

#### FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

1 .

Pg. 1 of \_\_\_\_\_

1.	Manufactured and certified by FISHER CONTROLS INT'L LLC, VALVE DIVISION, 205 S. CENTER STREET, MARSHALLTOWN, IA. 50158 (name and address of N Certificate Holder)									
2.	Manufactured for	Alabama Power Co, PC	) Box 830960, B	inningham, AL 35283	nd address of Purch	acer)				
				(manie a						
3.	Location of installat	ion Farley Nuclear I	Mant, 7388 N. St	ate Highway 95, Colum	bia, AL 36319					
2.					(name and addres	is)				
4.	Model No., Series N	ю., от Туре	HPS	Drawing	GE37562	Rev.	E	CRN	<u>N/A</u>	
				NT- 44		3		N	I/A	
5.	ASME Code, Sectio	n III, Division 1:	1995	No Ad		(class)			Case no.)	
			(edition)	(addent	la dalc)	(0,655)		(CONC )	C430 110.7	
6.	Pump or valve	VALVE No	ominal inlet c	2	Outlet size	2				
	-			(in.)	_	(in.)				
7.	Material: Body ~	SA351 CFBM	Bonnet	SA351 CF8M	Disc	N/A	Bolting -		SA193 B7 SA194 2H	
	(a) Cert. Holder's	(b) Nat'í Board		(c) Body Serial		(d) Bonnet Serial		5	(c) Dísk Serial	
	Serial No.	No.		No.		No.			No.	
	18527560	7556		BG6309-1		BG6310-1			N/A	
		and the second							······	
									· · · · · · · · · · · · · · · · · · ·	
		······		Bonnet Space	z	Ptug			g Block	
				Serial		Serial No.			Serial No.	
				No. BG6301-1		BG6306-1			16307-1	
				800301-1						
				·····			······			
								· · · · · · · · · · · · · · · · · · ·		
				Stud		Nut				
				Serial		Serial				
				No.		No.				
		·····		516200-1 thru	-8	516199-1 thru	-8			
					·····	· · · · · · · · · · · · · · · · · · ·				
								<del>~~~~</del>		

\*Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheet is recorded at the top of this form.

		FORM	I NPV-1 (Ba	ck - Pg. 2 of	)			
					Certificate Holder	's Serial No.	185275	60
8.	Design conditions	(pressure)	psi	150(temperature)	•F or valve pressur	e class	N/A	(1)
<b>9</b> .	Cold working pressure	2	160	psi at 100°F				
10.	Hydrostatic test	3375	psi. Disk di	ifferential test pressure		80	·····	psi
11.	Remarks: Desig Other:			Edition, No Addenda, Cl Edition, No Addenda, C				
					· · ·			
	<u> </u>				•			
			C	ERTIFICATION OF	DESIGN			
	n Specification certified b n Report certified by	· · · · · · · · · · · · · · · · · · ·	oc Nguyen N/A	······································	P.E. State	ALN/A	Reg. no.	15301 N/A
	· · ·	······································						
	rtify that the statements n tificate of Authorization	nade in this report are c	• -	RTIFICATE OF COM		truction of the A	SME code, Section 1 10-27-2010	I, Division 1.
No.			<u></u>		-		1.1	
Date	9/22/08	Name FISHER	CONTROLS IN	IT'L LLC (N Certificate Holder	)	Signed	(authorized re	aco presentative)
						*_ <del></del> ************		
	*****		CE	RTIFICATE OF INSI	ECTION			
l, the i Provin	undersigned, holding a va	lid commission issued	by the National	Board of Boiler ad Pre	ssure Vessel Inspectors a	nd the State or	lowa	
	nployed by	d Steam Boiler of CT	ata Report				ord, CT to the best of my kno	wiedte opd
OÐ	, the Certificate Holder has		-	9-23 cordance with the ASM			an and orac of my kinj	HICHE BH
By sig Furthe with th	ning this certificate, neith more, neither the inspect his inspection.	er the inspector nor his or not his employer sha	employer make all be liable in a	is any warranty, express ny manner for any perso	sed or implied, cocerning onal injury or property de	the component of a loss of	f any kind arising from	m or connected
	9-23-08 Signed	fent C	ocherfy	Commissions	NB 7881	NBA	822 JA.	
		(Authorized	inspectory		(Nat I, BO. (Includ	e. encorsements)	and state of prov. an	ano.)

(1) For manually operated valves only.

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## Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

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no required by a	ie provisions of the r			1					
					Job Number				
					N23-DCP-2	20715595	01-02	Sheet	1 of 2
1. Owner Southe	rn Nuclear Operati	ng Company		rlev Nuc	lear Plant			Unit	
40 Inve	erness Center Parky	way	Hi	ghway 9	5 South				ENP 2
	gham, Alabama 35 nt for Alabama Pov		Co	olumbia,	Alabama 363	19	t	Date	
(as age									1/5/08
3. Work perf	ormed by				Type Code S	ymbol S	Stamp N/A		
Name : <u>S</u>	outhern Nuclear Ope	rating Company Plant I	<u>Modifications</u>	ľ	Authorizatio	n Numb			
A 2 9	Terrub M	Faster Nachter Di		ļ			N/A		
Address :	Joseph Ivi.	<u>Farley Nuclear Plant</u>			Expiration D	ate	N/A		
4. Identificati	on of System	<b>Q2N23- AUX</b>	FEEDWATE	RSYST	EM				
5.									
(a) Applicable C	onstruction Code:	AISC Repairs Or Replacements	$     \begin{array}{c}             19 & 69 \\             20 & 01         \end{array}     $			·····	lenda, lenda,	N/A N/A	Code Case Code Case
6. Identification	on of Components I	Repaired or Replaced	and Replace	ement Co	omponents:				
Name of	Name of	Manufacturer	National	1	Other	Year	Repa		ASME
Component	Manufacturer	Serial Number	Board No.	lder	itification	Built	Replac Replac		Code Stamped
				DECE	1.117.0.16/22		ļ		(Yes / No)
PIPE SUPPORT	DANIEL CONSTRUCTION	SS-14599	N/A	PIECE	# 1 HT #: 15677 # 5 HT # : HT- B35024	1981	REPLA	\CED	No
	SNC		N/A	PIECE #	1 HT #: 15677	2008	REPLACE		
PIPE SUPPORT	SINC	SS-14599	19/5		# 5 HT # : HT- B35024	2000	KEFLACE	INTELN I	NO
				1		<u> </u>	<b></b>		
		. <u></u>							
						·	· · · · · · · · · · · · · · · · · · ·		
7. Description of PIECE # 5 WAS R	Work EMOVED FROM PIF	CE # 1 TO ALLOW RO	OM TO INSTA	ALL A NI	EW VALVE, PI	ECE #1 V	VAS RE-W	/ELDEC	то
	RIGINAL DESIGN.	· · · - · · · · · · · · · · · · · · · ·							
8. Test Conduct	ed								
Hydrosta	,1	Normal Operati	ing Pressure	No No	ne 🛛 Othe	er			
Pressure	<u>N/A</u> PSI Te	emperature <u>N/A</u> °F	7						

## Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

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The required of the providence of the result of the providence of the		
	Job Number	
	N23-DCP-2071559501-01	Sheet 2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
PIECE # 5 WAS REMOVED FROM PIECE # 1 TO ALLOW ROOM TO INSTALL A PIECE # 5, PER ORIGINAL DESIGN. WORK WAS COMPLETED PER WO 2071559 PERFORMED SAT. SEE ATTACHED FOR VT-3 DOCUMENTATION.		

Certificate of Compliance								
We certify that the statements made in the report are correct an ASME Code, Section XI.	nd thisreplacement repair or replacement	conforms to the rules of the						
Type Code Symbol Stamp	N/A							
Certificate of Authorization Number	I/A Expiration Date	N/A						
Signed <u>RM Gleman</u> Owner or Owner's Design	Plant MODS Supervisor Date	11/6/08						

	~			
	Certificate of Inserv	vice Inspe	ection	
I, the undersigned, holding a valid commiss	sion issued by the Nationa	I Board of F	Soiler and Pressure Vesse	Inspectors and the State
or Province of GEORGIA	and employed by	HSB	CT	of
HARFORD, CT	· · ·		have inspected t	he components described
in this Owner's Report during the period	5/2/07	to	11/06/08	, and state that
to the best of my knowledge and belief, the				ures described in this
Owner's Report in accordance with the requ				
By signing this certificate neither the Inspec				
examinations and corrective measures descr				
be liable in any manner for any personal inju	ary or property damage or	loss of any	kind arising from or con	nected with this
inspection.				
(Marilan)	Commissions	GAE	27 AIN	
Inspector's Signature		N	ational Board, State, Provin	ce, and Endorsements
Date 11/06/08				
Dale <u>III VIIIO</u>				1

RType : L1.52

Sou	thern Nuclear Operating Company	
OUTHERN AN Nuclear Management Instruction	Visual Examination (VT-3)	NMP-ES-024-20 Version 2.0 Page 13 of 17
SOUTHERN COMPANYSite/Unit: $FARLEY / TW$ Summary No.: $M/A$ Workscope: $Le I$ -strate SuffCode: $ASME$ Drawing No.: $SS - I4S99$ System ID: $OZMZ3$ Component ID: $SS - I4S99$ Limitations: $NONE$ VT-1orVT-3 $DIRECR$	Procedure Rev.: $2.0$ Re <i>the f</i> Work Order No.: $207/559502$ Cat./Item: $M/A$ Location: $/00'Et$ $2av 2$ Description: $\beta_{J}\beta t$ Anchor $2av 2$ Description: $\gamma d$	ntage No.: <u>N/A</u> eport No.: <u>N/A</u> Page: <u>of /</u> Aux. Busa
Light Meter Mfg.:       N/A         Temp. Tool Mfg.:       N/A         Resolution:	- CALO System Condition: JNOP	ce Temp.: <u>Am.e.</u> °F
Visual Examination:		Comments
<ol> <li>Component Support Identified</li> <li>Integral Attachments</li> <li>Support Structure/Concrete/Embedment</li> <li>Support Items/Attachments/Connections</li> <li>Cracks in Welds</li> <li>Anchors/Fasteners</li> <li>Thread Engagement</li> <li>Loose/Missing/Detached Items</li> <li>Cotter Pins/Locknuts (Broken/Missing/Lot</li> <li>Hanger/Rod/Movement Obstructions</li> <li>Misalignment/Clearances/Binding</li> <li>Loose Position/Load Indicator</li> <li>Pivot Wear/Close Tolerance Surfaces</li> <li>Corrosion/Foreign Material/Coating</li> <li>Travel Stops/Locking Devices</li> <li>Cold Load Setting:</li> <li>Model</li> </ol>		
Results: Sat A Unsat D	NA NA NA Reviewed Previous Data:	N/A
Examiner LevelSignature		ature Date
Now Brenes IL , Von A Examiner Level , Signature N/A	Date Site Review Sign	
Other Level , Signature	Date ANII Review Sign	

 $\mathbf{x}_{i} \in \{1, \dots, n\}$ 

Figure 1 – "Visual Examination of Component Supports"

#### 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 C	perating Co.	D	ate:	Oc	tober 30, 2008	
			Name		-	· · · · · · · · · · · · ·			
	40	nverness C	Center Parkway; Birm	ingham, AL 35242	. s	heet: 1	of	2	
			Address						
2.	Plant:	Jos	eph M. Farley Nuclea	ar Plant (FNP)	. U	nit:		FNP Unit 2	
			Name						
		7388 North	State Hwy 95; Colum	nbia, AL 36319		Work Order No			
			Address				-	nization PO No,	Job No, etc.
З.	Work Perfo	rmed By:	FNP Mainter	nance Department	- T	ype Code Syml	bol Stamp:	N//	A
			Name						
	1	7388 North	State Hwy 95; Colun	nbia, AL 36319	Α	uthorization No	.:	N/A	
			Address						
					E	xpiration Date:		N/A	
4.	Identificatio	n of Syster	n:	TPNS: Q2P11V51	12 (Degass	ification Syster	n Connectio	n Valve)	
5.	(a) Applicat	ole Constru	ction Code:	Section III , 1968	Edition,	March 1970	Addenda,	N/A	Code Case
				Year					
	(b) Applicat	ole Edition	of Section XI Used for	r Repair/Replacement Ac	tivity:	2001	Addenda:	200	3
						Year			
	(c) Applicat	ole Section	XI Code Case(s):			N/A			
6.	Identificatio	n of Comp	onents:						
					National	Other		Corrected,	ASME Code
	Name of Cor	nponent	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year h Built	Removed, or	Stamped
			Mandiduction		No.	lacininoatio	, Duix	Installed	(Yes or No)
S	tud (Bonnet)	(Qty: 12)	Texas Bolt Co.	HT # 40462	N/A	PO: FNP2-1	9 1977	Removed	No
S	Stud (Bonnet)	(Qty:12)	Consolidated Power	HT # 731500	N/A	PO: QP0802	39 2008	Installed	No
								_	
		·							
							· ·		
7.	Description	of Work:		Replaced complete set	of body-to-	-bonnet studs c	n valve Q2F	P11V512.	
8.	Tests Cond	ucted:	Hydrostatic	Pneumatic	Nominal C	Operating Press	ure	Exempt	
			Other -	Pressure:	ps	i fest 1	ſemp.:	۰ <b>۴</b>	

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

### FORM NIS-2 (Back)

9. Remarks Reference Transaction Number 144082 for issuance of new studs.

Applicable Manufacturer's Data Reports to be attached							
·····	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • •					
<del>11.7</del>							
	CERTIFICATE OF COMP	LIANCE	· ·				
I certify that the statements made in th	ne report are correct and that this c	onforms to the requirements of the A	ASME Code, Section XI.				
Type Code Symbol Stamp:		N/A					
Certificate of Authorization No.:	N/A	Expiration Date:	N/A				
Signed:	Asia O. Jerkins, Maintenar	nce Team Leader Date: /1	115/08				
Owne	r or Owner's Designee, Title		/ /				

		CERTIFICATE OF				
I, the undersigned, h State or Province of	iolding a valid con	and employed by the and employed by	e National Board	of Boi	iler and Pressure Vessel	Inspectors and the
of HAT	TPORD .	$\overline{a}$			have inspected the comp	ponents described in this
Owner's Report during	the period	10/20/08	1	to	1/08/09	, and state that to
the best of my knowled	ge and belief, the	Owner has performed	d examinations a	nd tak	en corrective measures	described in this
Owner's Report in acco	ordance with the re	equirements of the AS	ME Code, Section	on XI.	· .	· · ·
					e, neither the Inspector r arising from or connected	or his employer shall be d with this inspection.
			Commissions:	A	- <u>827 AIN</u> onal Board, State, Provin	ce and Endorsements
Date:/08	109	101.11 × 10		walk	Shar Board, Glate, FTOVIII	

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#### 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.	c	Date:	Nov	ember 14, 2008	
••		Name		-				
	40 Inverness	Center Parkway; Birm	ingham, AL 35242	S	Sheet: 1	of	2	
		Address			·····			
2.	Plant: Jo	seph M. Farley Nucle	ar Plant (FNP)	L	Jnit:		FNP Unit 2	
		Name		-				
	- 7388 North	n State Hwy 95; Colur	nbia, AL 36319		Work Order No.:			
		Address			Repair/Replacem	-	nization PO No,	Job No, etc.
З.	Work Performed By:		nance Department	_ т	ype Code Symbol	Stamp:	N	'A
	7000 1	Name						
	/388 North	h State Hwy 95; Colun	ndia, AL 36319	- A	uthorization No.:	<u></u>	N/A	
		Address		E	xpiration Date:		N/A	• ••••••••
4.	Identification of Syste	m: TPNS:	Q2P16V218H (SW Retu	rn from Co	ntainment Cooler	2D Drain	Valve), ASME (	Class 3
5.	(a) Applicable Constru	uction Code:	Section III , 1971	Edition,	Winter 1971 * Ac	idenda,	N/A	Code Case
			Year					
	(b) Applicable Edition	of Section XI Used for	or Repair/Replacement Ac	ctivity:		ldenda:	20	03
					Year			
	(c) Applicable Section	A XI Code Case(s):			N/A			
6.	Identification of Comp	oonents:						
				National	Other	Maria	Corrected,	ASME Code
ſ	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
	*****************		<b>_</b>	No.			Installed	(Yes or No)
	Pipe	Consolidated Pipe	HT # 26963	N/A	PO:7047Q62575	1974	Removed	No
	Valve	Kerotest	DX11-22 -	N/A	PO: FNP2-55	1975	Removed	Yes
	90° Elbow	Ladish	HT # ZF2B	N/A	PO:7047Q62656	1973	Removed	No
	Dia	Sandvik	HT # 512741	AL/A	PO: QP071037	0000	la stalla d	
	Pipe Valve	BNL Industries	A070603-1-5	N/A N/A	PO: QP071037	2008 2007	Installed Installed	No Yes
	90° Elbow	Bonney Forge	HT # 44012 1	N/A	PO: QP080237	2007	Installed	No
	00 0.000				101000007			
							,	
							······································	
7.	Description of Work:		Replaced valve	e Q2P16V2	218H and upstream	n piping.		
8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal O	perating Pressure	Ø	Exempt	
		Other	Pressure:	ps	i Test Tem	p.:	°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)

Applicable Manufacturer's Data Reports to be attached

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Numbers 138164 and 139760 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in the	e report are correct and that this cor	nforms to the requirements of t	he ASME Code, Section XI.
Type Code Symbol Stamp:		N/A	
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Signed: Ray Ifr	Ron Tole Man Asta O. Jerkins, Maintonano	t Supt c Toam Loader Date:	1/20/09
Owner	or Owner's Designee, Title		

	CERTIFICATE OF IN	ISERVICE INSPI	ECTION	
I, the undersigned, holding a v	alid commission issued by the I	National Board of	Boiler and Pressure Vesse	el Inspectors and the
State or Province of	and employed by	HSB	T	
of HARTFORD,	c7		have inspected the com	ponents described in this
Owner's Report during the period	8/25/0	8 to	1/21/09	, and state that to
the best of my knowledge and be	lief, the Owner has performed e	xaminations and	taken corrective measures	described in this
Owner's Report in accordance wi	th the requirements of the ASM	E Code, Section	XI.	
examinations and corrective mea liable in any manner for any perso	onal injury or property damage o	Report. Furthern or a loss of any k mmissions:	more, neither the Inspector ind arising from or connected A 827 AIN	nor his employer shall be ed with this inspection.
Inspector's Sig	nature	r	lational Board, State, Provi	ince, and Endorsements
Date: 1/21/09				

#### ......

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

New value

Pg. 1 of \_2\_\_\_

	BMT Toda	astries, Inc., 30 In	dustrial Park Bd	Vernon, CT. 06066
1. Manufactureo ano ce	STUINED BY BILL FILL	Iname and add	ireas of N Certificate Holder)	<u></u>
2. Manufacturad for S	outhern Nuclear	Operating Co., PO	Box 1295, Birmingha	um, AL 35201
		ineme and addre		
3. Location of Installati	on Farley Nuclea	r Plant, 7388 N Sta	te Highway 95, Colu	<u>mbia, AL 36319</u>
		(name	and address)	
4. Model No., Series No	a., or TypeVALVE	Drawing HBV-A2	-20-002 RevA	CRN
5. ASME Code, Section	HI, Division 1:	1971 W'71, NB611 (addition) (addende	1.1C of W'72 3	(Code Case no.)
6. Pump or valveVA	LVE Nom	inal inlet size 2"	Outlet size 21	, n)
7. Material: Body SA	479 TY 316L BOM		•	ing <u>SA193GrB8/SA1</u> 94Gr8B
<b>(a</b> }	(b)	(c)	- (0)	(e)
Cert.	Nat'l	Body	Bonnet	Disk
Holder's 👳	Board	Serial	Serial	Serial
Serial No.	No.	No.	No.	No
A070603-1-(1 THRU	15)	¥233	¥234	¥232
	*			مىدىدى 100 مىر مى م
- <u></u>				
· · · ·				
			·	
				······
			······	· · · · · · · · · · · · · · · · · · ·

\* Supplemental information in form of lists, skatches, or drawings may be used provided (1) size is 8% × 11, (2) information in items 1 through 4 on this Data Report is included on sech sheet, (5) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (500037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2900, Fairfield, NJ 07007-2300.

FORM NPV-1 (Back - Pg. 2 of \_2\_)

Certificate Holder's Seriel No. A070603-1-(1 THRU 15)

1

8.	Design conditions		pai		ANSI 150#	
		(pressure)	(temperature)			
9.	Cold working pressure	230		-		
10.	Hydrostatic test425		Disk differential test press	320		pal
11.	Remarka:					
	<u> </u>	······································				
ĺ,			CERTIFICATION OF DE	5)GN	+	
0	sign Specification certified	by AN NG	UYEN	P.E. StateAL	_ Reg. no	]
D	algn Report certified by			P.E. State	_ Reg. no	

CERTIFICATE OF COMPLIA	VICE
We cartify that the statements made in this report are correct and that this	pump or valve conforms to the rules for construction
of the ASME Code, Section III, Division 1, N Certificate of Authorization No	Expires
SEP 1 5 ZUU/ Data Name BNL INDUSTRIES, INC.	sim Man
IN Cortificate Holder)	(authorized representative)

CENTIA	ICATE OF INSPECTION
	by the National Board of Boller and Pressure Vessel Inspectors and
	and employed byONEBEACON AMERICA INS
structed this pump, or valve, in accordance with the AS	the best of my knowledge and belief, the Certificate Holder has con- IME Code, Section III. Division 1.
By signing this certificate, neither the inspector nor his	employer makes any warranty, expressed or implied, concerning the
•	neither the inspector nor his employer shall be liable in any menner for
any personal injury or property demage or a loss of any (	kind arising from or connected with this inspection.
Doto 9/19/07 signed Mich. Jam	Commissions NBIDLESSI, 4, N, CTIZLEZ
(Authorities taspector)	[Net'l, Bd, (incl. endorsements) and state or prov. and no.]

(1) For manually operated valves only.

#### 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 C	Operating Co.		Date:	Nov	ember 14, 2008	
	40.1		Name Center Parkway; Birm	ingham AI 35242	c	Sheet: 1	ot	2	
	40 1	Iverness C	Address	ingham, AL 55242	-		- <sup>of</sup>		
2.	Plant:	Jos	seph M. Farley Nucle	ar Plant (FNP)	U	Init:		FNP Unit 2	
			Name		-				<u></u>
	7	7388 North	State Hwy 95; Colum	nbia, AL 36319		Work Order No.:	P16 - 2	050697901	
			Address			Repair/Replacerr	nent Orga	nization PO No,	Job No, etc.
З.	Work Perfo	rmed By:		nance Department	- т	ype Code Symbol	Stamp:	N//	A
			Name						
	7	388 North	State Hwy 95; Colun	nbia, AL 36319	- <sup>A</sup>	uthorization No.:		N/A	
			Address		E	xpiration Date:		N/A	
			75110	/					
4.	Identificatio	n of Syster	m: TPNS:	Q2P16V216X (SW Retu	rn from Co	ntainment Cooler	2C Drain	Valve), ASME C	lass 3
5.	(a) Applicat	ole Constru	iction Code:		Edition,	Winter 1971 * Ad	ddenda,	N/A	Code Case
	(h) Amerika si			Year		0001	- مام مر مام -	000	
	(b) Applicat	Die Edition	of Section XI Used to	or Repair/Replacement Ac		2001 Ac	ddenda:	200	3
	(c) Applicat	le Section	XI Code Case(s):			N/A			
6.	Identificatio	n of Comp	onents:						
			Name of		National	Other	Year	Corrected,	ASME Code
	Name of Con	nponent	Manufacturer	Manufacturer Serial No.	Board	Identification	Built	Removed, or	Stamped
					No.			Installed	(Yes or No)
	Pipe		Consolidated Pipe	HT # 26963 -	N/A	PO:7047Q62575	1974	Removed	No
	Valve		Kerotest	J02-11 /	N/A	PO: FNP2-55	1975	Removed	Yes
	90° Elb	DW	Ladish	HT # ZF2B 🖌	N/A	PO:7047Q62656	1973	Removed	No
	Pipe		Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No
	Valve		BNL Industries	A070603-1-10	N/A	PO: QP070675	2007	Installed	Yes
	90° Elbo		Bonney Forge	HT # 44012	N/A	PO: QP080237	2008	Installed	No
			,					······································	
								-	
7.	Description	of Work:	<b>1</b> 11, 11, 11, 11, 11, 11, 11, 11, 11, 11	Replaced valve	e Q2P16V	216X and upstrear	n piping.		
8.	Tests Condu	ucted:	Hydrostatic	Pneumatic	Nominal C	Operating Pressure		Exempt	
			Other	Pressure:	ps	i Test Ten	np.:	•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.

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#### FORM NIS-2 (Back)

Applicable Manufacturer's Data Reports to be attached

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Numbers 138155 and 139776 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in	the report are correct and that this o	onforms 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: Rom Jela	Ron Tyler, Mainten Asia O. Jorkins, Maintena	ince Supt. Co Team Loader Date:	1/20/09
Own	er or Owner's Designee, Title		1 1

State or Prov	ince of	and employed by	HSB C	7		
of H	ARTFORD, CT				have inspected the com	ponents described in th
wner's Rep	ort during the period	8/21/08		to	1/21/09	, and state that t
ie best of m	y knowledge and belief, the	e Owner has performed	examinations	and ta	ken corrective measures	described in this
wner's Rep	ort in accordance with the	requirements of the AS	ME Code, Sec	tion XI.		
	this certificate neither the	Inenector nor his ample	over makes an	v warra	nty expressed or implier	d concerning the

#### FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of \_2.

New Value

1. Manufactured and cartilled by BNL Industries, Inc., 30 Industrial Park Rd., Vernon, CT, 06066 (name and address of N Cartificate Holder) 2. Menufactured for Southern Nuclear Operating Co., PO Box 1295, Birmingham, AL 35201 (name and address of Purchaser) 3. Location of Installation Farley Nuclear Plant, 7388 N State Highway 95, Columbia, AL 36319 (name and address) HBV-A2-20-0027 Drawing CRN 1971 W'71, NB6111.1C of W'72 5. ASME Code, Section III, Division 1: . (addende data) (Code Case no.) (edition) 2" 2" 6. Pump or valve\_\_\_\_\_VALVE ... Outlet size Bn.) (in.) 7. Material: Body SA479 TY 316L Bonnet SA 479 TY316L Diak SA 479 TY316L Botting SA193GrB8/SA194Gr88 (8) (b) (c) (d) (e) . Cert. Disk Mat'l Body Bonnet Holder's <sup>1</sup> Board Serial Serial Serial Secial No. No Mo. No. No. A070603-1-(1 THRU 15 ¥233 ¥234 ¥232

\*Supplemental information in form of lats, stanches, or drawings may be used provided (1) size is 8% × 11, (2) information in items 1 shrough 4 on this Date Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order DepL, ASME, 22 Law Drive, Box 2300, Pairfield, NJ 07007-2300.

FORM NPV-1 (Back - Pg. 2 of \_2\_)

Certificate Holder's Seriel No. A070603-1-(1\_THRU\_15)

ł

8.	Design conditions				ANS1 150#
	-	(preseure)	(temperature)		
9.	Cold working pressure	230		-	
10.	Hydrostatic test425	pei.	Disk differential test pres	320	pai
13.	Remarks:				
					*
			CERTIFICATION OF D	X:SIGN	
De	sign Specification certified	t by <u>AN NG</u>		P.E. StateAL	Reg. no. 15301

CENTIFIC	CATE OF INSPECTION
	by the National Board of Bollar and Pressure Vessel Inspectors and and employed byONEBEACON AMERICA INS
of	, have inspected the pump, or valve, described in this Data Report on he best of my knowledge and belief, the Certificate Holder has con-
structed this pump, or valve, in accordance with the ASM	AE Code, Section III, Division 1
	either the inspector nor his employer shall be Ruble in any menner for
Dete 9/19/07 Signed Martin Dam	Commissions <u>NBIDLE (A)</u> , <u>4</u> , <u>N</u> , <u>CTZLa</u> [Net'], Bd, Bnol. endoresments) and state or prov. and no.]

(1) For manually operated valves only.

#### 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 C	Operating Co.	. 1	Date:	N	May 27, 2008	
			Name						
	40	Inverness C	enter Parkway; Birm	ingham, AL 35242	. :	Sheet: 1	of	2	
~	Dia at	1.0.0	Address	or Diapt (END)		toit.			
2.	Plant:	J0S	eph M. Farley Nucle	ar Plant (FNP)	. '	Jnit:		FNP Unit 2	
		7299 North	Name State Hwy 95; Colur	nhia 11 36310		Work Order No	• P16 - 2	070001001	
		7300 10010	Address	101a, AL 00013				nization PO No,	Joh No. etc.
3	Work Per	formed By:		nance Department	-	Type Code Symt	-	N//	
0.			Name		-	. , po 0000 0 j			
		7388 North	State Hwy 95; Colur	nbia, AL 36319	,	Authorization No	.:	N/A	
	. <u></u>		Address		•		<u></u>		
			•		E	Expiration Date:		N/A	
4.	Identificat	ion of Syster	n:	TPNS: Q2P16V0603 (Trai	n A Servi	ce Water Heade	r Vac. Breal	ker Check Valve)	
5.	(a) Applic	able Constru	ction Code:	anteigenteininteinen anteiningen anteiningen anteiningen anteiningen anteiningen anteiningen anteiningen antein	Edition,	Winter 1971 *	Addenda,	N/A	Code Case
	(b) Applic	able Edition	of Section XI Used f	<i>Year</i> or Repair/Replacement Ac	tivity:	2001	Addenda:	200	)3
					-	Year			
	(c) Applic	able Section	XI Code Case(s):			N/A			
6.	Identificat	ion of Comp	onents:						
					Nationa	Other	Veer	Corrected,	ASME Code
	Name of C	omponent	Name of Manufacturer	Manufacturer Serial No.	Board	Other	Year Built	Removed, or	Stamped
					No.			Installed	(Yes or No)
	Valve	Disc	Kerotest	CS6-2 **	N/A	PO: FNP2-5	5 1975	Removed	Yes
	Valve	Disc	Flowserve	150717-33	N/A	PO: QP04078	38 2005	Installed	Yes
	<u> </u>								
		, ,					····		
						<b>+</b>			
			1			-			
						+			
						1			
						+			
7.	Descriptio	n of Work:		Replac	ced disc ir	n valve Q2P16V6		•	
8.	Tests Cor	iducted:	Hydrostatic	Pneumatic	Nominal	Operating Press	ure	Exempt	
			Other	Pressure:	p	si Test T	emp.:	۴	

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.

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#### FORM NIS-2 (Back)

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda and Para. NB6111.1(c) of Winter

1972 Addenda.	Applicable Manufacturer's Data Rej	ports to be attached	
** Whole Valve Assembly Number was C	CS6-2, the disc was given materia	code DJ & DZ.	
Reference Transaction Number 134019	for issuance of new disc.		
	<u> </u>		
	CERTIFICATE OF COMP	PLIANCE	
I certify that the statements made in the	he report are correct and that this	conforms to the requirements of the A	
Type Code Symbol Stamp:		N/A	SME Code, Section .
Type Code Symbol Stamp:	N/A		SME Code, Section
Certificate of Authorization No.:		N/A Expiration Date:	

i, the undersigned	,			,								
State or Province of	GEOR	51A-	and employed	by	HSI	8	CT	-				
of HART	ORP.	CT					have ir	spected	the con	nponen	ts describ	ed in this
Owner's Report durin	ng the perio	d	4/03	68		to	1/07	169			, and sta	te that to
the best of my knowl	edge and b	elief, the	Owner has perfo	rmed exam	ninations	and ta	aken cor	rective n	neasures	s descri	bed in thi	5
Owner's Report in ad	voordance v	with the re	a viromonto of th		odo Coo	tinn V						
	CONDENCE V	viur ure re	quirements or the	e ASME CO	008, 380	uon A	-					
By signing this cer examinations and co liable in any manner	tificate neit rrective me	her the In asures de	spector nor his e scribed in this C	mployer m wner's Rep	akes any port. Fur	y warra therm	inty, exp pre, neitl	ner the I	nspector	nor his	s employe	r shall be

2/09

Date:

		NUCLEAR PA uired by the Pro	RTS AN	IS' DATA REPOR ID APPURTENAN 5 of the ASME Co Day's Production	CES* de, Section		Pg. 1 of _2_
1.	Manufactured and certified by			000 S. Saunders St.	Raleigh, NC	27603	
2.	Manufactured for <u>Alabama Power</u>	Company/PO Bo	<u>x 2641 B</u>	of NPT Certificate Holder)	2910000		
3.	Location of Installation <u>Alabama Po</u>	,	rley Nu	tress of Purchaser) <u>clear Plant/7388 No</u> nd Address)	orth State Hw	<u>y. 95, Colu</u>	mbia, AL 36319
4.	Type: AL-D-9911-(1) Rev. F	SA479 T316		N/A	N/A		2005
	(drawing no.)	(mat'i, spec. no.)		(tensile strength)	(CRN)		(year built)
5.	ASME Code, Section III, Division 1:	1971		Winter, 1971	1		N/A
		(edition)		(addenda date)	(class	i)	(Code Case no.)
6.	Fabricated in accordance with Const. Sp	ec. (Div. 2	N/A	Revision	N/A	Date	N/A
	only)		(no.)		······································	-	
7.	Remarks: Disk for 2" 1500 lb Ch	eck Valve					
	······································				SAI	LES ORDE	R: 31910

•

8. Nom. Thickness (in.) N/A Min. design thickness PER#4 Dia. ID (ft & in.) N/A Length overall (ft & N/A

9.	When applicable, Certificate Holde		for each	item of thi			
	Part or Appurtenance	National			Part or Appurtenance		lational
	Serial Number	Board No.			Serial Number		oard No.
		In Numerical Order				in Nun	nerical Order
(1)	150717-32	N/A		(26)			
(2)	150717-33	N/A		(27)			
(3)	150717-34	N/A		(28)			
(4)				(29)			
(5)				1201			
(6)				1945			
(7)				7971			
(8)				(22)			
(9)				1212			
(10)				(25)			
(11)				(36)			
(12)	·			(37)			
(13)				(38)			
(14)				(39) 📃			
(15)				(40)			
(16)				(41)			
(17)				(42)			
(18)				(42)			
(19)		1		(14)			
(20)				(45)			· · ·
(21)				(46)		1	
(22)	····			(47)			
(23)				(48)	·····	1	·····
(24)		<u> </u>		(49)			
(25)				(50)			
	Decision and the second	Toma		°F.	Hudro Test proseuro		At temp. °F
10.	Design pressure 2580	psi. Temp.	650	ד <i>ר</i> -	Hydro. Test pressure	N/A	At temp. 'F

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

FORM N-2 (Back-Pg. 2 of 2)

CERTIFICATION OF DESIGN							
Design specification certified by	P.E. Stat	e Reg. no.					
Design Report * certified by	P.E. Stat	e Reg. no.					
CERTIFICATE OF COMPLIANCE           We certify that the statements made in this report are correct and that this (these)         PARTS           Conforms to the rules of construction of the ASME Code, Section III, Division 1.         PARTS							
NPT Certificate of Authorization No.	N1563	Expires	11/26/2006				
Date 21/51 05 Name Flow	/serve, CorpSigned	(authorized represente	stive)				
	CERTIFICATE OF INSPE	CTION					
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>North Carolina</u> and employed by <u>HSB-CT</u> of <u>Hartford Connecticut</u> have inspected these items described in this Data Report on <u>2115105</u> , and state that, to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this Inspection. Date <u>2115105</u> Signed <u>(Authorized Inspector)</u> (Naft, Bd. (incl. Endorsementa) and state, prov. and no.)							

Certificate Holder's Serial Nos. 150717-33, 33 & 34

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

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

1.	Owner:				_	Date:	No	rember 5, 2008	
			Name			-			
	40	) Inverness (	Center Parkway; Birm	ingham, AL 35242	-	Sheet: 1	of	2	
2	Plant:	lo	Address seph M. Farley Nucle	ar Plant (ENP)		Unit:		FNP Unit 2	
٤.	- Karna		Name		-				
		7388 North	n State Hwy 95; Colur	nbia, AL 36319		Work Order No	o.: P16-2	071923501	
	Address					Repair/Replac	cement Orga	nization PO No,	Job No, etc.
З.	3. Work Performed By: FNP Maintenance Department				Type Code Sym	bol Stamp:	N/	A	
	Name			~				-	
		7388 North	n State Hwy 95; Colur	nbia, AL 36319	-	Authorization No	).: 	N/A	
			Address		_				
						Expiration Date:		N/A	
4.	Identificat	ion of Syste	em: <b>TP</b> I	NS: Q2P16V007C (2C CC	W Heat I	Exchanger Servi	ce Water O	utlet Isolation Va	ve)
5.	(a) Applic	able Constr	uction Code:		Edition,	Winter 1971	Addenda,	N/A	Code Case
	4 X			Year		0004	<b>A 1 1 . . 1 .</b>		
	(b) Applica	able Edition	of Section XI Used to	or Repair/Replacement Ac		2001 Year	Addenda:	200	03
	(c) Applies	able Section	XI Code Case(s):			N/A			
			1 XI COUE Case(s).						······································
6.	Identificati	ion of Comp	onents:						
		·····							
	Name of Co	omponent	Name of Manufacturer	Manufacturer Serial No.	Nationa Board No.	l Other Identificatio	Year n Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
	Valv		Henry Pratt	A000822	N/A	 PO: FNP2-4	3 1974	Removed	Yes
	Var	v¢	neniy Fiau	A000022		10.1112-	.0 1.0/4	Treationed	165
	Val	ve	Henry Pratt	D093607-1-2	N/A	PO: QP4070	1990	Installed	Yes
В	ottom Cove	er Bolts (4)	Henry Pratt	HT # SA10295, Code	N/A	PO: QP0710	83 2008	Installed *	Yes
				LAF					
									(
7.	7. Description of Work: Replaced valve Q2P16V007C.								
8.	Tests Con	ducted:	Hydrostatic	Pneumatic	Nominal	Operating Press	sure 🔽	Exempt	
			Other	Pressure:	p	si Test⊺	ſemp.:	÷E	

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 \* The newly installed valve was refurbished under PO: QP071083. This refurbishment included the cover bolt replacement.

Applicable Manufacturer's Data Reports to be attached

Reference Transaction Number	144744 for issuance of New Val	ve.		
				·
			. <u></u>	·
				·····
、			······································	
	CERTIFICATE	OF COMPLIANCE		
I certify that the statements m	hade in the report are correct and	that this conforms	to the requirements of the	ASME Code, Section
ype Code Symbol Stamp:			N/A	
				······
Certificate of Authorization No.:	N/A		Expiration Date:	N/A
Signed:	Asia O Jerkins	Maintenance Tear	n Leader Date:	interior
	Owner or Owner's Designee,			1415/00
······				
		•		
	CERTIFICATE OF IN	SERVICE INSPEC	TION	
I, the undersigned, holding a	valid commission issued by the N	lational Board of B	oiler and Pressure Vessel	Inspectors and the
State or Province of	and employed by	HSB	CT	
t HAMATANO,	<del>a</del>		have inspected the comp	conents described in th
wner's Report during the perio	d 11/02/08	to	1/08/09	, and state that I
he best of my knowledge and b	elief, the Owner has performed e	xaminations and ta	ken corrective measures	described in this
wner's Report in accordance w	vith the requirements of the ASM	E Code, Section XI.		
		4		
	her the Inspector nor his employe			
	asures described in this Owner's		•	
able in any manner for any pers	sonal injury or property damage o	r a loss of any kind	arising from or connected	a with this inspection.
Ala i				
( TOUR MAR.)	•		1. Ord und	
	Coi	nmissions:	- SULATIV	

Date:

1/25/09

#### FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES\* As Required by the Provisions of the ASME Code, Section III Not to Exceed One Day's Production

Manufactured and certified by:		(name and add	ress of NPT Certificate Holder)	1
Manufactured for: Alabama Pow	er/Sonopco, P.O. Box 1295,	Birmingham, Alabama 3	5201	
		(name a	nd address of purchaser)	
Location of installation Farley Nu	clear Plant, 7388 N. State Hi			
		(n	ame and address)	
TypeB-19938 Rev. 02	SA193 GR. B7	137,000 PSI	N/A	2008
(drawing no.)	(material Spec. no.)	(lensile strength)	(CRN)	(year built)
ASME Code, Section III, Division 1:		Winter 1971	3	<u>N/A</u>
	(edition)	(addenda dale)	(clas	s) (Code Case no.)
Fabricated in accordance with Cons	t, Spec. (Div. 2 only)	(no.)	Revision	Date
Remarks: Replaced 4 bottom co	ver bolts (Heat # SA10295, 0	Coded: LAF). Note: Botton	n cover bolts are too sma	all to NPT stamp.
		<u>,</u>		
			· · ·	
Nom. thickness	Min. design thickness		eter ID	Length overall
Vhen applicable, Certificate Holders		tor each ttem of this repor	L. •	
<u> </u>	National			National
Part or Appurtenance	Board No.		Part or Appurtenance	
Serial Number	in Numerical Orde	r	Serial Number	in Numerical Order
1) 4 pcs P/N 1337672		(2	26)	
Heat #SA10295 coded: LAF			······	
2)			.7)	
3)			8)	
4)			9)	
5)			0)	
<u>6)</u>	······		1) 2)	
7)			<u>2)</u> 2)	· · · · · · · · · · · · · · · · · · ·
3)				
9)	·····		<del>-)</del> 5)	
11)		(3		
2)		(3		
3)		(3		
4)		(3		
5)	,	(4	0)	
16)		(4		
7)		(4	2)	
18)		(4	3)	
9)		(4	4)	
0)		(4	5)	
1)		(4	5)	
2)		(4		
3)		(4)		
4)		(4)		
5)			)	

\*Supplemental information in the form of lists, sketches, or drawings may be used provided: (1) size is 8 ½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet; and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. (09/06)

### FORM N-2 (Back – Pg 2 of 2)

Certificate Holder's Serial Nos.

<u>974955DD-3-1</u> through <u>974955DD-3-1</u>

, <del>, , , , , , , , , , , , , , , , , , </del>	CER	TIFICATION OF DESIGN		
Design Specifications cer by	tified SABIN CROCKER, JR. (when applicable)	P.E. State MA	Reg. No2504	
Design report* certified by	N/A (when applicable)	P.E. State N/A	Reg. No. <u>N/A</u>	

CERTIFICATE OF COMPLIANCE						
We certify that the statements made in this report are correct and that this (these) conforms to the rules of construction of the ASME Code, Section III, Division 1.	Four replacement bottom cover bolts					
NPT Certificate of Authorization No. <u>N-1031</u> Date <u>IOJ39/06</u> Name <u>Henry Pratt Company</u> (NPT Certificate Holder)	Expires December 6, 2009 Signed July Journal J					
CERTIFICATE OF	FINSPECTION					
I, the undersigned, holding a valid commission issued by the National Board of B	oiler and Pressure Vessel Inspectors and the State or Province					
of Illinois and employed by						
of Hartford, CT have inspected these items described in this Data Re	eport on $10-3927$ , and state that to the best of my					
knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1.						
Each part listed has been authorized for stamping on the date shown above.						
By signing this certificate, neither the inspector nor his employer makes any wan	ranty, expressed or implied, concerning the equipment described in this Data					

by signing this beruicate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in th	is Data
Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind	ď
arising	

from or connected with this inspection.

Date	10290 Signed	(Authorized Nuclear Inspector)	Commissions	D-18-3 (Nal'l. Bd. (incl. endorsements) and state or prov. and no.)

FORM NEV-1 CHITTERCALE INCLOSES, BATA REPORT FOR INSCLEME FUNNES ON VALVES" As Reported by the Productions of the Addie Code, Sectors B, Birthen 1 Pa. 1 of

1

1. Menufactured and curolind by	T PRATT CO.	, 900 DEPOT AVE	DIXON, JL.	61021
2. Manufactured for ALABAMA POLICE		insume and address of IV Co		
3. Location of installation PARLEY I	\$1.40 <b>7</b> 4	and address of Purchaser s		
4. Model No., Series No., er TypeIMK1	T Draw	SEE REMARKS		. CNN
5. ASME Code, Section III, Division 1:	1971	VINTER 1971	3	N/A
0. Pump or value VALVE H		20 <sup>14</sup> Out	An size	

7. Mential: Body SASI6 CR. 70 Barret N/A Den SASSI CR. CPAN Barren SAL93 CR. B?

(at	-	lei	<b>M</b>	teil
Cert.	High 1	Desty	Barrinet	Diak
Visides's	Baud	Seciel	Series	Seriel
Sanial No.	<b>Ba</b> .	Nie.	<b>III.</b>	FND.
D-93607-1-2	¥/A	009360701-2	H/A	\$7662-1
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				ي من من من المنافقة المن المن المن المن المن المن المن المن
·····				
ومعادية والمراجع المراجع المراجع المحالية المحاج				
······································		والمادي مراحد والفائد مراجع ويرجع معروب ويست		
·				-
			والمنازلة فاستعصب الاختار والمستعمل	
				مارور المارية ا
				والمتحدين والمحدونين والمحدون والمحدون والمحدون والمحدون
		والمتحادث والمرافقة المتراجع ومساد المحد أعربتهم		
				a an
-	·····			<b></b>
				والمتشف بسيري المتشقف ويتسوار الزراو ويستريكا
	<del>د</del>			
				والمتحد المراجعة المراجعة المتحد والمتحاكة
<b>•••</b> ••••				and the second s

\*Susplanundal information on form of black, glanation, or dependent to used provided 13% size in 6%. > 15, (2) information in home 3 givengit on this Sale Reserve instantial on each steam, (2): each provide a statistic for humber of steams in recorded as the team of this form.

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Manufactures and the second second

a farm (200037) may be strained from the Order Days , ASME, 22 Law Dave, Ban 2300, Fairfuld, NJ 97007-2300

<u>.</u> . .

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2 <b>30</b> 3	1999 - 1999 -	1997 - 1997 1997 - 1997 1997 - 1997 1997 - 1997		n an	997, MIRO 1		
e. 🏊	mata BODI	DRAWING -	C10163 REV. 0	DISC DRAN	18G - 19399 BEV	. 0	
8. De 10. Ce	nsign conditions _	150 260	peri200 		prosector chas	150 (1	

165 425 11. He

CENTRICATION OF BREISH				
Design Specification contract by				

CHINNEAN OF SHOP C	
We certify that the statements made in this report are conact and that is of the ASME Code, Section III, Division 1, In Configure of Antestantian No	this pump or valve continues to the rules to comprocient. S/6/93
Dete 11/7/90 HUNRY PRATT COMPANY	- some Willing C.I.

1, the undersigned, belding a set the Sister or Frankrish of	LE completion based by the National Based of Ballier and Pressure Versal Inspectors on LEMDES and employed by
- BARTPORD, CONNEC	TICHT
constructed this pump, or uplos, i	in assessments with this Addiff Cards. Surgius IV. Division 1.
	r the impactor car bis amployer makes any womenty, andressed or implied, concerning the Report, Parthement, calibler the impactor cer bis employer shall be table in any memory to
any personal injury or proparage of	rings or a loss of any kind while from a connected with this inspection.
	al D. Colm Fr # 1474

Phart H. Bab. Breuf. :

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

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

1.	Owner:		Southern Nuclear Operating Co.			Date:	November 25, 2008			
	40 Inverne	ess C	Name Center Parkway; Birm	ingham AI 35242		Sheet:	1	of	2	
			Address		-			- ''		
2.	Plant:	Jos	eph M. Farley Nucle	ar Plant (FNP)	I	Unit:			FNP Unit 2	
	····		Name	******************	-	<u></u>				
	7388 N	North	State Hwy 95; Colur	nbia, AL 36319					080116801	
			Address			-	•	-	nization PO No,	
З,	Work Performed	By:		nance Department	<u>.</u>	Type Code	Symbol	Stamp:	N/	A
	7388 N	North	Name State Hwy 95; Colum	nbia, AL 36319		Authorizatio	on No.:		N/A	
			Address		•					
					1	Expiration [	Date:		N/A	
4.	Identification of S	Syster	n: TPNS	S: Q2P16V216Q (SW Sup	ply to Co	ntainment	Cooler 2	C Drain	Valve), ASME Cl	ass 3
5.	(a) Applicable Co	onstru	ction Code:	Section III , 1971	Edition,	Winter 197	71 * Ac	idenda,	N/A	Code Case
				Year					······	-
	(b) Applicable Ed	lition	of Section XI Used for	or Repair/Replacement Ac	tivity:	2001	Ac	Idenda:	200	)3
		- 41				Year	N1/A			
	(c) Applicable Se	ction	XI Code Case(s):				N/A			
6.	Identification of C	Comp	onents:							
			Name of		Nationa	l Oth		Vaar	Corrected,	ASME Code
1	Name of Compone	ənt	Manufacturer	Manufacturer Serial No.	Board	Identifi		Year Built	Removed, or	Stamped
					No.				Installed	(Yes or No)
	Pipe		Quanex GST	HT # 285192 -	N/A	PO: QI		1987	Removed	No
	Valve		Kerotest	J02-1 🗸	N/A	PO: FN	IP2-55	1975	Removed	Yes
	Pipe		Sandvik	HT # 512741	N/A	PO: QP	071037	2008	Installed	No
	Valve		BNL Industries	A070809-1-70	N/A	PO: QP		2008	Installed	Yes
						1			· · · · · · · · · · · · · · · · · · ·	
	-									
										L
7.	Description of Wo	ork:		Replaced valve	e Q2P16\	/216Q and	upstrear	n piping.		
8.	Tests Conducted:	:	Hydrostatic	Pneumatic	Nominal	Operating I	Pressure	$\mathbf{\nabla}$	Exempt	
			Other	Pressure:	p	si 1	est Terr	ıр.:	٥٣	

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)

Applicable Manufacturer's Data Reports to be attached

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

#### of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138138 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in the	e report are correct and that this co	onforms 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: Rom Zh	Ron Tyler -Asia O: Jerkins, Maintenan	Supt. ce <del>Team Leade</del> r Date:	1/20/09
Owner	or Owner's Designee, Title		

	CERTIFICATE OF INSER	VICE INSPECT	TION	
I, the undersigned, holding a valid cor	nmission issued by the Natio	hal Board of Bo	iler and Pressure Vessel	Inspectors and the
State or Province of GEOLGIA	and employed by	B J		
of MARTFOLM. CT			have inspected the comp	onents described in this
Owner's Report during the period	8/2008	to	1/22/09	, and state that to
the best of my knowledge and belief, the	Owner has performed exami	inations and tak	en corrective measures of	lescribed in this
Owner's Report in accordance with the r	equirements of the ASME Co	de. Section XI.		
By signing this certificate neither the I examinations and corrective measures o liable in any manner for any personal inju	lescribed in this Owner's Rep	ort. Furthermo	re, neither the Inspector n	or his employer shall be
Allus	Commis		onal Board, State, Provin	and Endorromonto
Inspector's Signature		nau	Unai Dualu, State, FIUVIII	ce, and Endorsements
Date: 1/20/09				

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#### FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of \_2\_\_\_

3

), Manufactured and car	tified by <u>BNL</u> 1			trial Park Ro		rnon, CT, 06066	
2. Manufactured for SO	Manufactured for Southern Nuclear Operating Co., PO Box 1295, Birmingham, AL 35201						
	(name and eddress of Purchaser)						
3. Location of installation	Farley Nuc	lear Plant, 73	88 N State H	lighway 95, C	olumb	ia, AL 36319	
			the bris eman)				
4. Model No., Series No.,	or TypeVAL	VE Drawing	HBV-A2-20-	0027 A		CRN	
5. ASME Code, Section i	III, Division 1:	<u>1971</u> **	71, NB6111.1C	of W172 3			
		(edition)	(addentia dete)	(class)		(Code Case no.)	
6. Pump or valveVAL	VE N	tominal inlat siza	27	Outlet size	2"		
			(in.)		(in.)		
7. Meterial: Body <u>SA4</u>	79 TY 316L	Bonnet SA 479 TY	316L Disk SA	479 TY316L	Bolting	<u>SA193GrB8/SA1</u> 940	r8B
(a)	(b)	íc	3	(d)		ie)	
Cert.	Nat'l	80	dy	Bonnet		Disk	
Holder's	Board	Ser	iai	Serial		Seriel	
Serial No.	No.	No	),	No.		No.	
A070809-1-(21 THRU	30)	126	A-1	93A		126A	
A070809-1-(31 THRU		1264	v-2	93A		126A	
A070809-1-(33 THRU	45)	126	A-2	93A-1		129A	
A070809-1-(46)		126	<u>8-2</u>	93A-1		129A-1	
A070809-1-(47)		126	A-2	93A-1/93A-	-2	129A-1	
A070809-1-(48 THRU	55)	126	<u>A-2</u>	93A-2		129A-1	
A070809-1-(56 THRU	62)	126	<u>A-3</u>	93A-2		129A-1	
A070809-1-(63)			<u>A-3</u>	93A-2		129A-2	
A070809-1-(64 THRU	80)	126	<u>A-3</u>	<u>93A-3</u>		129A-2	
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		,					
					-		

\* Supplemental information in form of lists, ekstches, or drawings may be used provided (1) size is 8½ × 11, (2) information in items 1.through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Feirfield, NJ 07007-2300.

#### FORM NPV-1 (Back - Pg. 2 of \_2\_)

Certificate Holder's Serial No. <u>A070809-1-(21</u> THRU 80)

1

8.	Design conditions		psi	_oF or velve oreasize	class ANST 150#	(1)
		(pressure)	(temperature)			
9.	Cold working pressure	230	p <del>s</del> i at 100°F			
10.	Hydrostatic test 425	psi.	Disk differential test pressur	320		- psi
11.	Remerks:				· · · · ·	
	· .					
			CERTIFICATION OF DESI			
De	sign Specification certified	by AN NG	UYEN P.	E. StataAL	Rag. no	
De	sign Report cartified by	· · · · · · · · · · · · · · · · · · ·		E. State		

CERTIFICATE OF COMPL	LANCE
We certify that the statements made in this report are correct and that th of the ASME Code, Section III, Division 1.	is pump or valve conforms to the rules for construction
N Certificate of Authorization NoN-2882	Expires11/10/10
Date <u>4-16-08 Norma</u> BNL INDUSTRIES, INC. (N Certificate Holder)	Signed QAR

	CERTIFICATE	OF INSPECTION
•	· · · · · · · ·	e National Board of Boller and Pressure Vessel Inspectors and
	NNECTICUT	and employed byONEBEACON AMERICA INS.
ofLYNN, MASS		e inspected the pump, or valve, described in this Data Report on
4/16/58	, and state that to the be	at of my knowledge and belief, the Certificate Holder has con-
structed this pump, or valve, in	accordance with the ASME C	ode, Section III, Division 1.
By signing this certificate, neith	er the inspector nor his empi	over makes any warranty, expressed or implied, concerning the
component described in this Da	ta Report. Furthermore, neithe	r the inspector nor his employer shall be liable in any manner for
any personal injury or property (	tamage or a loss of any kind a	ising from or connected with this inspection.
		-
Date 4/16/07 Signed	N.K.	missions NBIOGHY, A, N. CTILL
	(Authorized Interactor)	[Net']. Bd. (incl. endorsements) and state or prov. and no.]

(1) For manually operated values only.

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

1.	, Owner: Southern Nuclear Operating Co.		Date: November 14, 2008						
		Name						_	
	40 Inverness Center Parkway; Birmingham, AL 35242				- 5	Sheet: 1	_ of	2	
_			Address						
2.	Plant:	Jo	seph M. Farley Nucle	ar Plant (FNP)	- L	Jnit:		FNP Unit 2	
			Name				<b></b>		
		7388 Norti	h State Hwy 95; Colur	nbia, AL 36319		Work Order No.:			
-			Address		-	Repair/Replacem	-		
3.	Work Per	formed By:		nance Department	- 1	ype Code Symbol	Stamp:	N/	A
		7000 Marth	Name	abia 11 20210	٨	uthorization No.		N1/A	
		7388 Nortr	h State Hwy 95; Colur	ndia, AL 36319	- A	uthorization No.:	·····	N/A	<u></u>
			Address		E	xpiration Date:		N/A	
4.	Identificat	ion of Syste	em: TPNS:	Q2P16V216R (SW Retu	rn from Co	ntainment Cooler	2C Drain	Valve), ASME C	lass 3
5.	(a) Applica	able Constr	uction Code:	Section III , 1971	Edition,	Winter 1971 * Ac	idenda,	N/A	Code Case
				Year					-
	(b) Applica	able Edition	of Section XI Used for	or Repair/Replacement Ac	ctivity:	Ac	ldenda:	200	)3
						Year			
	(c) Applica	able Section	n XI Code Case(s):			N/A			
6.	Identificati	on of Comp	ponents:						
			Alama of		National	Other	Vaar	Corrected,	ASME Code
1	Name of Co	omponent	Name of Manufacturer	Manufacturer Serial No.	Board	Identification	Year Built	Removed, or	Stamped
			manaraoraro		No.		Duin	Installed	(Yes or No)
	Pip	e	Consolidated Pipe	HT # 26963 🗂	N/A	PO:7047Q62575	1974	Removed	No
	Valv	/e	Kerotest	J02-2 🦟	N/A	PO: FNP2-55	1975	Removed	Yes
	90° El	bow	Ladish	HT # ZF2B 🖊	N/A	PO:7047Q62656	1973	Removed	No
	Pip		Sandvik	HT # 512741 🖌	N/A	PO: QP071037	2008	Installed	No
	Valv	/e	BNL Industries	A070809-1-35 -	N/A	PO: QP070775	2008	Installed	Yes
	90° EI	bow	Bonney Forge	HT # 44012 -/	N/A	PO: QP070700	2008	Installed	No
							_		
			<u> </u>						
7.	Description	n of Work:		Replaced valve	e Q2P16V	216R and upstream	n piping.		
8.	Tests Con	ducted:	Hydrostatic	Pneumatic	Nominal C	perating Pressure	$\Box$	Exempt	
			Other	Pressure:	ps	i Test Tem	p.:	٩F	

Applicable Manufacturer's Data Reports to be attached

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138144 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in the	e report are correct and that this	s conforms to the requirements of th	ne ASME Code, Section XI.
Type Code Symbol Stamp:		N/A	
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Signed: Ron Jah	Bow Fler - Asia O: Jerkins, Mainter	- Supt. nance Toam Loader Date:	1/20/09
Owner	or Owner's Designee, Title		1 1

			0000000		
	CERTIFICATE OF I	NSERVICE IN	SPECTION		
I, the undersigned, holding a v	alid commission issued by the	National Board	d of Boiler and Pre	essure Vessel Ir	spectors and the
State or Province of Gent	and employed by	H\$	CT -		
of HANTFOLD			have inspe	cted the compo	nents described in this
Owner's Report during the period	8/25/08	/	to 1/23	109	, and state that to
the best of my knowledge and be	lief, the Owner has performed	examinations	and taken correcti	ve measures de	escribed in this
Owner's Report in accordance wi	th the requirements of the ASM	ME Code, Sect	ion XI.		
By signing this certificate neith examinations and corrective mea liable in any manner for any perso	sures described in this Owner	s Report. Furt	hermore, neither t	he Inspector no	r his employer shall be
Attrute	) c	ommissions:	GA 827		· · · · · · · · · · · · · · · · · · ·
/ Inspector's Sig	inature		National Board	, State, Province	e, and Endorsements
, last	00				

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#### FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of \_2\_\_\_

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1, Manufactured and c	ertified by BNL I	ndustries, Inc.,	30 Indust	trial Park Rd	., Vernon, CT, 060	66		
Iname and eddress of N Certificate Holder)								
2 Manufactured for S	2. Manufactured for Southern Nuclear Operating Co., PO Box 1295, Birmingham, AL 35201							
2. //11/0/2010-00 /01 2			nd address of P			-		
2 Longtion of installati	- Farley Nucl	par Plant, 7388	N State F	tichway 95 C	olumbia, AL 36319			
S. LUCSUON OF A MAINED	Un <u>Lakker 140</u> 2		Insme and ad	dreet)	ATTIMATEL HI ANDID	-		
4. Model No., Series No	A THE VALUE	E Drawing	BV-A2-20-	0027 A	CRN			
4. MODEL 140., 36/163 140	J., OF 1900					•		
6. ASME Code, Section	III Division 1-	1971 W'71,	NB6111.1C	of #'72 3				
		(edition) (i	ddenda data)	(cless)	(Code Case no.)	•		
6. Pump or valveVA	LVE	ominal Inlet siza	<b>n</b>	Outlet size	2"			
			(in.)		(in.)			
7. Material: Body SA	479 TY 316L a	0000 SA 479 TY310	L Diek SA	479 TY316L	Solting SA193GrB8/SA1	94Gr8B		
(.)	(b)	(c)		(d)	(a)			
Cert.	Nat'l	Body		Bonnet	Disk			
fioider's?	Boerd	Seriel		Serial	Serial			
Serial No.	No.	No.		No,	No.			
A070809-1-(21 THR	U 30)	126A-1		93A	126A			
A070809-1-(31 THR	U 32)	126A-2		93A	126A			
A070809-1-(33 THR	U 45)	126A-2		93A-1	129A			
A070809-1-(46)	**************************************	1268-2		93A-1	129A-1			
A070809-1-(47)	······································	126A-2		93A-1/93A-	2 129A-1			
A070809-1-(48 THR	0 55)	126A-2		93A-2	1298-1			
A070809-1-(56 THR		126A-3		93A-2	129A-1			
A070809-1-(63)		126A-3		93A-2	129A-2			
A070809-1-(64 THR	U 80)	126A-3		93A-3	129A-2			
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\* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8% × 11, (2) information in items 1.through 4 on this Dets Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

1

				Certificate Holder's Seria	No. A070809-1-	(21 THRU 80)
8.	Design conditions	(pressure)	temperature)		ANST 150#	(1)
9.	Cold working pressure	230	pai at 100°F			
10.	Hydrostatic test425	psi.	Disk differential test proseum	320	·	psi
11.	Remarks:					

 Certification of Derign							
 Design Specification certified by <u>AN NGUYEN</u> P.E. State <u>AL</u> Reg. no. <u>15301</u>							
Design Report certified by P.E. State Reg. no							

CERTIFICATE OF COMPLIANCE						
We certify that the statements made in this report are correct and that this of the ASME Code, Section III, Division 1. N Certificate of Authorization NoN-2882	pump or valve conforms to the rules for construction					
Date <u>4-16-08 Name BNL INDUSTRIES, INC.</u> (N Centificate Holder)	Signed QAR (authorized representative)					

	CERTIFICATE OF INSPECTION
the State or Province of ofYINN_MASS 	a valid commission issued by the National Board of Boller and Prassure Vassel Inspectors and <u>CONNECTICUT</u> and employed by <u>ONEBEACON AMERICA INS</u> have inspected the pump, or valve, described in this Date Report on , and state that to the best of my knowledge and belief, the Certificate Holder has con- a, in accordance with the ASME Code, Section III, Division 1.
component described in this	neither the inspector nor his employer makes any warranty, expressed or implied, concerning the s Data Report. Furthermore, neither the inspector nor his employer shell be liable in any manner for rty damage or a loss of any kind srising from or connected with this inspection.

(1) For manually operated valves only.

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

1.	Owner:		Southern Nuclear Operating Co.			Date:	le: November 14, 2008			
			Name		-					
40 Inverness Center Parkway; Birmingham, AL 35242					- 8	iheet: 1	of	2		
			Address							
2.	Plant:	Jos	seph M. Farley Nucle	ar Plant (FNP)	_ U	Init:		FNP Unit 2		
			Name					/		
	_	7388 North	State Hwy 95; Colun	nbia, AL 36319		Work Order No.:				
			Address			Repair/Replacem	ent Orga	anization PO No,	Job No, etc.	
З.	Work Per	formed By:	FNP Mainte	nance Department	Т	ype Code Symbol	Stamp:	N/	A	
			Name		-					
	_	7388 North	State Hwy 95; Colun	nbia, AL 36319	_ A	uthorization No.:		N/A		
			Address		-					
					E	xpiration Date:		N/A		
4.	Identificat	ion of Syste	m: TPNS	6: Q2P16V216S (SW Sup	oply to Con	tainment Cooler 20	C Drain	valve), ASME Cla	ass 3	
5.	(a) Applica	able Constru	uction Code:			Winter 1971 * Ac	ldenda,	N/A	Code Case	
				Year						
	(b) Applica	able Edition	of Section XI Used for	or Repair/Replacement Ac	ctivity:		idenda:	200	)3	
	<pre>// · · · · · · · · · · · · · · · · · ·</pre>					Year				
	(c) Applica	able Section	XI Code Case(s):	•••••		N/A				
6.	Identificati	ion of Comp	onents:							
			<b></b>		National	0	V	Corrected,	ASME Code	
	Name of Co	omponent	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped	
			Manufacturer		No.	Identification	Dan	Installed	(Yes or No)	
	Pip	e	Quanex GST	HT # 285192	N/A	PO: QP1799	1987	Removed	No	
	Val	ve	Kerotest	J02-3 🖊	N/A	PO: FNP2-55	1975	Removed	Yes	
	90° El	lbow	Capitol	HT # R95R 🗹	N/A	PO: QP2030	1987	Removed	No	
	Pip	e	Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No	
	Val	ve	BNL Industries	A070809-1-14	N/A	PO: QP070775	2007	Installed	Yes	
	90° El	lbow	Bonney Forge	HT # 44012 🖌	N/A	PO: QP080237	2008	Installed	No	
				·····						
7.	Descriptio	n of Work:		Replaced valv	e Q2P16V	216S and upstrear	n piping.			
8.	Tests Con	ducted:	Hydrostatic	Pneumatic	Nominal C	perating Pressure	V	Exempt		
			Other	Pressure:	ps	i Test Tom	ıp.:	°F		

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)
Applicable Manufacturer's Data Reports to be attached

#### of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138152 for issuance of new parts.

This work was completed under MDC 2080137701.

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in th	e report are correct and that this co	nforms 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: Rom Jah	Row Tyler Maintenand	ce Team Leader Date:	1/20/09
Owner	or Owner's Designee, Title	······	

	CERTIFICATE OF INS	SERVICE INS	PECT	ION		
I, the undersigned, holding a valid	commission issued by the N	ational Board	of Boi	ler and Press	sure Vessel I	nspectors and the
State or Province of	and employed by	HBB		CT		
of HARTPORD, OT			1	nave inspect	ed the compo	onents described in this
Owner's Report during the period	8/13/08	te	0	(her	109	, and state that to
the best of my knowledge and belief,	the Owner has performed ex	aminations a	nd tak	en corrective	measures d	escribed in this
Owner's Report in accordance with th	ne requirements of the ASME	Code, Sectio	n XI.			
By signing this certificate neither the examinations and corrective measure liable in any manner for any personal <b>contract of the example of</b>	es described in this Owner's l injury or property damage of	Report. Furth	ermon kind a	e, neither the arising from c	ATN	or his employer shall be
Date: 1/22/09		,				

. . . . .

FORM NPV-1 CERTIFICA	<b>TE HOLDERS'</b>	DATA REPORT	'FOR NUCLEAR I	PUMPS OR VALVES*
As Required by	the Provision	s of the ASME	Code, Section III,	Division 1

New Value

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			•
Pa.	1	of _	2

\$

1. Manufactured and cer	tilied by BNL Indust			Vernon, CT, 06066
,		tname and addr	ses of N Certificate Holder)	
2. Manufactured for Sol	uthern Nuclear C	Derating Co., PO E	Sox 1295, Birmingh	am, AL 35201
		(name and addres	a of Purchaser)	
3. Location of installation	Farley Nuclear	Plant, 7388 N Stat	e Highway 95, Col	umbia, AL 36319
			nd address)	
4. Model No., Series No.	, or Type VALVE	Drawing HBV-A2-	20-0027 A	CRN
5. ASME Code, Section		Contractory and the second sec	L.1C of W'72 3	
	10	dition) (addenda d	•••••	(Code Case no.)
6. Pump or valve VAL	VE Nomina	liniet size 2"		17
		(in.)		(in.)
7. Material: Body SA4	79 TY 316L Bonnet	SA 479 TY316L Diel	SA 479 TY316L Bo	ting <u>SA193GrB8/SA1</u> 94Gr8B
(a)	(b)	(c)	(d)	(e)
Cert.	Nat'l	Body	Bonnet 🛩	Disk
Holder's	Board	Seriet	Sorial	Seriel
Serial No.	No.	No.	No.	No.
A070809-1- (1 THRU	1 9)	¥337	Y313	¥273
A070809-1-(10)		¥337	¥313/¥313-1	¥273
A070809-1-(11 TH	RU 20	¥337	<u>Y313-1</u>	¥273
		-		
		مهيا كالمسجوب المستعمينا كالمستحد ويستع		
			**	
				······································
				Name of Cash o
	د د د نامه است در چین کار است بر برد. در سال با			
	······			

\* Supplemental information in form of Bats, sketchas, or drawings may be used provided (1) size is 8½ × 11, (2) information in jams 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

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This form (E00037) may be obtained from the Order Dept., ASME, 22 Lew Drive, Box 2300, Fairfield, NJ 07007-2300.

£

Certificate Holder's Serial No. A070809-1-(1 THRU 20)

8.	Design conditions	(pressure)	psi(temperature)	°F or valve pressure class	ANSI 150# (1)
9.	Cold working pressure	230			
10.	Hydrostatic test <u>425</u>		Disk differential test press	320	psi
11.	Romarks:	1			
			CERTIFICATION OF D	esign	
De	sign Specification cartified	by AN NG	UYEN	P.E. State Reg	no. <u>15301</u>

P.E. State .

Reg. no. ..

Certificate of comple	ANCE
We certify that the statements made in this report are correct and that this of the ASME Code, Section III, Division 1.	pump or valve conforms to the rules for construction
N Certificate of Authorization No. N-2882	Expires 11/10/10
Data 12-13-07 Name BNL INDUSTRIES, INC. (N Certificate Molder)	Signed

CERTIFICATE OF INSPI	CTION				
ofBOSTON_MASS have inspect	d employed by <u>ONEBEACON AMERICA INS</u> ed the pump, or valve, described in this Data Report on knowledge and belief, the Certificate Holder has con-				
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Date $(\frac{1}{2})(0)$ , Signed $\frac{1}{2}$ , $\frac{1}{$					
Uste Signed /// Uncompared Inspector) Commissione	[Net'l. Bd. (Incl. endorsements) and state or prov. and no.]				

(1) For manually operated valves only.

Design Report certified by ...

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

1.	. Owner:		Southern Nuclear C	Operating Co.	C	Date:	Nov	ember 20, 2008	
			Name		-	<u> </u>			
	40 Inv	erness (	Center Parkway; Birm	ingham, AL 35242	_ S	iheet: 1	of	2	
	······		Address		-				
2.	Plant:	Jo	seph M. Farley Nucle	ar Plant (FNP)	L	Init:		FNP Unit 2	
			Name		-				
	738	88 North	State Hwy 95; Colun	nbia, AL 36319		Work Order No.:	P16 - 2	080117101	
			Address	· · · · · · · · · · · · · · · · · · ·		Repair/Replacem	ent Orga	nization PO No,	Job No, etc.
З.	Work Perform	ied By:	FNP Mainter	nance Department	т	ype Code Symbol	Stamp:	N/	A
	Name				-				
	738	88 North	State Hwy 95; Colun	nbia, AL 36319	A	uthorization No.:		N/A	
			Address		-		<u></u>		<u>-</u>
					E	xpiration Date:		N/A	
				1					
4.	Identification of	of Syste	m: TPNS:	Q2P16V216T (SW Retui	rn from Co	ntainment Cooler 2	2C Drain	Valve), ASME C	lass 3
5.	(a) Applicable	Constru	uction Code:	Section III , 1971	Edition,	Winter 1971 * Ad	ldenda,	N/A	Code Case
				Year					
	(b) Applicable	Edition	of Section XI Used for	or Repair/Replacement Ac	ctivity:	2001 Ad	denda:	200	)3
						Year			
	(c) Applicable	Section	XI Code Case(s):			N/A			
6.	Identification of	of Comp	onents:						
					National			Corrected,	ASME Code
	Name of Comp	onent	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
			Manufacturer		No.	identification	Duin	Installed	(Yes or No)
	Pipe		Consolidated Pipe	HT # 26963 1	N/A	PO:7047Q62575	1974	Removed	No
	Valve		Kerotest	J02-4 +	N/A	PO: FNP2-55	1975	Removed	Yes
	90° Elbow	1	Ladish	HT # ZF2B 🖌	N/A	PO:7047Q62656	1973	Removed	No
	Pipe		Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No
	Valve		BNL Industries	A070809-1-27	N/A	PO: QP070775	2008	Installed	Yes
	90° Elbow	1	Bonney Forge	HT # 44012	N/A	PO: QP070700	2007	Installed	No
				······					
·····									
7.	Description of	Work:	······································	Replaced valve	e Q2P16V	216T and upstrean	n piping.	· · · · · · · · · · · · · · · · · · ·	
8.	Tests Conduct	ted:	Hydrostatic	Pneumatic	Nominal C	perating Pressure	V	Exempt	
			Other	· Pressure:	ps	i Test Tem	p.:	°F	

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Numbers 139770 and 139758 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in the	e report are correct and that this co	nforms to the requirements of t	he ASME Code, Section XI.
Type Code Symbol Stamp:	11 M ( 11 11 11 11 11 11 11 11 11 11 11 11 1	N/A	
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Signed: La Jah	Row Tyler, Mainte Asia O: Jerkins, Maintenanc	nance Suft <del>e Team Leade</del> r Date:	1/20/09
/ Owner of	or Owner's Designee, Title		1 1

I, the undersigned, holding a valid cor	nmission issued by the N	ational Board o	of Boiler and Press	sure Vessel Inspectors and the
State or Province of GeolalA	and employed by	HSB.	CT	
of that PORD, CT			have inspect	ed the components described in this
Owner's Report during the period	8/21/08	- to	1/22/67	, and state that to
the best of my knowledge and belief, the	Owner has performed ex	kaminations an	daken corrective	measures described in this
		- Onder One-Ken	YI	
Owner's Report in accordance with the re By signing this certificate neither the lu	nspector nor his employe	r makes any w	arranty, expressed	
By signing this certificate neither the li examinations and corrective measures d	nspector nor his employe lescribed in this Owner's l	r makes any wa Report. Furthe	arranty, expressed rmore, neither the	Inspector nor his employer shall be
By signing this certificate neither the li examinations and corrective measures d liable in any manner for any personal inju	nspector nor his employe lescribed in this Owner's l ury or property damage of	r makes any wa Report. Furthe r a loss of any l nmissions:	arranty, expressed rmore, neither the kind arising from c	Inspector nor his employer shall be or connected with this inspection.
By signing this certificate neither the li examinations and corrective measures d	nspector nor his employe lescribed in this Owner's l ury or property damage of	r makes any wa Report. Furthe r a loss of any l nmissions:	arranty, expressed rmore, neither the kind arising from c	Inspector nor his employer shall be or connected with this inspection.

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

New Valve

Pg. 1 of \_2\_\_\_

£

1. Manufactured and cer	Manufactured and certified by BNL Industries, Inc., 30 Industrial Park Rd., Vernon, CT, 06066 (name and address of N Certificate Holder)							
2. Manufactured for <u>SO</u>	wthern Nucle		O Box 1295, Birmingh Idress of Purchased	am, AL 35201				
3. Location of installatio	- Farley Nucl		State Highway 95, Col	umbia AI. 36319				
a. Location of mataliago	n <u>rarrey nucr</u>		me and address)	(dill/14, AD 30312				
4. Model No., Series No.	, or TypeVALV	E Drawing HBV-	A2-20-0027 A. A	CRN				
5. ASME Code, Section	III. Division 1:	1971 W'71, NB	6111.1C of #'72 3					
		(adder	de deze) (ciese)	(Code Case no.)				
6. Pump or valve VAI	VE N	ominal inist size 2"	Outlet size	2 17				
		(in.)		(in.)				
7. Material: Body <u>SA4</u>	<u>79 TY 316L</u> B	onnet SA 479 TY316L	Disk SA 479 TY316L Bo	hting <u>SA193GrB8/SA1</u> 94Gr8B				
(.)	(b)	(c)	(d)	(e)				
Cert.	Net'l	Body	Bonnet	Disk				
Holder's a	Soard	Seriel	Serial	Serial				
Serial No.	No.	No.	No.	No.				
A070809-1-(21 THR	U 30)	126A-1	93A	126A				
A070809-1-(31 THRU	32)	126A-2	93A	126A				
A070809-1-(33 THR	J 45)	126A-2	93A-1	129A				
A070809-1-(46)		126A-2	93A-1	129A-1				
A070809-1-(47)		126A-2	93A-1/93A-2	129A-1				
A070809-1-(48 THRU	55)	126A-2	93A-2	129A-1				
A070809-1-156 THRU	J 62)	126A-3	93A-2	129A-1				
A070809-1-(63)		126A-3	93A-2	129A-2				
A070809-1-(64 THR	J 80)	<u>126A-3</u>	<u>93A-3</u>	<u>129A-2</u>				
	······································							
			·					
				·····				
			·					
				and the second secon				

\* Supplemental information in form of lists, akstches, or drawings may be used provided (1) size is 81% × 11, (2) information in items 1.through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

of or valve pressure class ANST 150# (1) 8. Design conditions \_ (preseure) (temperature) 230 9. Cold working pressure \_\_\_\_ pei at 100°F 10. Hydroststic test <u>425</u> psi. Disk differential test pressure. <u>320</u> psi 11. Remarks: \_ CERTIFICATION OF DESIGN Design Specification certified by \_\_\_\_\_AN\_NGUYEN - Reg. no. \_\_\_\_\_\_\_\_ \_\_\_ P.E. State \_\_\_ AL Design Report cartified by \_ P.E. State Reg. no. ..

CERTIFICATE OF COMPLIANCE					
We certify that the statements made in this report are correct and that this of the ASME Code, Section III, Division 1. N Certificate of Authorization No	s pump or valve conforms to the rules for construction				
Dete <u>4-16-08</u> Name BNL INDUSTRIES, INC. (N Certificate Holder)	Signed QAR				

CERTIFICATE	OF INSPECTION
the State or Province of <u>CONNECTICUT</u> of <u>LYNN_MASS</u> have	a National Board of Boller and Pressure Vessel Inspectors and and employed by <u>ONEBEACON AMERICA INS</u> a inspected the pump, or valve, described in this Data Report on at of my knowledge and belief, the Certificate Holder has con- de, Section III, Division 1.
component described in this Data Report. Furthermore, neither any personal injury or property damage or a loss of any kind ar	over makes any warranty, expressed or implied, concerning the the inspector nor his employer shall be liable in any mariner for lising from or connected with this inspection. Implied to the implication of the implicatio

(1) For manually operated valves only.

\*

Certificate Holder's Seriel No. A070809-1-(21 THRU 80)

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

1.	. Owner:	Southern Nuclear	Operating Co.	D	ate:	Nov	ember 14, 2008	
		Name		-		-		
	40 Inverness	Center Parkway; Birn		- 5	heet: 1	- of	2	
2	. Plant: Jo	Address oseph M. Farley Nucle		u	nit:		FNP Unit 2	
<b>~</b> ~·	. Thank	Name						······
	7388 Nort	h State Hwy 95; Colu	mbia, AL 36319	Work Order No.: P16 - 2080117201				
	۹	Address			Repair/Replacem	ent Orga	anization PO No,	Job No, etc.
3.	Work Performed By:		nance Department	- <sup>т</sup>	ype Code Symbol	Stamp:	N/	A
	7000 No+	Name	mbin Al 26210	^	uthorization No.		N/A	
	7388 NOR	h State Hwy 95; Colur Address	IDIA, AL 30319	- 7	uthorization No.:			
		7001033		E	xpiration Date:		N/A	
4.	Identification of System	em: TPN	S: Q2P16V216U (SW Sup	ply to Con	tainment Cooler 20	C Drain V	Valve), ASME Cla	ass 3
								<u> </u>
5.	(a) Applicable Const	ruction Code:		Edition, V	Winter 1971 * Ac	idenda,	N/A	Code Case
	(b) Applicable Edition	of Costion VI Used t	<i>Year</i> or Repair/Replacement Ac	stivity	2001 Ad	Idenda:	200	2
	(D) Applicable Edition	TO Section A Osed in	or nepainneplacement Ac		Year AC	iuchua.		····
	(c) Applicable Sectio	n XI Code Case(s):		N/A				
	.,							
6.	Identification of Com	ponents:						
				National	<b>A</b> 11		Corrected,	ASME Code
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
				No.			Installed	(Yes or No)
	Pipe	Quanex GST	HT # 285192	N/A	PO: QP1799	1987	Removed	No
	Valve	Kerotest	J02-5 🖌	N/A	PO: FNP2-55	1975	Removed	Yes
	Pipe	Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No
	Valve	BNL Industries	A070809-1-57 -	N/A	PO: QP070775	2008	Installed	Yes
	·····							
			-			· · · ·		
								J
7.	Description of Work:	<u></u>	Replaced valve	e Q2P16V	216U and upstrear	n piping.		
<b>8</b> . <sub>/</sub>	Tests Conducted:	Hydrostatic	Pneumatic	Nominal C	perating Pressure		Exempt	
		Other	Pressure:	ps	i Test Terr	ıp.:	្រ	

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138153 for issuance of new parts.

This work was completed under MDC 2080137701.

#### 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: Ron John	Ron Tyler, Mainten Asia O. Jerkins, Maintena	nce Team Loader Date:	1/20/09
Owne	er or Owner's Designee, Title		1 1

		CERTIFICATE OF IN	SERVICE IN	ISPEC	CTION	
I, the undersigned,	holding a valid com	mission issued by the N	ational Boa	rd of B	oiler and Pressure Vess	el Inspectors and the
State or Province of	GEDREIA	and employed by	ASB		CT	
of HART	cono, ct	-			have inspected the cor	nponents described in this
Owner's Report during	the period	8/12/08		to	1/22/09	, and state that to
the best of my knowle	dge and belief, the	Owner has performed e	kaminations	and ta	akerr corrective measures	s described in this
Owner's Report in acc	ordance with the re	quirements of the ASME	E Code, Sec	tion X	Ι.	
examinations and corr liable in any manner fo	rective measures de	escribed in this Owner's ry or property damage o	Report. Fui r a loss of a	therm ny kin <u>G</u>	anty, expressed or implie ore, neither the Inspector d arising from or connect <u>4 827</u> A-W ational Board, State, Prov	nor his employer shall be ed with this inspection.

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

New Value

Pg. 1 of \_2\_\_\_

<ol> <li>Manutactured and ce</li> </ol>	Ruffied by BNL 1.		no and address of N Cert		Vernon, CT, 06066		
2 Manufantured for St	outhern Nucle				AT 25201		
2. Markingerunde für <u>Se</u>	2. Menufactured for <u>Southern Nuclear Operating Co., PO Box 1295, Birmingham, AL 35201</u> [name and address of Purchaper]						
2 Location of Installer	B. Location of Installation Farley Nuclear Plant, 7388 N State Highway 95, Columbia, AL 36319						
	I CALLOY DUC.	ear rianc, /Joc	(name and address)	1y 35, COLUE	DIA, AL 30319		
4. Model No., Series No	A TURA VALV	TE Drawing	HBV-A2-20-0027	n	CRN		
		Utewig -	PI	V			
5. ASME Code, Section	III Olvision 1-	1971 <b>#'7</b> 1	, NB6111.1C of W	72 3			
		(edition)	(addenda date)	(ciesa)	(Code Case no.)		
6. Pump or valve VA	LVE	ominal iniat siza	2" Outer	aina 2"			
			(in.)	(in.)	)		
7. Material: Body SA4	79 TY 316L	Annes SA 479 TY3	6L Diate SA 479	TY316L Bottin	SA193GrB8/SA194Gr8		
·····							
(a)	(b)	(c)		(d)	(0)		
Cert.	Nat'l	Body		innet <sup>#</sup>	Disk		
Holder's	Board	Seriel	S	orial	Serial		
Serial No.	No.	No.		No.	No.		
A070809-1-(21 THR	U 30)	126A-	-1 9:	ЗА —	126A		
A070809-1- (31 THR	0 32)	126A-	2 93A		126A		
A070809-1-(33 THR	U 45)	126A-		A-1	129A		
A070809-1-(46)		126A-	2 93	A-1	129A-1		
A070809-1-(47)		126A-	2 93	A-1/93A-2	129A-1		
A070809-1-(48 THR	U 55)	126A-	2 93	3A-2	129A-1		
A070809-1-(56 THR	U 62)	126A-	3 93	BA-2	129A-1		
A070809-1-(63)		126A-	-3 93	BA-2	129A-2		
A070809-1-(64 THR	U 80)	126A-	-3 93	BA-3	129A-2		
·····							
			·				
	·						
	······						

\* Supplemental information in form of lists, eletches, or drawings may be used provided (1) size is 8 % × 11, (2) information in items 1.through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

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Certificate Holder's Seriel No. A070809-1-(21 THRU 80)

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8.	Design conditions		psi		(1)				
		(pressure)	(temperature)						
9.	Cold working pressure	230	pai at 100°F						
10.	Hydrostetic test <u>425</u>		Disk differential test press.	Jra	psi				
11.	Remarks:								
			······						
	CERTIFICATION OF DESIGN								

Design Report certified by Reg. no P.E. State Reg. no	01

CERTIFICATE OF COMPL	ANCE
We certify that the statements made in this report are correct and that this of the ASME Code, Section II), Division 1.	s pump or valve conforms to the rules for construction
N Certificate of Authorization NoN-2882	Expires11/10/10
Date <u>4-16-08 Name BNL INDUSTRIES, INC.</u> (N Certificate Holder)	Signed QAR

	CERTIFICATE OF INSPECTION
the State or Province of ofLYNN_MASS 	g a valid commission issued by the National Board of Bolier and Pressure Vessel Inspectors and <u>CONNECTICUT</u> and employed by <u></u>
component described in thi	neither the inspector nor his employer makes any warranty, expressed or implied, concerning the is Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for arty damage or a loss of any kind arising from or connected with this inspection.

(1) For manually operated valves only.

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

1.	Owner:		Southern Nuclear C	Operating Co.		Date:	Nov	ember 14, 2008	
	40 Invern	ness C	Name Center Parkway; Birm	ingham, AL 35242	- s	sheet: 1	of	2	
2.	Plant:	Jos	Address seph M. Farley Nucle	ar Plant (FNP)	- U	Init:	-	FNP Unit 2	
			Name		-	<u></u>			
	7388	North	State Hwy 95; Colun	nbia, AL 36319		Work Order No.:	P16 - 2	080117401	
	Address					Repair/Replacem	ent Orga	anization PO No,	Job No, etc.
З.	Work Performed By: FNP Maintenance Department			т	ype Code Symbol	Stamp:	N/	A	
	Name				•				
	7388	North	State Hwy 95; Colun	nbia, AL 36319	A	uthorization No.:		N/A	
			Address		E	xpiration Date:		N/A	
		<b>.</b> .		1			·		
4.	Identification of S	Syster	n: IPNS:	Q2P16V216V (SW Retur	rn from Co	ntainment Cooler 2	2C Drain	Valve), ASME C	lass 3
5.	(a) Applicable Co	onstru	ction Code:	Section III , 1971	Edition,	Winter 1971 * Ad	ldenda,	N/A	Code Case
				Year	-				_
	(b) Applicable Ec	dition	of Section XI Used fo	or Repair/Replacement Ac					
						Year			
	(c) Applicable Se	ection	XI Code Case(s):	·····		N/A			
6.	Identification of C	Compo	onents:						
	Name of Compone	ent	Name of Manufacturer	Manufacturer Serial No.	National Board	Other Identification	Year Built	Corrected, Removed, or	ASME Code Stamped
					No.			Installed	(Yes or No)
	Pipe		Consolidated Pipe	HT # 26963 <sup>J</sup>	N/A	PO:7047Q62575	1974	Removed	No
	Valve		Kerotest	J02-9	N/A	PO: FNP2-55	1975	Removed	Yes
	90° Elbow		Ladish	HT # ZF2B <sup>/</sup>	N/A	PO:7047Q62656	1973	Removed	No
	Pipe		Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No
	Valve		BNL Industries	A070809-1-26 -	N/A	PO: QP070775	2008	Installed	Yes
	90° Elbow		Bonney Forge	HT # 44012 -	N/A	PO: QP080237	2008	Installed	No
			· · · · · · · · · · · · · · · · · · ·					·····	
			·· <u>······</u> ·······	······					
7.	Description of Wo	ork:		Replaced valve	e Q2P16V	216V and upstream	n piping.		
8.	Tests Conducted	I:	Hydrostatic	Pneumatic	Nominal C	Operating Pressure	$\overline{\mathbf{v}}$	Exempt	0
			Other	Pressure:	ps	i Test Tem	p.:	۰ <b>۳</b>	

Applicable Manufacturer's Data Reports to be attached

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

### of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138158 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in the	ereport are correct and that this co	onforms 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: Ron Ih	Run Tyler, Mainten Asia O. Jerkins, Maintenan	neme Supt. ne Team Leader Date:	1/20/09
Owner	or Owner's Designee, Title		

hal Board of Boiler and Pressure Vessel Inspectors and the
HSB CT
have inspected the components described in this
to $1/22/09$ , and state that to
nations and taken corrective measures described in this
de, Section XI.
kes any warranty, expressed or implied, concerning the ort. Furthermore, neither the Inspector nor his employer shall be use of any kind arising from or connected with this inspection. sions: <u>CA 827 AIN</u> National Board, State, Province, and Endorsements
1 1

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

New Value

Pg. 1 of \_2\_\_\_

). Manufacturad and cer	tified by BNL	Industries, I		<u>Justrial Park R</u>		ernon, CT, 06066		
<b>0 1 1 1 1 1 1</b>								
2. Manufactured for <u>50</u>	. Manufactured for <u>Southern Nuclear Operating Co., PO Box 1295</u> , <u>Birmingham</u> , <u>AL 35201</u> (name and address of Purchase)							
• • • • • • • • • • •								
3. Location of installation	Farley Nu	clear Plant,		<u>e Highway 95, (</u> Wieddress)	OLUMD	1a, AL 36319		
	- 175		. HBV-A2-	20-0027 A				
4. Model No., Series No.	, or Type	LVE Drav	ving	RevA		CRN		
E ADME Code Continu		1971	W'71, NB6111	.1C of W'72 3				
5. ASME Code, Section	III, DIVISION 1;	fedition)	laddends d			(Code Case no.)		
6. Pump or valve VAL	VE	Nominal inlet size_	2"	Outlet size	2"			
o. romp of vervo		NOTHIN HIDL SIAM.	(in.)		(in.)	+		
7. Material: Body SA4	79 TY 316L	Boonet SA 479	TY316L Diek	SA 479 TY316L	Rotting	<u>SA193GrB8/SA1</u> 94Gr8B		
					DALCE M			
(a)	(b)		(c)	(d)		(a)		
Cert.	Nat'l		Body	Bonnet		Disk		
Holder's te	Board	:	Serial	Serial		Seriel		
Serial No.	No.		No.	No.		No.		
A070809-1-(21 THRU	30)	1	26A-1	93A		126A		
A070809-1-(31 THRU		12	26A-2	93A		126A		
A070809-1-(33 THRU	J 45)	1	26A-2	93A-1		129A		
A070809-1-(46)		1	26A-2	93A-1		129A-1		
A070809-1-(47)		1	26A-2	93A-1/93A	-2	129A-1		
A070809-1-(48 THRU	55)	1	26A-2	93A-2		129A-1		
A070809-1-(56 THRU	J 62)	1	26A-3	93A-2		129A-1		
A070809-1-(63)		1	26A-3	93A-2		129A-2		
A070809-1-(64 THRU	1 80)	1	26A-3	<u>93A-3</u>		129A-2		
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						······································		
			·····	·······				
			<u></u>			······································		
		··	······	·····				
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			<u></u>					
		· · · · ·			····			

\*Supplemental information in form of Bass, statches, or drawings may be used provided (1) size is 8 % × 11, (2) information in items 1.through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

Certificate Holder's Serial No. <u>A070809-1-(21</u> THRU 80)

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8.	Design conditions	(pressure)	psi(temperature)		ANST 150# (1)
9.	Cold working pressure	230	psi at 100°F		
10.	Hydrostatic test425	psi.	Disk differential test press	ure <u> </u>	
11.	Remarks:		· · · · · · · · · · · · · · · · · · ·		<b>New Constant</b>
	·······				
		***************************************			

ļ	CERTIFICATION OF DESIGN
	Design Specification certified by AN_NGUYEN P.E. State AL ffeg. no 15301
l	Design Report certified by P.E. State Reg. no

CERTIFICATE OF COMPL	IANCE
We certify that the statements made in this report are correct and that this	s pump or valve conforms to the rules for construction
of the ASME Code, Section III, Division 1. N Certificate of Authorization NoN-2882	Expires 11/10/10
Date <u>4-16-08 Name BNL INDUSTRIES, INC.</u> (N Certificate Holder)	Signed QAR

	CERTIFICATE OF INSPECTION
the State or Province of ofLYNN_MASS 4/14/38	a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and <u>CONNECTICUT</u> and emplayed by <u>ONEBEACON AMERICA INS</u> have inspected the pump, or valve, described in this Data Report on , and state that to the best of my knowledge and ballef, the Certificate Holder has con- a, in accordance with the ASME Code, Section III, Division 1.
component described in thi	neither the inspector nor his employer makes any warranty, expressed or implied, concerning the s Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for orty damage or a loss of any kind arising from or connected with this inspection. <u>Key PR</u> (Authorized Infector) (Nat'l, Bd. (Incl. endorsements) and state or prov. and no.1

(1) For manually operated valves only.

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

1.	Owner:		Southern Nuclear C	Operating Co.	l	Date:	Nov	ember 14, 2008	
			Name		-				
	4(	) Inverness (	Center Parkway; Birm	ingham, AL 35242	-	Sheet: 1	_ of	2	
			Address						
2.	Plant:	Jos	seph M. Farley Nucle	ar Plant (FNP)	- <sup>(</sup>	Unit:		FNP Unit 2	
			Name				<b>5</b> 40 0		
		7388 North	State Hwy 95; Colur	nbia, AL 36319		Work Order No.:			4-1- 44
~	Mark Da	fame and Dec	Address		-	Repair/Replacem	-		
3.	WORK Per	formed By:		nance Department	-	Type Code Symbol	Stamp:	N/	A 
		7288 North	Name State Hwy 95; Colun	nhin AL 26310		Authorization No.:		N/A	
		7566 North	Address		- ′				
			Address		E	Expiration Date:		N/A	
4,	Identificat	tion of Syste	m: TPNS	: Q2P16V216W (SW Sup	oply to Co	ntainment Cooler 2	C Drain	Valve), ASME CI	ass 3
5.	(a) Applic	able Constru	uction Code:	Section III , 1971	Edition,	Winter 1971 * Ad	ddenda,	N/A	Code Case
				Year	. –			<u></u>	-
	(b) Applic	able Edition	of Section XI Used for	or Repair/Replacement Ac	tivity:		ddenda:	200	)3
						Year			
	(c) Applic	able Section	XI Code Case(s):			N/A			
6.	Identificat	ion of Comp	onents:						
					National	01	N'and	Corrected,	ASME Code
P	ame of C	omponent	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
			Manulaciurei		No.	Identification	Odat	Installed	(Yes or No)
	Pip	be	Quanex GST	HT # 285192 -	N/A	PO: QP1799	1987	Removed	No
	Val	ve	Kerotest	J02-10	N/A	PO: FNP2-55	1975	Removed	Yes
	90° E	lbow	Capitol	HT # R95R	N/A	PO: QP2030	1987	Removed	No
	Pip		Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No
	Val		BNL Industries	A070809-1-67	N/A	PO: QP070775	2008	Installed	Yes
	90° E	lbow	Bonney Forge	HT # 44012 J	N/A	PO: QP080237	2008	Installed	No
	<u> </u>								
	·····								
						<u> </u>		······································	
						1	I		L
7.	Descriptio	n of Work:		Replaced valve	22P16V	216W and upstrea	m piping		
8.	Tests Cor	iducted:	Hydrostatic	Pneumatic	Nominal (	Operating Pressure		Exempt	
			Other	Pressure:	p	si Test Ten	ър.:	°F	

Applicable Manufacturer's Data Reports to be attached

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

### of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138159 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements ma	de in the report are correct and that this conf	orms to the requirements of t	he ASME Code, Section XI.
Type Code Symbol Stamp:		N/A	
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Signed: Lon Jehn	Ron Tgler, Maintenance Asia O. Jerkins, Maintenance	<b>Supt.</b> <b>Team Leader</b> Date:	1/20/09
	Owner or Owner's Designee, Title		

State or Province of	GEORGIA	and employed by	HSB	сT		
of HAR	TFORD CT				have inspected the co	omponents described in th
Owner's Report durin	g the period	\$1nto	8	to	r/21/09	, and state that
		Owner has/performed equirements of the AS			ken corrective measur	es described in this
Owner's Report in acc	cordance with the re	equirements of the AS	ME Code, S	ection XI.		
Owner's Report in acc By signing this cert xaminations and cor able in any manner f	cordance with the re ificate neither the li rective measures d	equirements of the AS nspector nor his emplo lescribed in this Owner ury or property damage	ME Code, S oyer makes a r's Report. I e or a loss o	any warra Furthermo f any kind	nty, expressed or implive, neither the Inspect arising from or connect	

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

New Value

Pg. 1 of \_2\_\_\_

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1. Manufactured and car	tified by BNL		30 Industrial Park R	d., Vernon, CT, 06066
2. Manufactured for <u>So</u>	uthern Nucl	• • • •	PO Box 1295, Birmit	
			address of Purchaser)	
3. Location of installation	Farley Nuc	lear Plant, 7388 N	<u>  State Highway 95,  </u>	Columbia, AL 36319
	•		(name and addrees)	
4. Model No., Series No.	or Type <u>VAI</u>	VE Drawing HB	V-A2-20-0027	CRN
		1971 W'71,	NB6111.1C of W'72 3	
5. ASME Code, Section	III, UNVISION 1;		denda deta) (clesa)	(Code Case no.)
6. Pump or valve VAL	VE	Nominal Inlet size2'		<u> </u>
		8	n.)	(in.)
7. Material: Body SA4	79 TY 316L	Bonnet SA 479 TY3161	Disk SA 479 TY316L	Bolting SA193GrB8/SA194Gr88
(a)	(b)	(c)	(d)	(e)
Cert.	Nat'l	Body	Bonnet "	Disk
Holder's	Board	Serial	Serial	Seriel
Serial No.	No.	No.	No.	No.
A070809-1-(21 THRU	30)	126A-1	93A	126A
A070809-1-(31 THRU	32)	126A-2	93A	126A
A070809-1-(33 THRU	1 45)	126A-2	93A-1	129A
A070809-1-(46)		126A-2	93A-1	129A-1
A070809-1-(47)		126A-2	93A-1/93A	-2 129A-1
A070809-1-(48 THRU	55)	126A-2	93A-2	129A-1
A070809-1-(56 THRU	62)	126A-3	93A-2	129A-1
A070809-1-(63)		126A-3	93A-2	129A-2
A070809-1-(64 THRU	80)	126A-3	<u>93A-3</u>	129A-2
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		مراجع المراجع ا		
	······	······		
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\* Supplemental information in form of liggs, ekstches, or drawings may be used provided (1) size is 8½ × 11, (2) information in items 1.through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

8. Design conditions \_ .°F or valve pressure class ANST 150# (1) (pressure) (temperature) 230 9. Cold working pressure .... pei at 100°F 10. Hydrostatic test <u>425</u> psi. Disk differential test pressure.<u>320</u> psi 11. Remarks: CERTIFICATION OF DESIGN Design Specification cartified by \_\_\_\_\_AN\_NGUYEN\_\_\_ P.E. State \_\_\_\_AL \_ Rgg. no. \_\_\_\_\_\_\_\_ Design Report certified by . P.E. State . . Reg. no. .

CERTIFICATE OF COMPLI	ANCE
We certify that the statements made in this report are correct and that this of the ASME Code, Section III, Division 1.	
N Certificate of Authorization No. N-2882	Expires11/10/10
Dete 4-16-08 Name BNL INDUSTRIES, INC. (N Certificate Holder)	Signed QAK

CE	ITIFICATE OF INSPECTION
the State or Province of <u>CONNECTICUT</u> of <u>LYNN, MASS</u>	sued by the National Board of Boller and Pressure Vessel Inspectors and end employed by <u>ONEBEACON AMERICA INS</u> have inspected the pump, or valve, described in this Data Report on t to the best of my knowledge and belief, the Certificate Holder has con- a ASME Code, Section III, Division 1.
component described in this Data Report. Furtherm any personal injury or property demage or a loss of	r his employer makes any warranty, expressed or Implied, concerning the ore, neither the inspector nor his employer shall be liable in any manner for any kind arising from or connected with this inspection.

(1) For manually operated valves only.

Certificate Holder's Serial No. A070809-1-(21 THRU 80)

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

1.	, Owner:		Southern Nuclear	Operating Co.	C	)ate:	Nov	ember 14, 2008	
			Name		-				
	40	Inverness C		mingham, AL 35242	- <sup>S</sup>	heet: 1	_ of	2	
			Addres						
2.	Plant:	Jos	seph M. Farley Nuc	ear Plant (FNP)	- U	Init:		FNP Unit 2	
			Name						
		7388 North	State Hwy 95; Col	umbia, AL 36319		Work Order No.:			w
			Addres			Repair/Replacerr	-		
3.	Work Perfe	ormed By:		enance Department	- T	ype Code Symbol	Stamp:	N/,	A
			Name						
		7388 North	State Hwy 95; Col		- A	uthorization No.:		N/A	
			Addres	5	E	xpiration Date:		N/A	
			***	10. 000101/0101 (0111 0		talaan ah Oosta a		(-h) 10115 OK	
4,	Identification	on of Syste	m: <u>IP</u>	NS: Q2P16V218A (SW Sup	ply to Con	tainment Cooler 2	U Drain V	/aive), ASME Cia	185 3
5.	(a) Applica	ble Constru	uction Code:	Section III , 1971	Edition,	Winter 1971 * A	ddenda,	N/A	Code Case
				Year					_
	(b) Applica	ble Edition	of Section XI Used	for Repair/Replacement Ac	ctivity:		denda:	200	3
						Year			
	(c) Applica	Die Section	XI Code Case(s):			N/A			
6.	Identificatio	on of Comp	onents:						
					National			Corrected,	ASME Code
	Name of Co	mponent	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
			Manufacturer		No.	identification	Duin	Installed	(Yes or No)
	Pipe	9	Quanex GST	HT # 285192	N/A	PO: QP1799	1987	Removed	No
	Valv	e	Kerotest	CS14-23	N/A	PO: FNP2-55	1975	Removed	Yes
	Pipe	9	Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No
	Valv	е	BNL Industries	A070809-1-71	N/A	PO: QP070775	2008	Installed	Yes
		· · · · · · · · · · · · · · · · · · ·							
		· · · · · · · · · · · · · · · · · · ·							
			<u> </u>			L			
7.	Description	of Work:		Replaced valve	e Q2P16V	218A and upstream	n piping.		
8.	Tests Conc	lucted:	Hydrostatic	Pneumatic	Nominal C	perating Pressure		Exempt	
			Other	Pressure:	ps	i Test Ten	np.:	۰ <b>۴</b>	

Applicable Manufacturer's Data Reports to be attached

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138160 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in the	report are correct and that this confor	ms to the requirements of	the ASME Code, Section XI.
Type Code Symbol Stamp:		N/A	
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Signed:	Asia O. Jerkins, Maintenance T	eam Leader Date:	1/8/09
Owner	or Owner's Designee, Title		<u> </u>

State or Province of	1000 AM	and employe	ed by	<u>458</u>		CT	
of		HARTERD,	CT			have inspected th	e components described in th
Owner's Report during th	e period	8/25	108		to	1/19/09	, and state that
		0 1.7		minationa		/ /	
							asures described in this
the best of my knowledge Owner's Report in accord	lance with the I	requirements of	the ASME C	ode, Sec	tion X	1.	
Owner's Report in accord By signing this certifica examinations and correct	lance with the i ite neither the l ive measures (	requirements of Inspector nor his described in this	the ASME C s employer r Owner's Re damage or a	Code, Sec nakes any port. Fur loss of a	tion X y warr therm ny kin	I. anty, expressed or i lore, neither the Insp	asures described in this implied, concerning the bector nor his employer shall I nnected with this inspection.

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

New value

Pg. 1 of \_2\_\_\_

1. Manufactured and co	ertified by BNL	Industries, Inc., 30 1	Industrial Park Kd.,	Vernon, CT, USUBB
D. Manufactural fac. St	outhern Nuc	lear Operating Co., PO		m AT 35201
2. Manufactured for 35	Duchern Nuc		tess of Purchaser)	10, AL 33201
3 tocation of installation	n Farlev Nu	clear Plant, 7388 N St	ate Highway 95, Colu	mbia, AL 36319
		man)	and address)	· ·
4. Model No., Series No	or TypeVA	LVE Drawing HBV-A	2-20-0027 A	CRN
	•	-		
5. ASME Code, Section	III, Division 1:		11.1C of #'72 3	
		(adition) laddenda		(Code Case no.)
6. Pump or valveVA	LVE	Nominal inlet size 2"	Outlet size 2"	
	170 my 7161	1000		
7. Material: Body 27.	19 11 3100	Bonnet SA 479 TY316L D	181 <u>50 313 115104</u> 901	ng <u>3412301007.341</u> 3401
(a)	(b)	(c)	(d)	(e)
Cert.	Nat'l	Body	Bonnet	Disk
Holder's	Board	Seriel	Serial	Serial
Serial No.	No.	No.	No.	No.
A070809-1-(21 THE	0 30)		93A	126A
	0 32)	126A-2	93A	126A
A070809-1-(33 THR	The second se	126A-2	93A-1	129A
070809-1-(46)		126A-2	93A-1	129A-1
070809-1-(47)		126A-2	93A-1/93A-2	129A-1
070809-1-(48 THR	0 55)	126A-2	<u>93A-2</u>	129A-1
070809-1-(56 THR	<u>U 62)</u>	<u>126A-3</u>	<u>93A-2</u>	129A-1
A070809-1-(63)		<u> </u>	<u>93A-2</u>	<u>129A-2</u>
A070809-1-(64 THR	U 80)	<u>126A-3</u>	<u>93A-3</u>	<u>129A-2</u>
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\*Supplemental information in form of lists, skatches, or drawings may be used provided (1) size is 8% × 11, (2) information in hems 1.through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form,

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

Certificate Holder's Serial No. A070809-1-(21 THRU 80)

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8.	Dealgn conditions			psi		e class ANST 150#	
		6	pressure)	(temperature)	•		• •
9.	Cold working press	ure	230				
10.	Hydrostatic test	425	psi.	Disk differential test pres	isura		psi
11.	Remarks:						<u>.                                    </u>
						****	
						1	
				CERTIFICATION OF D	ESIGN		
De	sign Specification c	ertified b	y AN NG	UYEN	P.E. StateAL	Fjeg. no15301	[
De	sign Report certified	by			. P.E. State		<u> </u>
	Ą			######################################			
	<u></u>			CERTIFICATE OF COM			

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.					
N Certificate of Authorization No.,	N-2882	Expires 11/10/10			
		Signed QAR (authorized representative)			

CI	ERTIFICATE OF INSPECTION
the State or Province of <u>CONNECTICUT</u>	asued by the National Board of Boller and Prassure Vessel Inspectors and and employed byONEBEACON AMERICA INS have inspected the pump, or valve, described in this Data Report on st to the bast of my knowledge and belief, the Certificate Holder has con- the ASME Code, Section III, Division 1.
component described in this Data Report. Furthen	nor his employer makes any warranty, expressed or implied, concerning the more, neither the inspector nor his employer shall be liable in any menner for of any kind arising from or connected with this inspection.
DeteSigned	r) [Nat'L Bd. (Incl. endorsements) and state or prov. and no.]

(1) For manually operated valves only.

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

1	, Owner:	Southern Nuclear C	Operating Co.	_ C	)ate:	Nov	ember 14, 2008	-
	40 inverness	<i>Name</i> Center Parkway; Birm	ingham, AL 35242	S	Sheet: 1	of	2	
		Address		-	. <u></u>			
2	. Plant: Jo	seph M. Farley Nucle	ar Plant (FNP)	U.	Init:		FNP Unit 2	
		Name		-				
	7388 North	n State Hwy 95; Colun	nbia, AL 36319		Work Order No.:			·····
		Address			Repair/Replacem	-		
3	. Work Performed By:		nance Department	- <sup>т</sup>	ype Code Symbol	Stamp:	N/,	A
	7388 North	Name Nate Hwy 95; Colun	nbia, AL 36319	A	uthorization No.:		N/A	
		Address	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•				
				E	xpiration Date:		N/A	
4.	. Identification of Syste	m: TPNS:	Q2P16V218B (SW Retur	rn from Co	ntainment Cooler 2	2D Drain	Valve), ASME C	lass 3
5.	(a) Applicable Constr	uction Code:	Section III , 1971	Edition,	Winter 1971 * Ad	denda,	N/A	Code Case
			Year	• ••••	······		· · · · · · · · · · · · · · · · · · ·	-
	(b) Applicable Edition	of Section XI Used for	or Repair/Replacement Ac	tivity:		denda:	200	3
					Year			
	(c) Applicable Section	NXI Code Case(s):			N/A			,
6.	Identification of Comp	oonents:						
		T		National	Other	V	Corrected,	ASME Code
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
		Manufacturer		No.	Identification	Duit	Installed	(Yes or No)
	Pipe	Consolidated Pipe	HT # 26963	N/A	PO:7047Q62575	1974	Removed	No
	Valve	Kerotest	CS14-25	N/A	PO: FNP2-55	1975	Removed	Yes
	90° Elbow	Ladish	HT # ZF2B 🖌	N/A	PO:7047Q62656	1973	Removed	No
	Pipe	Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No
	Valve	BNL Industries	A070809-1-22 -	N/A	PO: QP070775	2008	Installed	Yes
	90° Elbow	Bonney Forge	HT # 44012 -⁄	N/A	PO: QP080237	2008	Installed	No
			,					
					1			
							*******	
7.	Description of Work:		Replaced valve	e Q2P16V	218B and upstrean	n piping.		
8.	Tests Conducted:	Hydrostatic	Pneumatic	Nominal (	Dperating Pressure		Exempt	п
- '	rests conducted.				portaining r rooodie	1		

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.

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9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138161 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in	the report are correct and that this confo	rms 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: Ron Jehn	Ron Tyler, Maintenance Acia O. Jerkins, Maintenance T	<b>Supt.</b> Team Leader Date:	1/20/09
Own	er or Owner's Designee, Title		·/ /

I, the undersigned,	holding a valid com	mission issued by the l	National Bo	ard of B	loiler and Pressure Vess	el Inspectors and the
State or Province of	GEORGIA	and employed by	HSB	CT		
of HARTPO	Q, CT				have inspected the cor	nponents described in this
Owner's Report during	the period	8125/08	,	to	1/21/09	, and state that to
the best of my knowle	dge and belief, the	Owner has performed	examination	s and ta	aken corrective measure:	s described in this
Owner's Report in acc	ordance with the re	quirements of the ASM	IE Code, Se	ection XI	l.	
examinations and con	rective measures de	escribed in this Owner's ry or property damage	s Report. Fi or a loss of	urthermo any kino	anty, expressed or implie ore, neither the Inspector d arising from or connect	nor his employer shall be
/ Inst	pector's Signature			Na	tional Board, State, Prov	ince, and Endorsements
Date: //	6.100					

ew Valve

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### FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

#### Pg. 1 of \_2

<ol> <li>Manufacturad and cell</li> </ol>	rtified by BNL			trial Park R N Centificate Holder		rnon, CT, 0606	5
2. Manufactured for So	uthern Nucl	ear Operating C	O., PO BOX	1295, Birmir	igham,	AL 35201	
		(nem	e and address of P	urchuser)			
3. Location of installatio	n Farley Nuc	lear Plant, 738	8 N State H	lighway 95, (	Columb	ia, AL 36319	
			iba bna eman)	(rees)			
4. Model No., Series No.	, or Type <u>VAI</u>	VE Drewing	HBV-A2-20-	0027 A. A		CRN	
5. ASME Code, Section	III, Division 1:	<u>1971 %'7</u>	1, NB6111.1C	of #172 3			
		(edition)	laddenda date)	(ciess)		(Code Case no.)	
6. Pump or valve VAL	LVE	Nominal Inlet siza	2"	Outiet size	2"		
			(in.)		(In.)		
7. Material: Body SA4	<u>79 TY 316L</u>	Bonnet SA 479 TY3	16L Diek SA	479 TY316L	Bolting	SA193GrB8/SA194	lGr8B
(#)	(b)	(c)		(d)		(#)	
Cert.	Nat'l	Body	Y	Bonnet*		Disk	
Holder's	Boerd	Serie	al	Serial		Seriel	
Serial No.	No.	No.		No.		No.	
A070809-1-(21 THR	U 30)	1264	-1	93A		126A	
A070809-1-(31 THRU	32)	126A-	-2	93A		126A	
A070809-1-(33 THR		126A	-2	93A-1		129A	
A070809-1-(46)		126A	-2	93A-1		129A-1	
A070809-1-(47)		126A	-2	93A-1/93A	-2	129A-1	
A070809-1-(48 THRU	y 55)	126A	-2	93A-2		129A-1	
A070809-1-(56 THRU	U 62)	126A	-3	<u>93A-2</u>		129A-1	
A070809-1-(63)		126A	-3	93A-2		129A-2	
A070809-1-(64 THR	0 80)	1264	-3	93A-3		129A-2	
	•						
<u> </u>				-			
						·····	
	<u></u>						
		·					
······································			<u></u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
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		·····					

\* Supplemental information in form of lizts, all stokes, or drawings may be used provided (1) size is 8½ × 11, (2) information in lisens 1. through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

X

This form (E00037) may be obtained from the Order Dept., ASME, 22 Lew Drive, Box 2300, Fairfield, NJ 07007-2300.

\_ P.E. State \_

CERTIFICATE OF COMP	LIANCE
We certify that the statements made in this report are correct and that the of the ASME Code, Section III, Division 1. N Certificate of Authorization NoN~2882	Expires11/10/10
Date <u>4-16-08</u> Norma BNL INDUSTRIES, INC.	Signed (sutherized representative)

	CERTIFICATE OF INSPECTION
the State or Province of <u>GQNN</u> of <u>LYNN, MASS</u> 4/14/58	commission issued by the National Board of Boiler and Prassure Vessel Inspectors and <u>ECTICUT</u> end employed by <u>ONEBEACON AMERICA INS</u> have inspected the pump, or valve, described in this Data Report on , and state that to the beat of my knowledge and belief, the Cartificate Holder has con- ordance with the ASME Code, Section III, Division 1.
component described in this Date R	the inspector nor his employer makes any warranty, expressed or implied, concerning the leport. Furthermore, neither the inspector nor his employer shall be liable in any manner for use or a loss of any kind arising from or connected with this inspection.

(1) For manually operated valves only.

Design Report certified by \_\_

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Certificate Holder's Serial No. A070809-1-(21 THRU 80)

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

1.	Owner:		Southern Nuclear	Operating Co.	0	Date:	Nov	ember 14, 2008	
			Name						
	40 Inv	erness (	Center Parkway; Birn	ningham, AL 35242	S	heet: 1	of	2	
			Address	1	-				
2.	Plant:	Jos	seph M. Farley Nucle	ear Plant (FNP)	U	Init:		FNP Unit 2	
			Name		-			1	
	73	88 North	State Hwy 95; Colu	mbia, AL 36319		Work Order No.:	P16 - 2	080117801	
		-	Address			Repair/Replacer	nent Orga	anization PO No,	Job No, etc.
3.	Work Perform	ned By:	FNP Mainte	enance Department	Т	ype Code Symbo	Stamp:	N	Ά
			Name	· · · · · · · · · · · · · · · · · · ·					
	73	88 North	State Hwy 95; Colu	mbia, AL 36319	A	uthorization No.:		N/A	
			Address		-				
					E	xpiration Date:		N/A	
				1					
4.	Identification	of Syste	m: TPN	S: Q2P16V218C (SW Sup	oply to Con	tainment Cooler 2	2D Drain \	Valve), ASME CI	ass 3
5.	(a) Applicable	e Constru	uction Code:	Section III , 1971	Edition, \	Winter 1971 * A	ddenda,	N/A	Code Case
				Year					
	(b) Applicable	Edition	of Section XI Used I	or Repair/Replacement Ac	ctivity:		ddenda:	20	03
						Year			
	(c) Applicable	e Section	XI Code Case(s):			N/A			
6.	Identification	of Comp	onents:						
					National			Corrected,	ASME Code
	Name of Comp	ponent	Name of	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
			Manufacturer		No.	Identification	Duit	Installed	(Yes or No)
	Pipe		Quanex GST	HT # 285192	N/A	PO: QP1799	1987	Removed	No
	Valve	•••• <u>•••••</u> •••••••••••••••••••••••••••	Kerotest	DX5-22	N/A	PO: FNP2-55	1975	Removed	Yes
				1	1				1
	Pipe		Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No
	Valve		BNL Industries	A070603-1-6	N/A	PO: QP070675	2007	Installed	Yes
		***							
-									
			I						
7.	Description of	f Work:		Replaced valv	e Q2P16V	218C and upstrea	ım piping.		
8.	Tests Conduc	ted:	Hydrostatic	Pneumatic	Nominal C	Derating Pressur	• 🗹	Exempt	
							_		
			Other	Pressure:	ps	i Test Ter	np.:	<b>ې</b> د ۲	

Applicable Manufacturer's Data Reports to be attached

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

#### of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an applicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138157 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in	the report are correct and that this o	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: Ron Jahr	Zon Tyler , Maintenan <del>Asia O. Jorkins, Maintena</del>	e Sieft. n <del>ce Team Leade</del> r Date:	1/20/09
O Own	er or Owner's Designee, Title	······································	

	CERTIFICATE OF I	NSERVICE INSP	PECTION			
I, the undersigned, holding a va	alid commission issued by the	National Board o	of Boiler an	d Pressure Vess	el Inspectors and the	
State or Province of	and employed by	HEB	CT			
of HANTFORD, C	T	<u></u>	have i	nspected the cor	nponents described in this	
Owner's Report during the period	825108	to	· /	20/09	, and state that to	
the best of my knowledge and be	the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this					
Owner's Report in accordance wi	Owner's Report in accordance with the requirements of the ASME Code, Section XI.					
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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 Sig.	nature		National B	oard, State, Prov	Ince, and Endorsements	
Date: (121/09	•					

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1 Pg. 1 of \_2\_ 1. Menufactured and cartifled by BNL Industries, Inc., 30 Industrial Park Rd., Vernon, CT, 06066 (name and address of N Cartificate Holder) 2. Manufactured for Southern Nuclear Operating Co., PO Box 1295, Birmingham, AL 35201 (meme and address of Purcha 3. Location of installation Farley Nuclear Plant, 7380 N State Highway 95, Columbia, AL 36319 (name and address) CRN 1971 W'71, NB6111.1C of W'72 5. ASME Code, Section III, Division 1: . (adition) (addende data) (Code Came no.) 2" 2\* 6. Pump or valve VALVE \_ Nominal inlet size Outlet size ຢິກ.) (in.) 7. Manariat: Body SA479 TY 316L Bonnet SA 479 TY316L Diek SA 479 TY316L Bonnet SA193GEB8/SA194GE8B (a) (b) (c) 60 (a) Disk Cert. Nat'i Body Bonnet Serial Holder's's Board Serial Serial Serial No. No. No. No. No. A070603-1-(1 THRU 15) ¥234 Y232 Y233

New value

\*Supplemental information is form of lists, electories, or drawings may be used provided (1) else is 3% × 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/66)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

Caruficata Holder's Serial No. A070603-1-(1\_THRU\_15)

8.	Design conditions	(pressure)			ANSI 150# (1)
9.	Cold working pressure	230		-	
10.	Hydrostatic tast425	pel.	Disk differential test pre-	320	pel
11.	Remarka:		·····		
					«میں ایک
			· · · · · · · · · · · · · · · · · · ·		
Ĺ.	<u></u>		CERTIFICATION OF	DEBION	]
D	aign Specification certifier	d by <u>AN NG</u>	JUYEN	P.E. State R.	ng. no. <u>15301</u> ng. no

CERTIFICATE OF COMPLIANCE						
We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction						
of the ASME Code, Section III, Division 1. N Certificate of Authorization No. <u>N-2882</u> SED 1 5 2007	Expires 11/10/07					
Oute BNL INDUSTRIES, INC.	Signed Instruction representative)					

#### CERTIFICATE OF INSPECTION

I, the undersigned, holding a velid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the State or Province of <u>CONNECTICUT</u> and employed by <u>ONEBEACON AMERICA INS.</u> of <u>BOSTON, MASS</u> have inspected the pump, or valve, described in the Data Report on <u>AUA/00</u>, and state that to the best of *my* knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this cartificate, neither the inspector nor his employer makes any werranty, expressed or implied, concerning the component described in this Date Report. Furthermore, neither the inspector nor his employer shell be liable in any menner for env personal insury or property derpage or a loss of any kind erising from or connected with this inspection.

H.P. Z 9/19/07 NBIDGEDT, A,N. CTIZGZ Dete Commissions [Net'], Bd. (incl. endorsements) and state or prov. and no.] (Authorized Teepector)

(1) For manually operated valves only.

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

1.	Owner:		Southern Nuclear C	Operating Co.	E	Date:	Nov	ember 14, 2008		
			Name		-					
	40	Inverness (	Center Parkway; Birm	ingham, AL 35242	. 5	Sheet: 1	of	2		
			Address							
2.	Plant:	Jo	seph M. Farley Nucle	ar Plant (FNP)	- <sup>ι</sup>	Jnit:		FNP Unit 2		
			Name							
		7388 North	State Hwy 95; Colun	nbia, AL 36319		Work Order No.				
_			Address	5	-		nization PO No, Job No, etc. N/A			
З.	3. Work Performed By: FNP Maintenance Department					ype Code Symbo	oi Stamp:	N/A		
		7000 North	Name State Hwy 95; Colun	AL 26210	٨	uthorization No.:		N/A		
		/300 10010	Address	IVIA, AL 30313	- ^	unonzation no		1977	···	
			Address		E	xpiration Date:		N/A		
4.	Identificati	on of Svste	m: TPNS:	∠ Q2P16V218D (SW Retu	rn from Co	ontainment Coole	r 2D Drain	Valve), ASME C	lass 3	
		,,	·							
5.	(a) Applica	ble Constru	uction Code:		Edition,	Winter 1971 *	Addenda,	N/A	Code Case	
				Year		0001				
	(b) Applica	Die Edition	of Section XI Used to	r Repair/Replacement Ac		2001 / Year	Addenda:			
	(c) Applica	ble Section	XI Code Case(s):			N/A				
	(0) , ibbiior			<u></u>						
6.	Identificatio	on of Comp	onents:							
_					National		1	Our		
. 1	Name of Co	mnonent	Name of	Manufacturer Serial No.	Board	Other	Year	Corrected, Removed, or	ASME Code Stamped	
			Manufacturer		No.	Identification	Built	Installed	(Yes or No)	
	Pipe	9	Consolidated Pipe	HT # 26963 /	N/A	PO:7047Q6257	5 1974	Removed	No	
	Valv		Kerotest	DX5-24 🖌	N/A	PO: FNP2-55	1975	Removed	Yes	
	90° Elk	ow	Ladish	HT # ZF2B >	N/A	PO:7047Q6265	6 1973	Removed	No	
	Pipe	9	Sandvik	HT # 512741	N/A	PO: QP071037	7 2008	Installed	No	
	Valv	ê	BNL Industries	A070809-1-39	N/A	PO: QP070775		Installed	Yes	
	90° Elt	woo	Bonney Forge	HT # 44012	N/A	PO: QP080237	7 2008	Installed	No	
								····		
							_			
						<b> </b>				
			· ·			<u> </u>				
7.	Description	of Work:		Replaced valve	e Q2P16V	218D and upstre	am piping.		_	
8.	Tests Cond	lucted:	Hydrostatic	Pneumatic	Nominal C	Operating Pressu	re 🔽	Exempt		
				_		· , ·		-		
			Other	Pressure:	ps	si Test Te	anp.:			

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Numbers 138156 and 139773 for issuance of new parts.

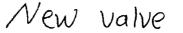
This work was completed under MDC 2080137701.

#### 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: Ran Zyle	Ron Tyler, Maintenance -Asia O. Jerkino, Maintenance	Suft. Team Leader Date:	1/20/09							
	Owner or Owner's Designee, Title									

State or Province of	and employed by	ASIS		
of HARFORD CT	<b></b>		have inspected th	ne components described in th
Owner's Report during the period	8/25/08	to	1/21/09	, and state that t
			And the formula address and an	بالمستحم والمستحم
, ,	·			asures described in this
he best of my knowledge and belief, the best of my knowledge and belief, the Dwner's Report in accordance with the By signing this certificate neither the best of	e requirements of the ASME (	Code, Section makes any wa	XI. ranty, expressed or i	implied, concerning the
wher's Report in accordance with the	e requirements of the ASME C e Inspector nor his employer r s described in this Owner's Re injury or property damage or a	Code, Section makes any wa eport. Further a loss of any k	XI. ranty, expressed or i nore, neither the Insp	implied, concerning the pector nor his employer shall

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FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of \_2\_\_\_

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1. Manufactured and	certified by BNL	Industries,	Inc., 30 Indu	ustrial Park Rd.	, Vernon, CT, 06066
			iname and address	s of N Certificate Holder)	
2. Manufactured for	Southern Nuc.	lear Operatir	ng Co., PO Bo	x 1295, Birming	ham. AL 35201
			(name and address o		
3. Location of installe	mion Farley Nu	clear Plant,	7388 N State	Highway 95. Co	lumbia, AL 36319
			(name and	addrees)	
4. Model No., Series		LVE Dra	Wing HBV-A2-2	0-0027 A	CRN
			**=**		
5. ASME Code, Sect	ion III. Division 1	1971	W'71, NB6111.	1C of #'72 3	
		(edition)	lagdenda dett		(Code Case no.)
6. Pump or valve	VALVE	Nominal Inlet size.	2"	Outlet size	2 <sup>11</sup>
		Indecision which and	fin.)		(in.)
7. Material: Body S	A479 TY 316L	Bonnet SA 479	TY316L Disk	<u>5A 479 TY316L</u> B	ohing <u>SA193GrB8/SA1</u> 94Gr8B
<b>{#</b> }	(b)		(c)	(d) _	ie)
Cert.	Nat'l		Body	Bonnet	Disk
Holder's 4	Board		Serial	Serial	Seriel
Serial No.	No.		No.	No.	No.
A070809-1-(21 T	HRU 30)		126A-1	938	126A
4070809-1-(31 TH			26A-2	93A	1268
A070809-1-(33 TI			26A-2	93A-1	129A
A070809-1-(46)	· ····································		26A-2	93A-1	129A-1
A070809-1-(47)			.26A-2	93A-1/93A-2	and the second se
A070809-1-(48 TH	HRD 55)		26A-2	93A-2	129A-1
A070809-1-(56 TH			26A-3	93A-2	129A-1
A070809-1-(63)		······································	126A-3	93A-2	129A-2
A070809-1-(64 TI	HRU 80)		126A-3	93A-3	129A-2
	·				· · · · · · · · · · · · · · · · · · ·
	· · · · · · · · · · · · · · · · · · ·			· ·	
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\*Supplemental information in form of lists, exatches, or drawings may be used provided (1) size is 8% × 11, (2) information in items 1 through 4 on this Dets Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairiteid, NJ 07007-2300.

#### FORM NPV-1 (Back - Pg. 2 of \_2\_)

8. Design conditions			psi	"F or valve pressure classANST_1	50#(1)
	Cold working pressure	(pressure)	(tomperature)		
10.	Hydrostatic test <u>425</u>		Disk differential test preasu	ure 320	psi
1.	Remarks:				 
			······································	······································	
	· · · · · · · · · · · · · · · · · · ·				
					······
			CERTIFICATION OF DEL	6KGN	

Design Specification certified by _	AN NGUYEN	P.E. StateAL	Reg. no15301
Design Report certified by		P.E. State	Reg. no,
······································			

CERTIFICATE OF COMPLIANCE									
We certify that the statements made in this report are correct and that this of the ASME Code, Section III, Division 1. N Certificate of Authorization NoN-2882	s pump or velve conforms to the rules for construction Expires								
Date <u>4-16-08 Name BNL INDUSTRIES, INC.</u> (N Certificate Holder)	Signed AR (suthorized representative)								

CERTIFICATE O	FINSPECTION
ofhave have	end employed by <u>ONEBEACON AMERICA INS</u> inspected the pump, or valve, described in this Data Report on of my knowledge and belief, the Certificate Holder has con-
By signing this certificate, neither the inspector nor his employ component described in this Date Report. Furthermore, neither any personal injury or property damage or a loss of any kind aris Date	the inspector nor his employer shall be liable in any manner for

(1) For manually operated valves only.

Certificate Holder's Seriel No. A070809-1-(21 THRU 80)

1

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

1.	Owner:		Southern Nuclear	Operating Co.	0	Date:	Nov	ember 14, 2008		
			Name				****		· · · · · · · · · · · · · · · · · · ·	
	40	Inverness	Center Parkway; Bin		- 5	Sheet: 1	of	2		
			Address							
2.	Plant:	Jo	seph M. Farley Nucl	ear Plant (FNP)	<b>_</b>	Jnit:		FNP Unit 2		
		_	Name					/		
		7388 Nort	h State Hwy 95; Colu	mbia, AL 36319		Work Order No.:				
			Address			Repair/Replacer	nization PO No,	Job No, etc.		
З.	Work Perf	ormed By:	FNP Maint	enance Department	- T	ype Code Symbo	Stamp:	N/A		
			Name					· · · · · · · · · · · · · · · · · · ·		
		7388 North	h State Hwy 95; Colu	mbia, AL 36319	A 	uthorization No.:		N/A		
			Address		F	Expiration Date:		N/A		
					L.	complication date.				
4.	Identificatio	on of Syste	em: TPN	S: Q2P16V218E (SW Sup	oply to Con	tainment Cooler 2	2D Drain	/alve), ASME CI	ass 3	
5.	(a) Applica	ble Constr	uction Code:			Winter 1971 * A	ddenda,	N/A	Code Case	
				Year						
	(b) Applica	ble Edition	of Section XI Used	for Repair/Replacement A	ctivity:		ddenda:	20	03	
						Year				
	(c) Applica	ble Section	n XI Code Case(s):			N/A				
6.	Identificatio	on of Com	oonents:							
			Name of		National	014-01		Corrected,	ASME Code	
1	Name of Co	mponent	Name of Manufacturer	Manufacturer Serial No.	Board	Other	Year Built	Removed, or	Stamped	
			Manufactorer		No.	locitimoation	Danc	Installed	(Yes or No)	
	Pipe	9	Quanex GST	HT # 285192	N/A	PO: QP1799	1987	Removed	No	
	Valv	e	Kerotest	DX5-25 🖊	N/A	PO: FNP2-55	1975	Removed	Yes	
	Pipe	2	Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No	
	Valve	8	BNL Industries	A070809-1-69 1	N/A	PO: QP070775	2008	Installed	Yes	
		wa								
			· · · · · · · · · · · · · · · · · · ·						ļ	
			l			L			L	
7,	Description	of Work:		Replaced valv	e Q2P16V	218E and upstrea	m piping.			
8.	Tests Cond	ucted:	Hydrostatic	Pneumatic	Nominal C	Operating Pressure	• 🗹	Exempt		
			Other	Pressure:	ps	i Tast Ter	np.:	۶F		

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

Applicable Manufacturer's Data Reports to be attached of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138146 for issuance of new valve. Pipe was issued under Transaction Numbers 138146 & 143753.

This work was completed under MDC 2080137701.

#### 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: Ron John	Ron Tyler, Maint Asia O. Jorkins, Maintena	ensuce Sugeriatendat " neo-Team Leader Date:	- 1/20 09 Elis
Owner	or Owner's Designee, Title		1/20/09

	CERTIFICATE OF INS	ERVICE INS	SPECTIO	N		
I, the undersigned, holding a valid comm	ission issued by the Na	tional Board	of Boiler	and Pressure	e Vessel Ins	spectors and the
State or Province of	and employed by	HSB	<b>C</b> 7			
of HARTPORD, CT	·		ha	ve inspected t	he compon	ents described in this
Owner's Report during the period	8/12/08	1	to	1/211	09	, and state that to
the best of my knowledge and belief, the O	wner has performed exa	aminations a	nd taken	corrective me	asures des	scribed in this
Owner's Report in accordance with the requ	irements of the ASME	Code, Section	on XI.			
By signing this certificate neither the Insp examinations and corrective measures deso liable in any manner for any personal injury	cribed in this Owner's P	eport. Furth	iermore, i	neither the Ins	spector nor	his employer shall be
Inspector's Signature	Com	missions:	A Nationa	827 I Board, State	AIN e, Province,	and Endorsements
Date:						

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OF VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

New Valve

Pg. 1 of \_2\_\_\_

١,	Manufacti	s bex	nd certified	by BNL	Indust	ries,					ernon, CT, 060	56
					_		•		IN Certificate 1			
2.	Manufactu	ned te	r <u>Southe</u>	ern Nuc	<u>lear O</u>	perati		PO Box		mingham	AL 35201	
_						-1 -	•					
3.	Location o	f inau	Hation Fai	rley Nu	clear	Plant,		State H		5, Colum	bia, AL 36319	
						Drawing HBV-A2-20-0027				· · ·		
4.	Model No.,	, Serie	is No., or T	ype <u>VA</u>	LVE	Dra	nwing			_A	_ CRN	
					10	71	W'71. N	<b>B6111</b> .1C	of W'72	7		
ΰ,	ADME COO	SME Code, Section III, Division 1:			1971 W'71, NB6111.1 (edition) (addenda deta)					(Code Case no.)		
	Pump or va	ikua	VALVE		Nominal	inlet eiza	2"		Outiet eize	2"		
•							fin.	}		(in.)		
7.	Material:	Body	<u>SA479 T</u>	<u>Y 3161</u> .	Bonnet .	<u>5a 479</u>	<u>TY316L</u>	Disk <u>SA</u>	479 TY31	<u>61.</u> Bolting	SA193GrB8/SA1	94Gr88
	<b>(#)</b>			(b)			(c)		(d)		(e)	
	Cert.			Nat'l			Body		Bonnet		Disk	
	Holder's			Board			Serial		Serial		Serial	
	Serial No.	•		No.			No.		No.		No.	
A07	0809-1-	(21	THRU 30)	>			126A-1		93A		126A	
A07	0809-1-(	31 5	THRU 32)			1	26A-2		93A		126A	
A07	0809-1-	(33	THRU 45)	)		1	126A-2		93A-1		129A	
A07	0809-1-	(46)					126A-2		93A~1		<u>129A-1</u>	
A07	0809-1-(	(47)				]	26A-2		93A-1/	<u>93A-2</u>	129A-1	
<u>A07</u>	0809-1-(	48	THRD 55)			1	126A-2		<u>93A-2</u>		129A-1	
<u>A07</u>	0809-1-(	56	<u>rhru 621</u>				126A-3		<u>93A-2</u>		129A-1	
	0809-1-(	_			·····		126A-3		93A-2		129A-2	
<u>A07</u>	0809-1-(	64	THEN 80)		<u> </u>		126A-3		<u>93A-3</u>		129A-2	
-												
											·····	
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			-									
					·····	*****						
			<u></u>									
-					·						<del>مىمى كەربىي ھىرىمىر ئەس بىر بىر مەر</del>	
			-				·····					
						**************************************					·····	
						•						
			······································			• <u>···</u>						

\* Supplemental information in form of lists, eletches, or drawings may be used provided (1) size is 8 % × 11, (2) information in items 1.through 4 on this Dets Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM NPV-1 (Back - Pg. 2 of \_2\_)

Certificate Holder's Seriel No. A070809-1-(21 THRU 80)

. Aleg. no. \_

8.	Dealgn conditions		psi	of or valve pressure class	ANST 150#	(1)
		(pressure)	(temperature)			
9.	Cold working pressure	230				
10.	Hydrostatic test425		Disk differential test pressur	320	······	. psi
11.	Remarks:					
			· · · · · · · · · · · · · · · · · · ·			
	······	·····	······································			
<u> </u>			CERTIFICATION OF DESI	GN	······································	7
De	sign Specification certified	by AN NG	UYEN P.	E. State Re	g. no15301	1

. P.E. State ....

CERTIFICATE OF COMP	LANCE
We certify that the statements made in this report are correct and that th $\checkmark$	is pump or valve conforms to the rules for construction
N Certilicate of Authorization NoN-2882	Expires11/10/10
Date <u>4-16-08 Name BNL INDUSTRIES, INC.</u> IN Certificate Holder)	Signed AR

#### CERTIFICATE OF INSPECTION

	National Board of Boller and Pressure Vessel Inspectors and
the State or Province ofCONNECTICUT	end employed byONEBEACON AMERICA INS
ofhavehave	inspected the pump, or valva, described in this Data Report on t of my knowledge and belief, the Cartificate Holder has con-
4/16/58 , and state that to the bea	t of my knowledge and belief, the Cartificate Holder has con-
structed this pump, or valve, in accordance with the ASME Co	de, Section III, Division 1.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property gamage or a loss of any kind arising from or connected with this inspection.

Date 4/16/07 Signed the P.P. Commissions NBIOGY 4, A, N. CTTLR. (Authorised respector) INET. Bd. (Incl. endorsemental and state or prov. and no.)
--

(1) For manually operated valves only.

Design Report certified by ...

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

1.	Owner:		Southern Nuclear C	Operating Co.		Date:	Nov	ember 14, 2008		
			Name		-		_	-		
	40	Inverness C	Center Parkway; Birm	ingham, AL 35242	- 5	Sheet: 1	- <sup>of</sup>	2		
~	Diante	100	Address	or Diant (ENIR)	,	Inits		FNP Unit 2		
2.	Plant:	JOS	eph M. Farley Nuclea	ar Plant (FINP)	- L	Init:				
	7388 North State Hwy 95; Columbia, AL 36319					Work Order No	P16 - 2	080118101		
	Address				Work Order No.: P16 - 2080118101 Repair/Replacement Organization PO No, Job No, etc.					
3	3. Work Performed By: FNP Maintenance Department				Type Code Symbol Stamp: N/A					
Ψ.	Name				-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		<u></u>		
	7388 North State Hwy 95; Columbia, AL 36319				А	uthorization No.:		N/A		
			Address		-			<u> </u>		
						xpiration Date:	<b></b>	N/A		
4.	Identificat	ion of Syster	n: TPNS:	Q2P16V218F (SW Retur	rn from Co	ntainment Cooler	2D Drain	Valve), ASME C	lass 3	
5.	(a) Applic	able Constru	ction Code:		Edition,	Winter 1971 * Ad	ddenda,	N/A	Code Case	
	(1) <b>a</b>			Year		0001			<u>,</u>	
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003										
	(c) Applica	able Section	XI Code Case(s):			Year N/A		- <u> </u>	····	
6.	6. Identification of Components:									
			Name of		National	Other	Year	Corrected,	ASME Code	
1	Name of C	omponent	Manufacturer	Manufacturer Serial No.	Board	Identification	Built	Removed, or	Stamped	
					No.			Installed	(Yes or No)	
	Pip		Consolidated Pipe	HT # 26963 -'	N/A	PO:7047Q62575		Removed	No	
	Val		Kerotest	DX8-21 🗡	N/A	PO: FNP2-55	1975	Removed	Yes	
	90° El	bow	Ladish	HT # ZF2B 🦯	N/A	PO:7047Q62656	1973	Removed	No	
	n:-	-	O tuite		51/6	DO: 00071007	0000	to she list		
	Pip		Sandvik BNL Industries	HT # 512741 A070809-1-23	N/A N/A	PO: QP071037 PO: QP070775	2008 2008	Installed Installed	No	
	90° El			HT # 44012 -	N/A N/A	PO: QP080237	2008	Installed	Yes	
	90 Ei	DOW	Bonney Forge	F1T # 44012 **		FU. QF080237	2008	mstaneu	No	
									· · · ·	
					·					
7.	Descriptio	n of Work:		Replaced valve	e Q2P16V	218F and upstrear	n pipina.	<u></u>		
8.	Tests Con	ducted:	Hydrostatic	Pneumatic	Nominal C	Dperating Pressure		Exempt		
		Other D Pressure:psi Test Tomp.:°F								

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)
Applicable Manufacturer's Data Reports to be attached

of the Winter 1972 Addenda.			
	of the Mintor	1072 Addondo	

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138150 for issuance of new parts.

This work was completed under MDC 2080137701.

#### 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: Ron Ich	Ron Tyler Ma Asia O Jorkins Maintenan	int. Supt. ace Team Loader Date:	1/20/09
O Owner	or Owner's Designee, Title		

С	ERTIFICATE OF INS	ERVICE IN	ISPEC	CTION		
I, the undersigned, holding a valid commis	sion issued by the Na	tional Boar	d of B	oiler and Pressure Vessel	Inspectors and the	
State or Province of General a	nd employed by	HSE	3	$\sigma$		
of HAPTPOLD, CT				have inspected the comp	conents described in this	
Owner's Report during the period	stiers8		to	1/21/09	, and state that to	
the best of my knowledge and belief, the Ow	ner has performed ex	aminations	and ta	aken corrective measures of	described in this	
Owner's Report in accordance with the requir	rements of the ASME	Code, Sec	tion X	<b>I.</b> .		
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be 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		-	Na	tional Board, State, Provin	ce, and Endorsements	
Date: 1/2//09						

### New Value

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

#### Pg. 1 of \_2\_\_\_

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	•		iname and address	of N Certificate Holder)	
. Manufactured for So	outhern Nuc.	lear Operatin	a Co., PO Boz	x 1295, Birmingham	AL 35201
			(name and address of		
3. Location of installistic	n Farley Nu	clear Plant,	7388 N State	Highway 95, Colum	nbia, AL 36319
			(name and i	eddrees)	
. Model No., Series No	or Type VA	LVE Dra	HBV-A2-20	-0027 A	CRN
					•
5. ASME Code, Section	III, Division 1:	1971	W'71, NB6111.	LC of #'72 3	
		(edition)	ladenda date		(Code Case no.)
. Pump or valve VA	LVE	Nominal inlet size.	2"	Outlet size 2"	
			(in.)	fin.	
. Material: Body SA4	79 TY 316L	Bonnet SA 479	TY316L Disk S	A 479 TY316L Bohin	SA193GrB8/SF
(m)	(b)		(c)	(d)	(e)
Cert.	Nat'i		Body	Bonnet "	Disk
Holder's	Board		Serial	Serial	Serial
Serial No."	No.		No	No	No.
070809-1-(21 THR	<u>U 30)</u>		126A-1	93A	126A
	<u>J 32)</u>		26A-2	93A	126A
070809-1-(33 THR	U_45)		.26A-2	<u>93A-1</u>	129A
70809-1-(46)			26A-2	<u>93A-1</u>	129A-1
70809-1-(47)			26A-2	<u>93A-1/93A-2</u>	<u>129A-1</u>
070809-1-{48 THR	······································		26A-2	<u>93A-2</u>	129A-1
<u>)70809-1-(56 THR</u>	0 621		26A-3	<u>93A-2</u>	<u>129A-1</u>
<u>)70809-1-(63)</u>			26A-3	<u>93A-2</u>	129A-2
70809-1-(64 THR	0 80}	······	126A-3	93A-3	129A-2
			·	······	
	~ <u></u>		•		
	•				
	······································		<u> </u>		
<u> </u>	· · · · · · · · · · · · · · · · · · ·				
			********************************		
		······			
				······	

\* Supplemental information in form of liggs, attaches, or drawings may be used provided (1) size is 8½ × 11, (2) information in items 1.through 4 on this Dets Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

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This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

#### FORM NPV-1 (Back - Pg. 2 of \_2\_)

Certificate Holder's Serial No. A070809-1-(21 THRU 80)

QAR

(authorized representative)

	of or velve pressure class ANST 150#	
9. Cold working pressure230 pai at 100	•	
0. Hydrostatic teat <u>425</u> psi. Disk differentia	tast pressure320	- pe
1. Remarks:	·	
	ر می این این رو بایی در این	
CERTIFICAT	ion of design	
Design Specification certified byAN_NGUYEN	P.E. State AL Reg. no. 15301	
Design Report certified by	P.E. State Reg. no.	-
*		
CERTIFICATE	OF COMPLIANCE	
Ne certify that the statements made in this report are correct :	and that this pump or valve conforms to the rules for constructi	on
of the ASME Code, Section III, Division 1.		
N Certificate of Authorization No. N-2882	11/10/10	

CE	ATIFICATE OF INSPECTION
the State or Province of <u>CONNECTICUT</u> of <u>LYNN, MASS</u>	sued by the National Board of Boller and Prassure Vessel Inspectors and and employed by <u>ONEBEACON AMERICA INS</u> have inspected the pump, or valve, described in this Data Report on at to the best of my knowledge and belief, the Certificate Holder has con-
structed this pump, or valve, in accordance with th	
component described in this Date Report. Furthern	or his employer makes any warrenty, expressed or implied, concerning the nore, neither the inspector nor his employer shall be liable in any manner for any kind arising from or connected with this inspection.
Date 414/07 Signed Kant to	Commissions NB10644 A.N. CTT262

BNL INDUSTRIES, INC. (N Certificate Holder) Signed 2

(1) For manually operated valves only.

Date 4-16-08

Name

.....

£

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

1.	Owner:		Southern Nuclear C	Operating Co.	D	ate:	Nov	ember 14, 2008	
			Name		-				
	40	Inverness C	enter Parkway; Birm	ingham, AL 35242	- <sup>S</sup>	heet: 1	_ of	2	
			Address						
2.	Plant:	Jos	eph M. Farley Nucle	ar Plant (FNP)	- 0	hit:		FNP Unit 2	
			Name				<b>B</b> 44		
		7388 North	State Hwy 95; Colur	nbia, AL 36319		Work Order No.:			
^			Address	Distant and	т	Repair/Replacem	-		
3.	Work Performed By: FNP Maintenance Department			-	ype Code Symbol	Stamp:	N/.	A	
	<i>Name</i> 7388 North State Hwy 95; Columbia, AL 36319				А	uthorization No.:		N/A	
			Address		-				····
			, laurooo		E	xpiration Date:		N/A	
4.	Identificati	on of Syster	n: TPNS	5: Q2P16V218G (SW Sup	ply to Con	tainment Cooler 2	D Drain '	Valve), ASME Cla	ass 3
			-						
5.	(a) Applica	able Constru	ction Code:		Edition, V	Winter 1971 * Ac	idenda,	N/A	Code Case
				Year		0004			~
	(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Addenda: 2003								
	(c) Applied	his Costion	VI Code Coop(a)			Year N/A			
	(c) Applica	ible Section	XI Code Case(s):			1W/A		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	
6.	Identificati	on of Compo	onents:						
			I		National			Corrected,	ASME Code
	Name of Co	omponent	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
			Wandacture		No.	Identification	Duit	Installed	(Yes or No)
	Pip	e	Quanex GST	HT # 285192	N/A	PO: QP1799	1987	Removed	No
	Valv	/e	Kerotest	DX9-22	N/A	PO: FNP2-55	1975	Removed	Yes
	Pip	е	Sandvik	HT # 512741	N/A	PO: QP071037	2008	Installed	No
	Valv	/e	BNL Industries	A070809-1-29 🖌	N/A	PO: QP070775	2008	Installed	Yes
	·····								
							<u> </u>		l
			l						
7.	Description	n of Work:		Replaced valv	e Q2P16V2	218G and upstrear	n piping		
8.	Tests Con	ducted:	Hydrostatic	Pneumatic	Nominal C	perating Pressure	V	Exempt	
			Other	Pressure:	ps	i Test Tem	np.:	۰F	

Applicable Manufacturer's Data Reports to be attached

9. Remarks \* Applicable Construction Code: ASME Section III, 1971 Edition with Winter 1971 Addenda, including Para. NB 6111.1(c)

of the Winter 1972 Addenda.

Piping Specification SS1109-02 allows piping to use an appllicable construction code of ASME Section III, 1971 Ed. thru 2000 Ed.

Reference Transaction Number 138163 for issuance of new parts.

This work was completed under MDC 2080137701.

#### CERTIFICATE OF COMPLIANCE

I certify that the statements made in th	e report are correct and that this cor	forms to the requirements of th	ne ASME Code, Section XI.
Type Code Symbol Stamp:		N/A	
Certificate of Authorization No.:	N/A	Expiration Date:	N/A
Signed: Re Jik	Ron Tike Main Asia O. Jerkins, Maintenanc	t S-pt. <del>- Team Leade</del> r Date:	1/20/09
Ownei	or Owner's Designee, Title		

CERTIFICATE	OF INSERVICE I	NSPECTI	ON		
I, the undersigned, holding a valid commission issued by	y the National Boa	rd of Boile	er and Pressure	e Vessel Inspecto	rs and the
State or Province of CHONGIA and employed	by HSB	, ,	T		
of HAATTORD, CT		h	ave inspected	the components c	lescribed in this
Owner's Report during the period 812	1/08	to	1/2009	, а	nd state that to
the best of my knowledge and belief, the Owner has perfor	rmed examinations	and take	n corrective m	easures described	t in this
Owner's Report in accordance with the requirements of the	e ASME Code, Sec	tion XI.			
By signing this certificate neither the Inspector nor his en examinations and corrective measures described in this Or liable in any manner for any personal injury or property dar	wher's Report. Fu	rthermore	, neither the In	spector nor his en	nployer shall be
Inspector's Signature	Commissions:	GA		AIN e, Province, and E	Endorsements
		(ano)	ar board, olai	e, i iovince, and i	Lindorsements
Date: 1/21/07					

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

New Valve

Pg. 1 of \_2\_\_\_

1.	Manufactured and	certified by BNL	Industries,				, Verno	n, CT, D60	266
2.	Manufactured for	Southern Nuc	lear Operatii	ng Co., PC	Box 1295,		ham, AL	35201	-
3.	Location of installe	tion <u>Farley Nu</u>	clear Plant,	7388 N SI	ate Highwa	<u>v 95, Co</u>	<u>lumbia</u> ,	AL 36319	-
4.	Model No., Series I	No., or Type <u>VA</u>	LVE Dra	HBV-A	e and address) 2-20-0027 Rev	. <u> </u>	CR	N	-
б.	ASME Code, Section	on III, Division 1:		and the second se	وتراجيهي متالا ليتجز بالجاد جيهي ويعاقا	72 <u>3</u> (ciess)		ode Case no.)	-
6.	Pump or valva. <u>V</u>	ALVE	Nominal inlet siza.	<u>2"</u> (in.)			2 == (in.)	-	
7.	Material: Body S	A479 TY 316L	Bonnet SA 479	TY316L C	Hisk <u>SA 479 T</u>	<u> X3161</u> в	olting <u>SA1</u>	93GrB8/SA1	94Gr8B
	(a) Cert. Holder's Serial No.	(b) Nat'l Board No.		(c) Body Serisi No.	Bon	net risi		(o) Disk Seriel No.	
A07	0809-1-(21 TH	IRU 30)	······	126A-1	93	A.		126A	-
		The second s							•
_		the second s		ويتبينها والمتحد والمتحد والمتحد والمتحد والمتحد		-1			-
A07	0809-1-(46)								-
_	and the second sec		and the second s						•
A07	0809-1-(48 TH	RU 55)	and the second se					129A-1	•
					93/	4-2		129A-1	-
A07	0809-1-(63)		1	26A-3	93/	A-2		129A-2	
A07	0809-1-(64 TH	RU 80)	1	26A-3	931	4-3		129A-2	
					-				•
****		**************************************					`	· · · · · · · · · · · · · · · · · · ·	,
		·			-	······································			•
	Iddition     Iaddends date)     Ictianal       (code Case nc.)       (in.)								
						······································	·····		
		······							

\* Supplemental information in form of lists, exercises, or drawings may be used provided (1) size is 8 ½ × 11, (2) information in items 1.through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Feirfield, NJ 07007-2300.

#### FORM NPV-1 (Back - Pg. 2 of \_2\_)

				Certificate Holder's Seriel No.	<u>A070809-1-(21</u>	. THRU	80)
8.	Design conditions	(pressure)	psi	.°F or valve pressure classA	NST 150#	(1)	
9.	Cold working pressure	230	psi at 100°F				
10.	Hydrostatic test	psi.	Disk differential test pressure.	320	psi		
11,	Remarks:						
					······································		

	CERTIFICATION OF DESIGN										
	Design Specification certified byAN_NGUYENP.E. StateAL Reg. no15301										
l	Design Report certified by P.E. State Reg. no										

CERTIFICATE OF COMPLIANCE									
We certify that the statements made in this report are correct and that thi of the ASME Code, Section III, Division 1. N Certificate of Authorization NoN-2882	is pump or valve conforms to the rules for construction Expires <u>11/10/10</u>								
Date <u>4-16-08 Name BNL INDUSTRIES, INC.</u> (N Certificate Holder)	Signed QAR								

CERTIFICATE OF INSPECTION							
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspec the State or Province of <u>CONNECTICUT</u> and employed by <u>ONEBEACON AMERICA INS</u>	<u>}</u>						
of <u>LYNN, MASS</u> <u>4/17/02</u> , and state that to the best of my knowledge and belief, the Certificate Holder has structed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.							
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, conce component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any me any personal injury or property damage or a loss of any kind arising from or connected with this inspection.							
Date 414/07 Signed the P. Commissions NB10644, A.N. MILLE	and no.]						

(1) For manually operated valves only.

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

1.	1. Owner: Southern Nuclear Operating Co.				C	Date:	м	arch 19, 2008	
			Name		-				
	40	Inverness C	Center Parkway; Birm	ingham, AL 35242	-	Sheet: 1	of	2	
			Address						
2.	Plant:	Jos	seph M. Farley Nucle	ar Plant (FNP)	- L	Jnit:		FNP Unit 2	
			Name			_			
		7388 North	State Hwy 95; Colun	nbia, AL 36319		Work Order No.:			
			Address			Repair/Replacem	-		
З.	Work Per	formed By:		nance Department	- Т	ype Code Symbol	Stamp:	N/	A
			Name						
	<u></u>	7388 North	State Hwy 95; Colun	nbia, AL 36319	- A	uthorization No.:		N/A	
			Address		E	expiration Date:	-	N/A	
4.	Identificat	ion of Syster	m: TPNS	: Q2P16V631 (2B Service	e Water Po	ump Vac. Breaker	Isolation	), Line # P16HBC	200
		·····							
5.	(a) Applica	able Constru	ction Code:	Section III , 1971 *	Edition, S	iummer 1971 * Ac	idenda,	N/A	Code Case
				Year		<u></u>		·····	-
	(b) Applica	able Edition	of Section XI Used for	or Repair/Replacement Ac	ctivity:	2001 Ad	Idenda:	200	3
						Year			
	(c) Applica	able Section	XI Code Case(s):			N/A			
6.	Identificati	ion of Comp	onents:						
					National	Other	Veee	Corrected,	ASME Code
N	lame of Co	omponent	Name of Manufacturer	Manufacturer Serial No.	Board	Other Identification	Year Built	Removed, or	Stamped
			Manulacturer		No.	Mertimodulori	Duint	Installed	(Yes or No)
	2" P	ipe	U.S Steel Corp.	HT # N75584	N/A	PO:7047-Q-62573	1973	Removed	No
	Supp	ort	Daniel's Const.	SS-10879	N/A	N/A (PO: Unk.)	1976	Removed	No
	2* Pi	pe	Michigan Seamless	HT # 1M35684	N/A	PO: QP040263	2003	Installed	No
	3/8" U	-Bolt	Anvil Corp.	F137	N/A	PO: QP040947	Unk.	Installed	No
***									
7. 1	Descriptio	n of Work:	Replaced s	ection of pipe (and suppo	rt) just ups	stream of valve Q2	P16V631	1, in line P16HBC	-200.
8	Tests Con	ducted:	Hydrostatic	Pneumatic	Nominal C	Operating Pressure	V	Exempt	
			Other	Pressure:	ps	si Test Tem	ip.:	°F	

9. Remarks \* The applicable construction code for the pipe was ASME Section III, 1971 Edition with Summer 1971 Addenda. The

Reference Transaction Number 129307 f	or issuance of new parts.		
			······
·····			
			·····
			······································
	CERTIFICATE OF COMPL	IANCE	
I certify that the statements made in th	e report are correct and that this co	onforms to the requireme	ents of the ASME Code, Section
• • • • • • • • • • • • • • • • • • • •		•	
vpe Code Symbol Stamp;		N/A	
ype Code Symbol Stamp:	<u></u>	N/A	
ype Code Symbol Stamp:	N/A	N/A Expiration D	Pate:N/A
ertificate of Authorization No.:		Expiration D	
ertificate of Authorization No.:	Asia O. Jerkins, Maintenan	Expiration D	Pate: N/A ate: 12/23/08
igned:		Expiration D	
Certificate of Authorization No.:	Asia O. Jerkins, Maintenan	Expiration D	
Certificate of Authorization No.:	Asia O. Jerkins, Maintenan	Expiration D	
Certificate of Authorization No.:	Asia O. Jerkins, Maintenan or Owner's Designee, Title CERTIFICATE OF INSERVICE I	Expiration D	ate: 12/23/08
Certificate of Authorization No.: igned: Owner 4, the undersigned, holding a valid com	Asia O. Jerkins, Maintenan or Owner's Designee, Title CERTIFICATE OF INSERVICE I	Expiration D	ate: 12/23/08
Sertificate of Authorization No.:	Asia O. Jerkins, Maintenan or Owner's Designee, Title CERTIFICATE OF INSERVICE I mission issued by the National Boa	Expiration D ce Team Leader D NSPECTION ard of Boiler and Pressur	ate: 12/23/08
igned: , the undersigned, holding a valid com tate or Province of <u>GERMIA</u>	Asia O. Jerkins, Maintenan or Owner's Designee, Title CERTIFICATE OF INSERVICE I mission issued by the National Boa	Expiration D ce Team Leader D NSPECTION ard of Boiler and Pressur	ate: <u>12/23/08</u> e Vessel Inspectors and the

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

(4.827 Commissions: 41 N Inspector's Signature National Board, State, Province, and Endorsements Date:

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

1. Owner:		Southern Nuclear C	D	ate:	Nov	November 12, 2008		
		Name		-				
40	Inverness C	enter Parkway; Birm	ingham, AL 35242	. S	heet: 1	of	2	
0.0	•	Address			1			
2. Plant:	Jos	eph M. Farley Nuclea	ar Plant (FNP)	- 0	Init:		FNP Unit 2	
	7000 Math	Name			Work Order No.	D16 0	100010001	
	7388 North	State Hwy 95; Colum	1DIA, AL 36319				nization PO No,	Job No. ato
3. Work Perf	ormed By:	Address ENP Mainter	nance Department	т	ype Code Symbol	-	nization PO N0, N/	
S. WORLTCH	onned by.	Name		- '	ype code cymb	or otamp.		
	7388 North	State Hwy 95; Colum	bia. AL 36319	А	uthorization No.:	:	N/A	
		Address		•			·····	
		144,666		E	xpiration Date:		N/A	
4. Identificati	on of Syster	n:	TPN	IS: Q2P16	(service water p	iping)		
5. (a) Applica	able Constru	ction Code:	Section III , 1971	Edition, S	Summer 1971	Addenda,	N/A	Code Case
			Year					•
(b) Applica	able Edition	of Section XI Used fo	r Repair/Replacement Ac	tivity:	2001	Addenda:	200	3
					Year			
(c) Applica	able Section	XI Code Case(s):			N/A			
6. Identificati	on of Compo	onents:						
Name of Co	moonent	Name of	Manufacturer Serial No.	National Board	Other	Year	Corrected, Removed, or	ASME Code Stamped
	ponone	Manufacturer		No.	Identification	Built	Installed	(Yes or No)
Half-Cou	pling **	Daniel Construction	Q2P16-HBC-207-2	N/A	None	1977	Removed	Yes
					· • · · · · · · · · · · · · · · · · · ·		····	
Half-Co	upling	Bonney Forge	9174	N/A	PO: QP01076	5 2001	Installed	No
	····							
	· ·							
· · · · · · · · · · · · · · · · · · ·	<u></u>					_		
	-							
						_	<del></del>	
	-	1						
		l				<u> </u>	·····	
7. Description	n of Work:	<u></u>	Replaced h	alf-couplin	g in a service wa	iter line.		
8. Tests Con	ducted:	Hydrostatic	Pneumatic	Nominal C	Operating Pressu	ire 🔽	Exempt	0
		Other	Pressure:	ps	si Test Te	emp.:	۶۴	

9. Remarks \*\* Daniels Construction originally fabricated/installed the line in which this coupling is installed. The serial number identifies

this line and the ASME code stamping	Applicable Manufacturer's Data Re also refers to the line. The PO nun		upling.
Reference Transaction Number 14498	) for issuance of new coupling.		
Mart 1994 Mart 1994 Mart 1997			
			,
	<u>Mudduluuluuluuluuluuluuluuluuluuluuluuluu</u>		
	CERTIFICATE OF COM	PLIANCE	
I certify that the statements made in	the report are correct and that this	conforms to the requirements of the	e ASME Code, Section
Type Code Symbol Stamp:		N/A	
Castificate of Authorization No.	N//A	Evoiration Data	N/A
Certificate of Authorization No.:	N/A	Expiration Date:	IN/A
Signed:	Asia O. Jerkins, Maintena	ince Team Leader Date:	e chales
	er or Owner's Designee, Title		719:0
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	CERTIFICATE OF INSERVICE	INSPECTION	
I, the undersigned, holding a valid co	mmission issued by the National B	oard of Boiler and Pressure Vessel	Inspectors and the
State or Province of	and employed by HSB	a	
of HARTFORD, CT		have inspected the comp	ponents described in th
Owner's Report during the period	11/108	to 1/ps/pg	, and state that t
the best of my knowledge and belief, th	e Owner has performed examinatic	ns and taken corrective measures	described in this

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

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

ector's Signature

Commissions:

AND AND AND National Board, State, Province, and Endorsements

Date:

# Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

۰.

				Job Number					
				P16-DCP-	20722068	01-01	Sheet	1 of 2	
erness Center Parky gham, Alabama 352	ng Company vay 242	Far Hig	hway 9	5 South	319		Date	FNP 2	
ormed by	· · · · ·			Type Code S	Symbol S	-		1/5/08	
outhern Nuclear Ope	rating Company Plant N	<u>lodifications</u>		Authorizatio	on Numb				
<u>Joseph M.</u>	<u>Farley Nuclear Plant</u>			Expiration I	Date	N/A			
on of System	Q2P16	- SERVICE W	VATER			<u></u>			
onstruction Code:	ASME SECTION III Repairs Or Replacements,	$ \begin{array}{c c} 19 & 71 \\ 20 & 01 \end{array} $					N/A N/A	Code Case Code Case	
on of Components H Name of Manufacturer	Repaired or Replaced Manufacturer Serial Number	and Replace National Board No.		Other	Year Built	Replac	ed, or	ASME Code Stamped (Yes / No)	
HAMMEL DAHL	72/9733/050R I	N/A	F	NP-2-52	1976	REPLA	CED	YES	
FISHER	18536234	7557	Q	P080054	2008	REPLACE	MENT	YES	
NORTH AMERICAN STAINLESS	822169	N/A	Q	P060645	2006	REPLA	CED	NO	
JESSOP STEEL	38285	N/A	(	QP5160	1990	REPLACE	MENT	NO	
NOVA MACHINE PRODUCTS	59412	N/A	QI	P070180	2006	REPLACEM	IENT	NO	
ated per workorder 20	072206802 and DCP 207	2206801.	No	ne [] Oth	er				
	erness Center Parky gham, Alabama 35: nt for Alabama 35: ormed by outhern Nuclear Ope <u>Joseph M.</u> <u>Joseph M.</u> on of System onstruction Code: cection X1 Utilized For I on of Components H Manufacturer HAMMEL DAHL FISHER HAMMEL DAHL FISHER NORTH AMERICAN STAINLESS JESSOP STEEL NOVA MACHINE PRODUCTS	rn Nuclear Operating Company gham, Alabama 35242 nt for Alabama Power Company) ormed by outhern Nuclear Operating Company Plant M Joseph M. Farley Nuclear Plant Joseph M. Farley Nuclear Plant Q2P16 on of System Q2P16 on of System Q2P16 on of Components Repaired or Replaced Name of Manufacturer Manufacturer Serial Number HAMMEL DAHL FISHER I8536234 NORTH AMERICAN STAINLESS JESSOP STEEL JESSOP STEEL NOVA MACHINE PRODUCTS Work eplaced per workorder 2072206804 and DCP ad	Primess Center Parkway gham, Alabama 35242 nt for Alabama 35242 normed by       Hig Col         outhern Nuclear Operating Company Plant Modifications         Joseph M. Farley Nuclear Plant         on of System         Q2P16- SERVICE W         onstruction Code:       ASME SECTION III       19       71         period System       Q2P16- SERVICE W         on of System       Q2P16- SERVICE W         on of Components Repairs Or Replacements,       20       01         period Components Repaired or Replaced and Replaced       National Board No.         HAMMEL DAHL       72/9733/050R1       N/A         HAMMEL DAHL       72/9733/050R1       N/A         FISHER       18536234       7557         NORTH AMERICAN       822169       N/A         JESSOP STEEL       38285       N/A         NOVA MACHINE PRODUCTS       59412       N/A         Work       Eplaced per workorder 2072206804 and DCP 2072206801. ated per workorder 2072206802 and DCP 2072206801.       1	rn Nuclear Operating Company rness Center Parkway gham, Alabama 35242 nt for Alabama 35242 columbia, attern Nuclear Operating Company Plant Modifications Joseph M. Farley Nuclear Plant On of System Q2P16- SERVICE WATER On of System Q2P16- SERVICE WATER On of Components Repaired or Replaced and Replacement C Name of Manufacturer National Board Ider No. Ider Manufacturer Serial Number National HAMMEL DAHL FISHER 18536234 7557 Q NORTH AMERICAN 822169 N/A JESSOP STEEL 38285 N/A Q NOVA MACHINE 59412 N/A Q Work eplaced per workorder 2072206804 and DCP 2072206801. ated per workorder 2072206804 and DCP 2072206801.	P16-DCP-         rn Nuclear Operating Company pham, Alabama 35242 in for Alabama Power Company)       2. Plant       Farley Nuclear Plant Highway 95 South Columbia, Alabama 363         ormed by outhern Nuclear Operating Company Plant Modifications Loseph M. Farley Nuclear Plant       Type Code S         Q2P16- SERVICE WATER       Authorization Expiration I         on of System       Q2P16- SERVICE WATER         onstruction Code:       ASME SECTION III Serial Number       19       71       Edition       SUMMER 2003         on of Components Repaired or Replaced and Replacement Components:       Name of Manufacturer       National Board       Other Identification         Mamufacturer       Serial Number       National Board       Other Identification         HAMMEL DAHL       729733/050R1       N/A       FNP-2-52         FISHER       18536234       7557       QP080054         NORTH AMERICAN       822169       N/A       QP060645         JESSOP STEEL       38285       N/A       QP5160         NOVA MACHINE PRODUCTS       59412       N/A       QP070180	PI6-DCP-20722068       rn Nuclear Operating Company prress Center Parkway gham, Alabama 35242 nt for Alabama 35242 nt for Alabama 35242       Type Code Symbol S Columbia, Alabama 36319       Type Code Symbol S Authorization Numb Loseph M. Farley Nuclear Plant       Joseph M. Farley Nuclear Plant Loseph M. Farley Nuclear Plant       Operating Company Plant Modifications Loseph M. Farley Nuclear Plant       Data System       Operating Company Plant Modifications       Joseph M. Farley Nuclear Plant       Operating Company Plant Modifications       Joseph M. Farley Nuclear Plant       Operating Company Plant Modifications       Number <td colsp<="" td=""><td>P16-DCP-2072206801-01       rn Nuclear Operating Company gham, Alabama 35242 nt for Alabama 35242     Farley Nuclear Plant Highwa 95 South Columbia, Alabama 36319       ormed by outhern Nuclear Operating Company Plant Modifications Joseph M. Farley Nuclear Plant     Type Code Symbol Stamp N/A       Authorization Number N/A     N/A       Joseph M. Farley Nuclear Plant     N/A       on of System     Q2P16- SERVICE WATER       onstruction Code:     ASME SECTION III Section XI Utilized For Repairs Or Replacements.     19       On of Components Repaired or Replaced and Replacement Components:     Addenda, Addenda, Diamina Components       Name of Manufacturer     Manufacturer Serial Number     National Board No.     Other Jentification     Year Buil Replace Replaced       HAMMEL DAHL     729733050R1     N/A     FNP-2-52     1976     REPLACE       NORTH AMERICAN     822169     N/A     QP0606645     2006     REPLACE       NOVA MACHINE     59412     N/A     QP070180     2006     REPLACE       NOVA MACHINE     59412     N/A     QP070180     2006     REPLACEM</td><td>P16-DCP-2072206801-01     Sneet       rn Nuclear Operating Company rmess Center Parkway gham, Alabama 35242 nt for Alabama Power Company     2. Plant Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319     Unit Jose N/A       ormed by outhern Nuclear Operating Company Plant Modifications Joseph M. Farley Nuclear Plant Modifications     Type Code Symbol Stamp N/A     Date       Authorization Number N/A     N/A     N/A     Expiration Number N/A     N/A       on of System     Q2P16- SERVICE WATER     N/A     N/A       on of Components Repairs Or Replacements, Section XI Utilized For Repairs Or Replaced and Replacement Components:     SUMMER 71 Addenda, N/A     Addenda, N/A       Name of Manufacturer     Manufacturer Serial Number     National Board No.     Other Identification     Built Replaced, or Replaced, or Replaced, or Replaced, or Replaced, or Replaced, or Replaced, or Statistick Science       NAMMEL DAHL     7209733050R1     N/A     FNP-2-52     1976     REPLACED       NORTH MAERICAN STARNESS     822169     N/A     QP060645     2006     REPLACEMENT       NOVA MACHINE Status     38285     N/A     QP070180     2006     REPLACEMENT       NOVA MACHINE Status     39412     N/A     QP070180     2006     REPLACEMENT</td></td>	<td>P16-DCP-2072206801-01       rn Nuclear Operating Company gham, Alabama 35242 nt for Alabama 35242     Farley Nuclear Plant Highwa 95 South Columbia, Alabama 36319       ormed by outhern Nuclear Operating Company Plant Modifications Joseph M. Farley Nuclear Plant     Type Code Symbol Stamp N/A       Authorization Number N/A     N/A       Joseph M. Farley Nuclear Plant     N/A       on of System     Q2P16- SERVICE WATER       onstruction Code:     ASME SECTION III Section XI Utilized For Repairs Or Replacements.     19       On of Components Repaired or Replaced and Replacement Components:     Addenda, Addenda, Diamina Components       Name of Manufacturer     Manufacturer Serial Number     National Board No.     Other Jentification     Year Buil Replace Replaced       HAMMEL DAHL     729733050R1     N/A     FNP-2-52     1976     REPLACE       NORTH AMERICAN     822169     N/A     QP0606645     2006     REPLACE       NOVA MACHINE     59412     N/A     QP070180     2006     REPLACE       NOVA MACHINE     59412     N/A     QP070180     2006     REPLACEM</td> <td>P16-DCP-2072206801-01     Sneet       rn Nuclear Operating Company rmess Center Parkway gham, Alabama 35242 nt for Alabama Power Company     2. Plant Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319     Unit Jose N/A       ormed by outhern Nuclear Operating Company Plant Modifications Joseph M. Farley Nuclear Plant Modifications     Type Code Symbol Stamp N/A     Date       Authorization Number N/A     N/A     N/A     Expiration Number N/A     N/A       on of System     Q2P16- SERVICE WATER     N/A     N/A       on of Components Repairs Or Replacements, Section XI Utilized For Repairs Or Replaced and Replacement Components:     SUMMER 71 Addenda, N/A     Addenda, N/A       Name of Manufacturer     Manufacturer Serial Number     National Board No.     Other Identification     Built Replaced, or Replaced, or Replaced, or Replaced, or Replaced, or Replaced, or Replaced, or Statistick Science       NAMMEL DAHL     7209733050R1     N/A     FNP-2-52     1976     REPLACED       NORTH MAERICAN STARNESS     822169     N/A     QP060645     2006     REPLACEMENT       NOVA MACHINE Status     38285     N/A     QP070180     2006     REPLACEMENT       NOVA MACHINE Status     39412     N/A     QP070180     2006     REPLACEMENT</td>	P16-DCP-2072206801-01       rn Nuclear Operating Company gham, Alabama 35242 nt for Alabama 35242     Farley Nuclear Plant Highwa 95 South Columbia, Alabama 36319       ormed by outhern Nuclear Operating Company Plant Modifications Joseph M. Farley Nuclear Plant     Type Code Symbol Stamp N/A       Authorization Number N/A     N/A       Joseph M. Farley Nuclear Plant     N/A       on of System     Q2P16- SERVICE WATER       onstruction Code:     ASME SECTION III Section XI Utilized For Repairs Or Replacements.     19       On of Components Repaired or Replaced and Replacement Components:     Addenda, Addenda, Diamina Components       Name of Manufacturer     Manufacturer Serial Number     National Board No.     Other Jentification     Year Buil Replace Replaced       HAMMEL DAHL     729733050R1     N/A     FNP-2-52     1976     REPLACE       NORTH AMERICAN     822169     N/A     QP0606645     2006     REPLACE       NOVA MACHINE     59412     N/A     QP070180     2006     REPLACE       NOVA MACHINE     59412     N/A     QP070180     2006     REPLACEM	P16-DCP-2072206801-01     Sneet       rn Nuclear Operating Company rmess Center Parkway gham, Alabama 35242 nt for Alabama Power Company     2. Plant Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319     Unit Jose N/A       ormed by outhern Nuclear Operating Company Plant Modifications Joseph M. Farley Nuclear Plant Modifications     Type Code Symbol Stamp N/A     Date       Authorization Number N/A     N/A     N/A     Expiration Number N/A     N/A       on of System     Q2P16- SERVICE WATER     N/A     N/A       on of Components Repairs Or Replacements, Section XI Utilized For Repairs Or Replaced and Replacement Components:     SUMMER 71 Addenda, N/A     Addenda, N/A       Name of Manufacturer     Manufacturer Serial Number     National Board No.     Other Identification     Built Replaced, or Replaced, or Replaced, or Replaced, or Replaced, or Replaced, or Replaced, or Statistick Science       NAMMEL DAHL     7209733050R1     N/A     FNP-2-52     1976     REPLACED       NORTH MAERICAN STARNESS     822169     N/A     QP060645     2006     REPLACEMENT       NOVA MACHINE Status     38285     N/A     QP070180     2006     REPLACEMENT       NOVA MACHINE Status     39412     N/A     QP070180     2006     REPLACEMENT

## Form NIS-2 Owner's Report for Repairs or Replacements . As required by the provisions of the ASME Code Section XI

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	Job Number	
	P16-DCP-2072206801-01	Sheet 2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
New stud material for new Fisher Control Valve (Q2P16V560): Studs (20) manufactured by Nova Machine Products, Heat #59412, 1 1/8" x 8 TPI x 6" ASME SA1	93 B7, Transaction # 146070	
Valve transaction # 143582 Plate transaction # 142719; Spacer plate was fabricated per work order 2072206802 and was replace	ed per work order 2072206804.	
VT-2 leak test performed per work order 2072206804		
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Certificate	Certificate of Compliance							
We certify that the statements made in the report are correct and this ASME Code, Section XI.	replacement repair or replacement	conforms to the rules of the						
Type Code Symbol Stamp	N/A							
Certificate of Authorization Number N/A	Expiration Date	N/A						
Signed Rocheman Pl Owner or Owner's Designee, Titl	ant MODS Supervisor Date	1/12/09						

Certifi	cate of Inserv	ice Inspe	ction	
I, the undersigned, holding a valid commission issued or Province of and em 	aployed by as performed examples of the ASME Co is employer make his Owner's Repo	to minations and de, Section any warra rt. Furthern	have inspected the have inspecte	of components described , and state that es described in this concerning the nor his employer shall
Date 1/20/09	Commissions	Net 12 Na	364 GA 827 A ational Board, State, Province,	and an

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of \_\_\_\_\_2

۱.	Manufactured and c	crtified byFIS	HER CONTROLS I	NT'L LLC, VALVE DI (1	VISION, 205 S. C	CENTER STREET, M. of N Certificate Holder	ARSHALLI 1)	10WN, 1A. 5	0158
2.	Manufactured for	Alabama Power Co	o, PO Box 830960, E	Sirmingham, AL 35283	3				
	_				and address of Pu	rchaser)		,,	
	· .• .•		DI . 17 . 64 B	1 (1) 11 Alaba					
3.	Location of installat	ion Farley Nucl	car Plant, Hwy 95 So	outh, Columbia, Alabar	(name and add			. <u> </u>	
					(name and add	(655)			
4.	Model No., Series N	lo., or Type	A31A	Drawing	GE3824	9 Rev.	<u> </u>	CRN	<u>N/A</u>
5.	ASME Code, Sectio	n III Division I	1971	Summ	Summer 1972			N	i/A
	(edition)			and the second se	da date)	<u>3</u> (class)		(Code Case no.)	
6.	Pump or valve	VALVE	Nominal inlet size	20	Outlet size	20			
	-	پر هستین ۵۰ شوی و دین و در بین در بین میک بین در این و مالی و	Suc	(in.)		(in.)			
7.	Material: Body -	SA216 WCC	Gasket Retainer	SA516-70	Disk	SA351 CF8M	Bolting		SA 193 B7 SA 194 2H
	(a) (b) Cert. Nat'l Holder's Board		it'l ard	(c) Body Serial No.		(d) Gasket Retainer Serial No.		(c) Disk Serial No. BH3822-1	
Serial No		N	and the second design of the s						
		7557		BH3820-1		815884-1		BrD822-1	
		**************************************				<u></u>			· ····
	······································	**************************************							14- 11.
					· ·				
	······································			Stud		Nut			
<u>.</u>	· · · · · · · · · · · · · · · · · · ·			Serial No.		Serial No.	··	<del></del>	
				547421-1 thr	1-4	547420-1 thru -	.A.		
		••••••••••••••••••••••••••••••••••••••						••••••••••••••••••••••••••••••••••••••	
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		FORM NF	PV-1 (Back	- Pg. 2 of	2)			
					Certificate Holde	r's Serial No.	1853	6234
8.	Design conditions	150 (pressure)	psi	200 (temperature)	•F or valve press	re class	N/A	(1)
9.	Cold working pressure	275		psi at 100°F				
10.	Hydrostatic test	450 1	psi. Disk diffe	rential test pressure		N/A		I
11. 		ME BPVC Sec III, Di ME BPVC Sec III, Div						·
						•		
			CER	TIFICATION OF D	ESIGN			
	Specification certified by Report certified by	Mohi N/A	inder Nøyyar		P.E. State P.E. State	VA N/A	Reg. no. Reg. no.	011506 N/A
	ify that the statements made in	a this report are correc	ct and that this	FICATE OF COMP	ms to the rules for cor	struction of the A		i III, Divien 1.
No.	icate of Authorization		1929		Expires		10-27-2010	1
Date	9-11-08 Nam	FISHER CON		L LLC N Certificate Holder)		Signed		Vald representative
							· · · · · · · · · · · · · · · · · · ·	
			CERT	IFICATE OF INSPE	CTION			
l, the un Province	dersigned, holding a valid con	nmission issued by the	e National Bo	ard of Boiler and Press	ure Vessel Inspectors	and the State or	lowa	
and emp	loyed by Hartford Stea	m Boiler of CT			· · · · · · · · · · · · · · · · · · ·		ford, CT	
m	pected the pump, or valve, de le Certificate Holder has cons	-	•	<u>9-11-</u> dance with the ASME			to the best of my lo	nowledge and
ly signi urtherm	ng this certificate, neither the lore, neither the inspector not inspection.	inspector nor his empl	loyer makes a	y warranty, expressed	or implied, concernir	g the component		
with this		1/1/						

(1) For manually operated valves only.

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