

Serial: RNP-RA/09-0061

AUG 1 1 2009

United States Nuclear Regulatory Commission Attn: Document Control Desk Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 DOCKET NO. 50-261/LICENSE NO. DPR-23

ADDENDUM TO "90 DAY INSERVICE INSPECTION SUMMARY REPORT" FOR REFUELING OUTAGES 21, 22, 23, AND 25

Ladies and Gentlemen:

Carolina Power and Light Company, also known as Progress Energy Carolinas, Inc., is providing an addendum to "Submittal of 90 Day Inservice Inspection Report," from Refueling Outages 21, 22, 23, and 25. The reports were prepared in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, 1995 Edition, 1996 Addenda, Article IWA-6000. The enclosed forms were not included in the reports. These forms include work activities associated with Flow Element (FE)-476, FE-486, and FE-496 that were completed during Refueling Outages 21, 22, 23, and 25 at the H. B. Robinson Steam Electric Plant, Unit No. 2.

If you have any questions concerning this matter, please contact me at (843) 857-1626.

Sincerely,

R.a. Crondill For

C. A. Castell Supervisor – Licensing/Regulatory Programs

CAC/ahv

Enclosure

c: Resident Inspector, HBRSEP Mr. T. J. Orf, NRC, NRR Mr. L. A. Reyes, NRC, Region II

Progress Energy Carolinas, Inc. Robinson Nuclear Plant 3581 West Entrance Road Hartsville, SC 29550

404⁻ NIRR

United States Nuclear Regulatory Commission Enclosure to Serial: RNP-RA/09-0061 15 Pages (including cover page)

Refueling Outage (RO)	Inservice Inspection Summary	Form Number
	Report Date	
RO 21	February 11, 2003	09-005, 09-006, 09-007
RO 22	August 26, 2004	09-003, 09-004
RO 23	January 16, 2006	09-002
RO 25	February 11, 2009	09-001

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APPENDIX II MANDATORY FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

Form NIS 2

	As Required by the Provisions of the ASME Code Section XI					
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•	Owner PROGRESS ENERGY CAROLINAS, INC Name	Date:	5/14/2009			
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: <u>1</u>	of 2			
	Plant <u>H.B.ROBINSON</u> Name	Unit:	2			
	3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address	EC#:N/A WR/WO:774610 Repair Organiza	EE:N/A CR:328429 ation PO No;Job No;etc.			
	Work Performed by <u>PROGRESS ENERGY CAROLINAS, INC</u> Name <u>3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550</u> Address	Type Code Symbol St Authorization No.: Expiration Date:	N/A			
	Identification of System: Class:3 FEED WATER SYS	TEM 3050				
	(a) Applicable Construction Code <u>: B 31.1</u> Edition <u>: 1967</u> Design Specificat	· · · · · · · · · · · · · · · · · · ·	Code Case <u>:N/A</u>			
	(b) Applicable Edition of Section XI Used for Repair/Replacement	nt Activity: <u>1995 Edition 19</u> Code Ca				

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flow Element	Ebasco,	N/A	N/A	FE-476	1971	Corrected	N
· · ·						· · · · · · · · · · · · · · · · · · ·	
		•		۰.			

7.

Description of Work: Disassembled and rewelded flow element structure

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

Other [N/A] Pressure [N/A] psig Test Temp. [N/A] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: See WO 774610 turnover package.

Applicable Manufacturer's Data Reports to be attached	Applicable Manu	facturer's Data	Reports to	be attached
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	CE	RTIFICATE OF COMPLI	ANCE	• <u>•</u> ••••••••••••••••••••••••••••••••••	
I certify that the statement	ts made in the report are co	prrect and this conforms to	o the require	ements of the ASM	E Code, Section XI.
Type Code Symbol Stamp	>	N/A			i
Certificate of Authorization	n No	N/A	a		·····
Signed Jath	Sande	ISI ENGINEER			Date 5/14/2009
		Owner or Owner's Desig	nee, Title		
	CERTIFIC	ATE OF INSERVICE IN	ISPECTIO	N	•
I, the undersigned, holdi	ng a valid commission iss	ued by the National Boa	rd of Boile	r and Pressure Ve	essel Inspectors and the
State or Province of <u>N</u>	orth Carolina	and employed by	HSBCT	of HARTFORD,	CONNECTICUT have
inspected the componer	nts described in this Own	er's Report during the I	period <u>5/14</u>	1/2009 to 5/14/200	<u>09</u> and state that to the
best of my knowledge a	and belief, the Owner has	performed examination	ns and take	en corrective mea	sures described in this
Owner's Report in accord	dance with the requirement	nts of the ASME Code, S	Section XI.		·
By signing this certificat	e neither the Inspector o	r his employer makes a	any warran	ity, 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.

titul Shughtw Ins tor's Signature

Commissions <u>NC 8447</u> National Board, State, Province, and Endorsements

Date: 5/14/2009

APPENDIX II MANDATORY

Form NIS 2

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

As Required by the Provisions of the ASME Code Section XI

1.	Owner PROGRESS ENERGY CAROLINAS, INC Name	Date:	5/14/2009
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: 1	of2
2.	PlantH.B.ROBINSON Name	Unit:	2
	,	EC#:N/A	EE:N/A
	3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO:559035	CR:328429
	Address	· · · · · · · · · · · · · · · · · · ·	on PO No; Job No; etc.
3.	Work Performed by PROGRESS ENERGY CAROLINAS, INC	Type Code Symbol Stam	
,	Name	Authorization No.:	N/A
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550	Expiration Date:	
	Address		<u></u>
4.	Identification of System: Class:3 FEED WATER SYSTE	M <u>3050</u>	
5.	(a) Applicable Construction Code <u>: B 31.1</u> Edition <u>: 1967</u> Design Specification		Code Case <u>:N/A</u>
	(b) Applicable Edition of Section XI Used for Repair/Replacement A	Activity: <u>1995 Edition 1996</u>	Addenda

Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flow Element	Ebasco	N/A	N/A	FE-486	1971 (Corrected	N
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	· · ·						
						· ·	

7. Description of Work: Disassembled and rewelded flow element structure

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

Other [N/A] Pressure [N/A] psig Test Temp. [N/A] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: See WO 559035 turnover package.

Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMPLIANCE	-		
I certify that the statements made in the report	are correct and this conforms to the requ	uirements o	of the ASME	Code, Section XI.
Type Code Symbol Stamp	N/A			
Certificate of Authorization No.	N/A			
Signed John Sand	ISI ENGINEER			Date 5/14/2009
	Owner or Owner's Designee, Title)		· .

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>HSBCT</u> of <u>HARTFORD</u>, <u>CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>5/14/2009</u> to <u>5/14/2009</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions <u>NC 8447</u> National Board, State, Province, and Endorsements

Date:<u>5/14/2009</u>

APPENDIX II MANDATORY

Form NIS 2

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

As Required by the Provisions of the ASME Code Section XI

1.	Owner PROGRESS ENERGY CAROLINAS, INC Name	Date:	5/14/2009
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: <u>1</u>	_ of2
2.	Plant <u>H.B.ROBINSON</u> Name	Unit:	2
		EC#:N/A	EE:N/A
	3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO:338841	CR:328429
	Address		
	Address	Repair Organizatio	on PO No;Job No;etc.
3.	Work Performed by <u>PROGRESS ENERGY CAROLINAS, INC</u> Name	Type Code Symbol Stam Authorization No.:	
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550	Expiration Date:	
	Address		
4.	Identification of System: Class:3 FEED WATER SYSTE	M <u>3050</u>	
5.	(a) Applicable Construction Code: <u>B 31.1</u> Edition: <u>1967</u> Design Specification	· · · · · · · · · · · · · · · · · · ·	Code Case <u>:N/A</u>

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>1995 Edition 1996 Addenda</u> Code Case: <u>N/A</u>

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flow Element	Ebasco	N/A	N/A	FE-476	1971	Corrected	N
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		· · · · · · · · · · · · · · · · · · ·					
				· · ·			

7.

Description of Work: Disassembled and rewelded flow element structure

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

Other [N/A] Pressure [N/A] psig Test Temp [N/A] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: See WO 338841 turnover package. Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE
I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp N/A
Certificate of Authorization NoN/A
Signed John Sanch ISI ENGINEER Date 5/14/2009
Owner or Owner's Designee, Title
1 the undersigned, helding a valid commission issued by the National Read of Reiler and Dressure Massel Inspectors and the
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>HSBCT</u> of <u>HARTFORD</u> , <u>CONNECTICUT</u> have
inspected the components described in this Owner's Report during the period 5/14/2009 to 5/14/2009 and state that to the
best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector or 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.
Noncy CRitchel Staughter Commissions NC 8447
Inepector's Signature National Board, State, Province, and Endorsements
Date: <u>5/14/2009</u>

APPENDIX II MANDATORY

Form NIS 2

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

As Required by the Provisions of the ASME Code Section XI

1.	Owner PROGRESS ENERGY CAROLINAS, INC Name	Date:	5/14/2009
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: 1	of 2
2.	Plant <u>H.B.ROBINSON</u> Name	Unit:	2
		EC#:N/A	EE:N/A
	3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO:337787	CR:328429
	Address		nization PO No;Job No;etc.
3.	Work Performed by PROGRESS ENERGY CAROLINAS, INC	Type Code Symbol	
	Name	Authorization No.:	N/A
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550	Expiration Date:	N/A
	Address	·	· · · · · · · ·
4.	Identification of System: Class:3 FEED WATER SYS	STEM 3050	
5.	(a) Applicable Construction Code <u>: B 31.1</u> Edition <u>: 1967</u> Design Specifica		Code Case <u>:N/A</u> 8

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A

Identification of Components Repaired or Replaced and Replacement Components .6.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flow Element	Ebasco	N/A	N/A	FE-496	1971	Corrected	N .
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		· ·					
				·			

7.

Description of Work: Disassembled and rewelded flow element structure 8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

> Pressure [N/A] psig Test Temp. [N/A] °F Other [N/A]

9

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: See WO 337787 turnover package.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE				
I certify that the statements made in the report are	correct and this conforms to the requirement	nts of the ASME Code, Section XI.		
Type Code Symbol Stamp	N/A			
Certificate of Authorization No.	N/A			
Signed bach Sande	ISI ENGINEER	Date 5/14/2009		
	Owner or Owner's Designee, Title			

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>HSBCT</u> of <u>HARTFORD</u>, <u>CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>5/14/2009</u> to <u>5/14/2009</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Rutchel Sloughter

Commissions <u>NC 8447</u> National Board, State, Province, and Endorsements

Date:5/14/2009

APPENDIX II MANDATORY

Form NIS 2

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

As Required by the Provisions of the ASME Code Section XI

		· · · · · · · · · · · · · · · · · · ·	
1.	Owner PROGRESS ENERGY CAROLINAS, INC Name	Date:	5/14/2009
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet:1	of2
2.	Plant <u>H.B.ROBINSON</u> Name	Unit:	2
		EC#:N/A	EE:N/A
	3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO:147938-1	CR:328429
	Address		on PO No;Job No;etc.
3.	Work Performed by PROGRESS ENERGY CAROLINAS, INC	Type Code Symbol Star	np: N/A
	Name	Authorization No.:	
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550	Expiration Date:	
	Address		
4.	Identification of System: Class:3 FEED WATER SYSTE	M3050	
5.	(a) Applicable Construction Code: <u>B 31.1</u> Edition: <u>1967</u> Design Specification		Code Case <u>:N/A</u>

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>1995 Edition 1996 Addenda</u> Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flow Element	Ebasco	N/A	N/A	FE-476	1971	Corrected	N
						-	
						-	

7.

. Description of Work: Disassembled and rewelded flow element structure

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

Other [N/A] Pressure [N/A] psig Test Temp. [N/A] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: <u>See WO 147938 turnover package.</u> Applicable Manufacturer's Data Reports to be attached

CERTIFIC		
I certify that the statements made in the report are correct ar	nd this conforms to the requiren	nents of the ASME Code, Section XI.
Type Code Symbol Stamp	N/A	
Certificate of Authorization No	N/A	·
Signed Clark L Sanste		Date 5/14/2009
Owner	or Owner's Designee, Title	
CERTIFICATE O	F 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>North Carolina</u> and	employed by <u>HSBCT</u> o	f HARTFORD, CONNECTICUT have
inspected the components described in this Owner's Re	port during the period 5/14/2	2009 to <u>5/14/2009</u> and state that to the
best of my knowledge and belief, the Owner has perfor	med examinations and taken	corrective measures described in this
Owner's Report in accordance with the requirements of the	e ASME Code, Section XI.	
By signing this certificate neither the Inspector or his en	mployer 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 p	roperty damage or a loss of	any kind arising from or connected with
this inspection.		
Noncy CRitichel Slaughten Inspector's Signature	Commissions National Board, Stat	NC 8447 te, Province, and Endorsements
Date: <u>5/14/2009</u>		
. ·		

APPENDIX II MANDATORY

Form NIS 2

	As Required by the Provisions of the ASME Code Section XI						
•							
1.	Owner PROGRESS ENERGY CAROLINAS, INC	Date:	5/14/2009				
	Name	· .					
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet:1	of 2				
2.	Plant H.B.ROBINSON	Unit:	2				
	Name	EC#:N/A	EE:N/A				
	3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO:147936-1	CR:328429				
	Address		ation PO No;Job No;etc.				
3.	Work Performed by PROGRESS ENERGY CAROLINAS, INC	Type Code Symbol St	amp: N/A				
	Name	Authorization No.:	N/A				
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550	Expiration Date:	<u>N/A</u>				
	Address						
4.	Identification of System: Class:3 FEED WATER SYST	EM 3050	· · · · · · · · · · · · · · · · · · ·				
5	(a) Applicable Construction Code: <u>B 31.1</u> Edition: <u>1967</u> Design Specificatio	Addenda <u>:N/A</u> on CPI-HBR2-M-048	Code Case <u>: N/A</u>				

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

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>1995 Edition 1996 Addenda</u> Code Case: <u>N/A</u>

Identification of Common and	Depaired or Deplese	and Deplement (

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flow Element	Ebasco	N/A	N/A	FE-486	1971	Corrected	N
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		· · · · · · · ·					
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<u> </u>							

7.

Description of Work: Disassembled and rewelded flow element structure

8.

Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

Other [N/A] Pressure [N/A] psig Test Temp. [N/A] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: See WO 147936 turnover package.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE					
rt are correct and this conforms to the require	ements of the ASME	Code, Section XI.			
N/A	•				
N/A	н н Малар				
ISI ENGINEER		Date 5/14/2009			
Owner or Owner's Designee, Title	•				
-	rt are correct and this conforms to the require N/A N/A ISI ENGINEER	rt are correct and this conforms to the requirements of the ASME N/A N/A ISI ENGINEER			

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>HSBCT</u> of <u>HARTFORD</u>, <u>CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>5/14/2009</u> to <u>5/14/2009</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

the Sloughter ector's Signature

Commissions <u>NC 8447</u> National Board, State, Province, and Endorsements

Date: 5/14/2009

APPENDIX II MANDATORY

Form NIS 2

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

As Required by the Provisions of the ASME Code Section XI

		· · · · · · · · · · · · · · · · · · ·		•
1.	Owner PROGRESS ENERGY CAROLINAS, INC Name	Date:	5/14/2009	
	Hame		•	· ·
	411 FAYETTEVILLE ST., RALEIGH, NC 27602	Sheet: 1	of 2	
	Address	÷ .		÷ .
2.	Plant H.B.ROBINSON	Unit:	2	
	Name			
		EC#:N/A	EE:N/A	
	3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO:147937-1	CR:32842	9
	Address	Repair Organiz	zation PO No;Job No;e	tc.
.3.	Work Performed by PROGRESS ENERGY CAROLINAS, INC	Type Code Symbol S	Stamp: <u>N/A</u>	
	Name	Authorization No.:		
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550	Expiration Date:	<u>N/A</u>	
	Address			
4	Identification of System: Class:3 FEED WATER SYSTE	EM 3050		
5.	(a) Applicable Construction Code <u>B 31.1</u> Edition <u>1967</u> Design Specification	Addenda <u>:N/A</u> n: <u>CPL-HBR2-M-048</u>	Code Case <u>:N/A</u>	

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flow Element	Ebasco	N/A	N/A	FE-496	1971	Corrected	N
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			-		. 4		
·. •		•			-		

8.

Description of Work: Disassembled and rewelded flow element structure

Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

Other [N/A]

Pressure [N/A] psig Test Temp. [N/A] °F

Form NIS2 Form NIS2

9.

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: See WO 147937 turnover package.

Applicable Manufacturer's Data Reports to b	be attached
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CERTIFICATE OF COMPLIANCE		
I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.		
Type Code Symbol Stamp	N/A	
Certificate of Authorization No.	N/A	·
Signed Lott Sanch	ISI ENGINEER	Date 5/14/2009
Owner or Owner's Designee, Title		
CERTIFICATE OF INSERVICE INSPECTION		
CERT	IFICATE OF INSERVICE INSPECTION	
CERT		Pressure Vessel Inspectors and the
	issued by the National Board of Boiler and F	
I, the undersigned, holding a valid commission	n issued by the National Board of Boiler and F and employed by <u>HSBCT</u> of <u>H</u> /	ARTFORD, CONNECTICUT have

By signing this certificate neither the Inspector or 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. the Shighter

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

Commissions NC 8447 National Board, State, Province, and Endorsements

Date:5/14/2009